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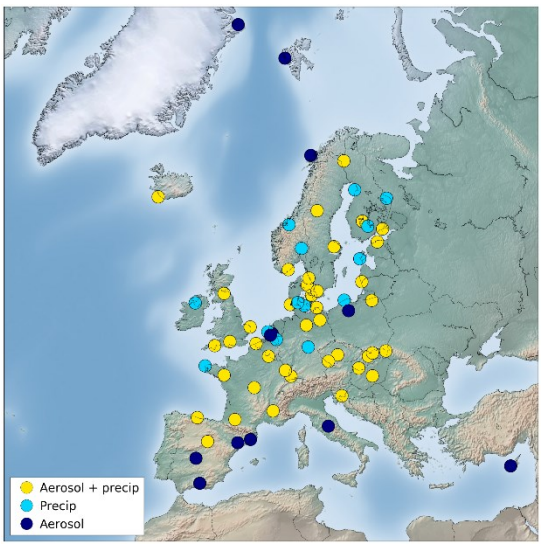
EMEP

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

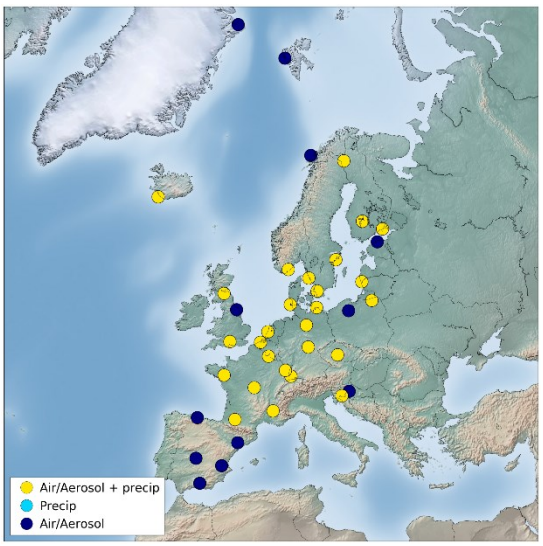
Heavy metals and POP measurements, 2019

Wenche Aas and Pernilla Bohlin-Nizzetto

Heavy metals



POPs



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1. Introduction

Heavy metals and persistent organic pollutants (POPs) were included in EMEP's monitoring program in 1999. However, earlier data have been reported and are available. The EMEP database, thus also includes older data, especially for heavy metals, 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-hexachlorocyclohexane (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 (UNECE, 2009) and the newly adopted strategy for 2020-2029 (UNECE,2019).

So far, twenty-four 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, 3/2019, 3/2020) covering data for the period 1987 to 2018. In this report, data from 2019 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 2019, 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 2019, there were 40 sites measuring heavy metals in both air and precipitation, and altogether there were 66 measurement sites. There were 20 Parties to EMEP submitting heavy metal data.

There were 25 sites measuring at least one form of mercury, whereof 14 having measurements both in air and precipitation. 18 sites were measuring mercury in gaseous phase. There were 14 Parties to EMEP submitting mercury data.

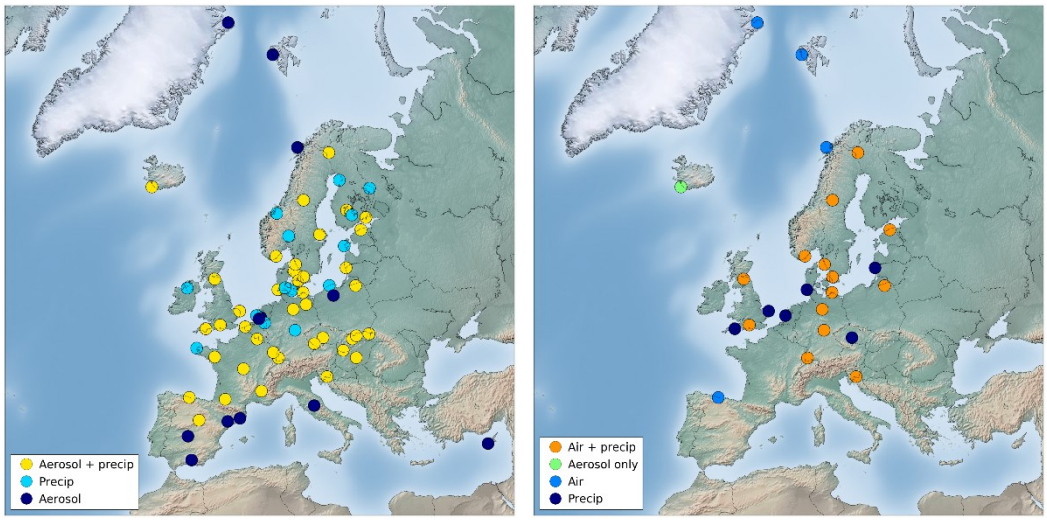

Figure 1: Measurement network of heavy metals (left) and mercury (right), 2019.

The measurement obligations set by the EMEP monitoring strategy (UNECE, 2009 and 2019) and the EUs air quality directives (EU, 2004, 2008) have clearly improved the site coverage the last decade, 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 2019-data are given in Table 2.

Table 1: Monitoring stations and the sampling program of heavy metals, 2019.

Country	Code	Station name	Latitude	Longitude	hasl	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,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 (NAOK)	49 35 0 N	15 5 0 E	534	As,Cd,Co,Cr,Cu,Fe,Mn.Ni,Pb,Se,V,Zn	As,Cd,Co,Cr,Cu,Hg,Mn,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,Mn,Ni,Pb,Se,V,Zn
Germany	DE0001R	Westerland	54 55 32 N	8 18 35 E	12	As,Cd,Cu,Co,Fe,Pb,Mn,Tl,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,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0008R	Schmücke	50 39 0 N	10 46 0 E	937	Hg(g)	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
	DK0005R	Keldsnor	54 44 47 N	10 44 10 E	10		As,Cd,Cr,Cu,Ni,Pb
Denmark	DK0008R	Anholt	56 43 0 N	11 31 0 E	40	As,Cd,Pb,Ni	As,Cd,Cr,Cu,Ni,Pb
	DK0010G	Villum, 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 campaign)
	ES0007R	Víznar	37 14 14 N	3 32 3 W	1230	As,Cd,Cr,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition campaign)
	ES0008R	Niembro	43 26 20 N	4 50 57 W	134	As,Cd,Cr,Pb,Ni,Zn, Hg(g)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (pluss total dep. campaign)
	ES0009R	Campisabalos	41 16 27 N	3 8 33 W	1360	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn
	ES0012R	Zarra	39 5 10 N	1 6 7 W	885		As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition campaign)
	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 campaign)
	ES1778	Montseny	41 46 0 N	2 21 0 E	700	Al,As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn + more	
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

Table 1 (cont.)

Country	Code	Station name	Latitude	Longitude	hasl	Metals in air	Metals in precip
France	FR0008R	Donon	48 30 0 N	7 8 0 E	775	As,Cd,Ni,Pb	As,Cd,Ni,Pb
	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-puszta	46 58 0 N	19 35 0 E	125	Pb,Cd	Pb, Cd
Iceland	IS0091R	Storhofdi	63 23 58 N	20 17 18 W	118	Al,As,Cd,Co,Cr,Cu,Fe,Hg,Mn,Ni,Pb,V,Zn	Al,As,Cd,Cr,Cu,Fe,Mn,Ni,Pb
	IS0002R	Irafoss	64 5 17 N	21 0 24 W	66	Fe	
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,Al,Cd,Cr,Co,Cu,Fe,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,Al,Cd,Cr,Co,Cu,Fe,Pb,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,Al,Cd,Cr,Co,Cu,Fe,Pb,Hg,Ni,V,Zn	
Poland	PL0004R	Leba	54 45 13 N	17 32 5 E	2		Cd,Cr,Cu,Pb,Ni,Zn
	PL0005R	Diabla Gora	54 7 3 N	22 2 17 E	157	As,Cd,Cr,Cu,Pb,Hg,Ni,Zn	As,Cd,Cr,Cu,Pb,Ni,Zn, Hg
	PL0009R	Zielonka	53 39 44 N	17 56 2 E	121	As,Cd,Ni,Pb	
Sweden	SE0005R	Bredkälen	63 51 0 N	15 20 0 E	404	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0014R	Råö	57 23 0 N	11 53 0 E	10	As,Cd,Cr,Co,Cu,Hg,Pb,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,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0022R	Norunda Stenen	60 5 9	17 30 19 E	45	As,Cd,Cr,Co,Cu,Pb,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn

Table 1 (cont.)

Country	Code	Station name	Latitude	Longitude	hasl	Metals in air	Metals in precip
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	Topolniky	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, 2019.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	Frequency	Field method	Frequency	
Belgium	wet only	weekly	Low volume sampler	48h	ICP-MS
Cyprus	wet only	daily	High Volume Sampler, quartz fibre filters, ca 700 m3/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 CV-AFS
Denmark Hg	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 mm, 58 m^3/day TGM: monitor (Tekran)	daily continuously	ICP-MS
Estonia	Bulk	EE0009R weekly EE0011R 2-weekly	High vol.	weekly	GF-AAS, Zn: F-AAS
Spain precip + dry dep ES1778	wet only Bulk	Weekly Monthly	High-vol, PM10 High-vol, PM10	24h a week 24h every 4 day	ICP-MS (aerosol) GF-AAS for precip ICP-AES+ICP-MS
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	bulk	Monthly (4weeks)	low volume sampler	2-weekly	ICP MS
Great Britain	Bulk	GB06,17: monthly GB13,91: weekly	PM10, low volume sampler	weekly	ICP-MS

Table 2 (cont.)

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	**Frequency**	**Field method**	**Frequency**	
	wet only	**weekly**	**filter_1pack**	**weekly**	
Hungary	wet only	weekly	filter_1pack	weekly	GF-AAS
Iceland	Bulk	Weekly	High vol.	2-weekly	ICP-MS
Hg			High vol.	2-weekly	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 m3/h (NL0008R)	Every 2nd day	ICP-MS
	Bulk	2-weekly (NL0010R)	PM2.5 low volume sampler, OPSIS teflon filters, 2.3 m3/h (NL0008R)	Every 4th day	ICP-MS
Hg	Wet-only	Weekly			CV-AFS
Norway	Bulk	Weekly	NO42: High Vol, 20 l/h, W41	48h a week	ICP-MS
			NO01: PM10 KFG 2,3 l/h, quartz	Weekly	
Hg	Bulk (Hg)	Monthly	TGM: monitor (Tekran)	continously	CV-AFS
Poland					
, PL04	Wet-only	Biweekly sampling, monthly analysis			GF-AAS, Zn: F-AAS
PL05	Bullk	Weekly sampling, monthly analysis	PM10 High vol, quartz filter	daily sampling, weekly analysis (bulked 7 filters)	GF-AAS, Zn:F-AAS - precip.; As, Cd, Ni, Pb: GF-AAS, Cr, Cu, Zn: ICP-AES - PM10
Hg	Bulk (Hg)	Weekly	Hg: gold traps (TGM)	24h a week	AAS-AMAanalyzer gold traps; CV-AFS
PL09			PM10 High vol, quartz filter	daily sampling, weekly analysis (bulked 7 filters)	As, Cd, Ni, Pb: GF-AAS

Table 2 (cont.)

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	**Frequency**	**Field method**	**Frequency**	
Sweden Hg	Bulk Bulk (Hg)	Monthly 2-weekly	Low volume sampler, teflon filter Hg: gold traps (TGM) Hg: mini traps (TPM)	monthly 2 X 24 h a week (SE0014) 1 X 24 h a week (SE0011,SE005) 2 X 24 h a week	ICP-MS CV-AFS CV-AFS
Slovenia Hg	bulk (HM) wet only (Hg)	weekly 1 month	Low volume, 2.3 m^3/h, PM_{10}, quartz filters AAS with Zeeman background corr.	24 h once every 6days continuously for min 2 weeks of each season	ICP-MS Precip: CV-AAS, Aerosol: AAS
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	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 that have delivered data on POPs in 2019, are shown in Figure 2-3 and Table 3. In total, there are 17 parties and 39 sites reporting POP data in 2019. Of these, 27 sites report data in both air and precipitation/total deposition, seven sites report data only in air, and five sites in Spain report monthly data for PAHs in air and campaign data for total deposition during shorter periods, in 2019.

The spatial coverage differs for different POP compounds (Figure 3). One should further notice that several of the Parties only measure and report PAHs (i.e. 9 Parties and 27 sites). Excluding these sites there are 12 sites with POP measurements whereof 9 with measurements in both air and precipitation, from 8 Parties. A summary of the sampling and analytical techniques used for POPs for the 2019-data are given in Table 4.

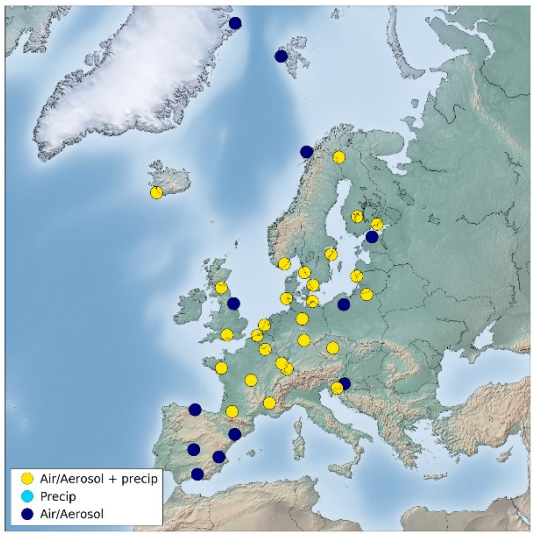

Figure 2: Measurement network of POPs in EMEP, 2019.

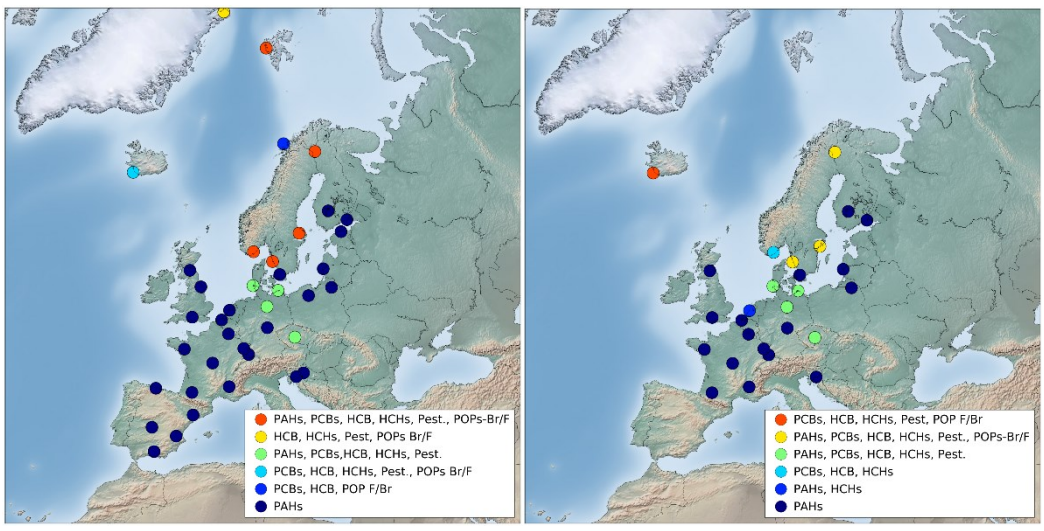

Figure 3: Spatial distribution of monitored POP components for air (left) and precipitation (right) respectively, in 2019.

Table 3: Monitoring stations and their sampling program of POPs, 2019.

Country	Code	Station name	Latitude				Longitude				hasl	POPs in air and/or aerosol	POPs in precipitation
Belgium	BE0013R	Houtem	51	0	58	N	2	34	56	E	44	PAHs	PAHs
Czech Republic	CZ0003R	Kosetice	49	35	0	N	15	5	0	E	534	PAHs, PCBs, HCB, DDTs, HCHs	PAHs, PCBs, DDTs, HCHs
Denmark	DK0010G	Villum Reserach Station, North Greenland	81	36	0	N	16	40	12	W	20	HCB, DDTs, HCHs, OCPs*, BDEs	
Germany	DE0001R	Westerland	54	55	32	N	8	18	35	E	12	PAHs, PCBs, DDTs, HCHs, HCH, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
	DE0002R	Waldhof	52	48	8	N	10	45	34	E	74	PAHs, PCBs, DDTs, HCHs, HCB, 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,HCB, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
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	Víznar	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	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	PAHs
France	FR0008R	Donon	48	30	0	N	7	8	0	E	775	PAHs	PAHs
	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
Croatia	HR0002R	Puntijarka	45	54	0	N	15	58	0	E	988	PAHs	
Iceland	IS0091R	Storhofdi	63	23	58	N	20	17	18	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

Table 3 (cont.)

Country	Code	Name	Latitude				Longitude				hasl	POPs in air and/or aerosol	POPs in precipitation
Norway	NO0042G	Zeppelin	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	
Poland	PL0005R	Diabla Gora	54	7	3	N	22	2	17	E	157	PAHs	PAHs
	PL0009R	Zielonka	53	39	44	N	17	56	2	E	121	PAHs	
Sweden	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
	SE0020R	Hallahus	56	2	44	N	13	8	80	E	190	PAHs	PAHs
	SE0022R	Norunda Stenen	60	5	9		17	30	19	E	45	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, PCDD/Fs**	PAHs, PCBs, HCB, DDTs, HCHs, BDEs
Slovenia	SI0008R	Iskrba	45	33	45	N	14	51	45	E	520	PAHs	PAHs

* One or several of: aldrin, dieldrin, endrin, heptachlor, oxychlordane, heptachlorepoxide, mirex, endosulfan

** Campaign data

Table 4: Measurement methods for POPs, 2019.

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	**Frequency**	**Sampling method**	**Frequency**	
Belgium	Bulk, funnel-bottle	4-weekly	Low Volume sampler, Leckel, 55.2 m3/day	24h, once every 3 days	GC-MS
Czech Republic	Wet only	Daily	High Volume sampler, Digitel, PM10, Whatman quartz filter QM-A/150 mm, PU-foam, 700 m3/day	24 h, once per week	HPLC, GC-MS
Denmark			High Volume sampler	Monthly	GC-MS
Germany	Wet only + funnel wash	Monthly	High Volume sampler, filter + PU-foam	Monthly	GC-MS
Estonia			High Volume sampler, PM10	Weekly	
Spain	Bulk (precip + dry dep)	4 month (campaign)	High Volume sampler, PM10	Pooled sampled from 10 daily sampling filters	GC-MS
Finland Fi 36	Bulk (precip + dry dep) Bulk (precip + dry dep)	Monthly sampling 1-2 week sampling, monthly sampling	Low volume sampler High volume sampler	Weekly sampling, monthly analysis Weekly sampling, monthly analysis	HPLC, GC-MS HPLC, GC-MS, GC-ECD (by IVL, Sweden)
France	Bulk (precip + dry dep)	Monthly sampling (28 days)	High Volume sampler, Digitel, PM10, DA80 quartz filter	24 h, once every 6 days	GC-MS
Great Britain	Bulk (wet dep)	Monthly	High Volume sampler, PM10, Whatman GF filter + 2 PU-foams, 5 m3/h	Biweekly sampling, 3 monthly analysis	GC-MS
Croatia			Low Volume sampler, Comde-Derenda, PM10, PTFE filter, 55 m3 /day	Daily sampling, weekly analysis (7 filters)	GC-MS
Iceland	Bulk (precip)	2 weeks	High Volume sampler	Biweekly	GC-ECD
Latvia	Wet only	Weekly	Low Volume sampler, PM10, OPSIS teflon filters, 2.3 m3/h	Biweekly	HPLC, GC-MS
Netherlands	Bulk	4-weekly	Low volume sampler, PM10, Whatman quartz filter	Sampling every other day, analysis is pooled: 3 samples in winter, 5 in summer	GC-MS
Norway	Bulk, funnel and bottle of glass	Weekly	High Volume sampler, Gelman A/E glass fiber filter + 2 PU-foams, 20 m3/h	NO02: 24-48 h, once a week/month; NO42: 48 h, once a week; NO90: 48 h, once per month	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

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	**Frequency**	**Sampling method**	**Frequency**	
Sweden	Bulk (precip + dry dep)	1-2-week sampling, monthly analysis	High vol. Low Vol (SE0020R)	Weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
Slovenia	Bulk (precip + dry dep)	Weekly	Low Vol, PM10, quartz filters, 2.3 m3/h	24h, once every 3 days	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 2019 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.

Annual averages of Pb, Cd, As, Cr, Cu, Ni, Zn and Hg concentrations in air/aerosols and precipitation in 2019 are presented in Figure 1 to Figure 29. The spatial distribution of aerosol is better than in precipitation having more sites with observations in precipitation. The highest concentrations are in general seen in Eastern Europe but there are hotspots for some elements in other parts of Europe, i.e., for As, Pb and Cr it is relatively high levels around the English Channel. Cr has in addition to anthropogenic sources high concentrations in crustal material and that can be the reason for relatively high concentration of Cr in Cyprus and Italy. Spain also show elevated concentrations for some elements especially in precipitation.

For mercury in air, the highest concentration is seen in Poland followed by sites in Germany and UK, while in precipitation the highest concentrations are seen in the Czech Republic and in Finland. Generally, the observed concentrations in air harmonize very well with regions of Hg emission and modelled concentrations apart from the site in Spain showing extremely low concentrations (0.57 ng/m^3) indicating problems with the measurements. Observed concentrations of Hg in precipitation in 2019 show highest concentrations in Czech Republic, Spain and in Finland followed by The Netherlands and Latvia. One should however notice that for Spain and Latvia most of the observations are below their relatively high detection limits. Poland continues to report suspiciously low concentrations in precipitation.

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 2019 (µg/l, Hg in ng/l).

Code	Pb	Cd	Zn	Hg	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al	Mm (Hg)	mm
BE0014R	0.41	0.02	6.2	-	0.21	0.04	2.58	-	0.11	2.44	-	13	-	-	705
CZ0003R	0.87	0.033	12	13.6	1.53	-	-	0.03	0.14	-	0.16	-	-	631	631
CZ0005R	0.56	0.02	4.7	-	0.16	0.10	1.80	0.02	0.08	-	0.13	34	-	-	934
DE0001R	0.3	0.011	2	4.4	0.08	0.05	0.35	0.02	0.09	1.02	0.13	13	-	916	872
DE0002R	0.45	0.015	3	6.5	0.07	0.06	0.69	0.03	0.13	2.61	0.22	29	-	617	582
DE0003R	0.21	0.008	2	5.7	0.07	0.03	0.36	0.02	0.08	1.09	0.08	11	-	1725	1636
DE0007R	0.41	0.013	3.5	-	0.12	0.07	0.82	0.03	0.10	4.33	0.13	23	-	-	639
DE0008R	0.41	0.012	8.5	4.6	0.17	0.04	0.78	0.02	0.09	1.53	0.07	15	-	1211	1223
DE0009R	0.41	0.015	2.6	6.8	-	0.08	0.57	0.03	0.12	2.99	0.21	26	-	602	580
DK0005R	1.84	0.004	*16.2*	-	0.29	*0.01*	2.09	-	0.39	-	-	-	-	-	446
DK0008R	3.07	0.079	32.5	-	0.98	*0.01*	6.40	-	0.45	-	-	-	-	-	655
DK0012R	0.59	0.019	9.2	-	0.17	*0.00*	0.98	-	0.10	-	-	-	-	-	1073
DK0022R	0.78	0.031	12.2	-	0.31	*0.13*	1.61	-	0.15	-	-	-	-	-	447
EE0009R	0.61	0.063	14.3	*3.9*	0.53	0.04	1.58	-	-	-	-	-	-	848	848
EE0011R	0.33	0.043	4.2	-	0.42	-	*1.77*	-	-	1.21	-	-	-	-	674
ES0008R	1.37	0.052	37.9	12.09	*2.95*	0.15	8.76	-	1.63	-	-	-	-	976	1136
ES0009R	2.98	0.049	41.5	-	1.06	0.08	9.5	-	1.72	-	-	-	-	-	1002
FI0018R	0.71	0.026	3.9	-	0.32	0.07	0.72	0.02	0.08	2.64	0.23	65	32	-	562
FI0036R	0.16	0.009	1.4	11.3	0.35	0.03	0.42	0.01	0.04	1.45	0.09	5	4.4	279	614
FI0050R	0.36	0.02	4.3	-	0.24	0.06	0.58	0.02	0.06	2.23	0.12	16	12	-	620
FI0053R	0.37	0.015	2.4	-	0.31	0.06	0.62	0.03	0.09	1.79	0.28	19	11	-	450
FI0092R	0.31	0.015	1.9	-	0.26	0.04	0.5	0.01	0.05	1.65	0.12	12	10	-	578
FI0093R	0.3	0.013	2.3	-	0.21	0.05	0.52	0.01	0.05	2.14	0.12	11	9	-	630
FR0008R	0.5	0.053	-	-	0.21	0.08	-	-	-	-	-	-	-	-	1505
FR0009R	0.62	0.029	-	-	0.23	0.05	-	-	-	-	-	-	-	-	1260
FR0013R	0.35	0.015	-	-	0.21	0.06	-	-	-	-	-	-	-	-	998
FR0023R	0.6	0.019	-	-	0.25	0.07	-	-	-	-	-	-	-	-	1029
FR0024R	0.65	0.017	-	-	0.71	0.16	-	-	-	-	-	-	-	-	780
FR0025R	0.82	0.027	-	-	0.36	0.19	-	-	-	-	-	-	-	-	652
FR0090R	0.31	0.015	6.8	-	0.29	0.06	0.42	0.01	0.04	-	0.27	-	-	-	926
GB0006R	*0.05*	*0.003*	0.9	-	0.05	0.13	0.17	-	0.06	-	-	-	-	-	1441
GB0013R	0.16	0.008	2.8	3.1	0.20	0.08	0.43	-	0.06	-	-	-	-	1278	1266
GB0017R	0.32	0.010	5	4.2	0.11	0.07	0.92	-	0.07	-	-	-	-	587	619
GB0048R	0.18	0.007	5.6	4.4	0.24	0.12	0.49	0.01	0.06	0.97	0.2	7	7	791	869
GB1055R	0.28	0.007	3.7	3.1	0.13	0.07	0.4	0.01	*0.06*	1.44	0.21	7	9	712	759
HU0002R	2.58	*0.061*	-	-	-	-	-	-	-	-	-	-	-	-	766
IS0091R	0.68	0.017	11.6	-	0.62	0.07	3.66	0.09	0.35	3.87	0.68	174	144	-	1613
LV0010R	*0.73*	*0.018*	-	*9.9*	*0.55*	*0.16*	-	-	-	-	-	-	-	681	681
NL0010R	0.79	0.068	11.5	-	*0.23*	*0.15*	2.3	-	*0.13*	-	0.32	64	-	-	632
NL0091R	*0.3*	*0.008*	*2.8*	11.0	*0.23*	*0.03*	0.55	-	*0.05*	-	*0.16*	*11*	-	723	914
NO0001R	0.44	0.014	3.1	3.8	0.16	0.06	4.31	0.02	0.09	1.38	0.15	-	-	2009	1914
NO0039R	0.27	0.007	2.6	-	-	-	-	-	-	-	-	-	-	-	1450
NO0056R	0.38	0.027	3.8	-	-	-	-	-	-	-	-	-	-	-	1366
PL0004R	0.2	0.011	2.2	-	0.1	-	0.5	-	0.03	-	-	-	-	-	704
PL0005R	3.99	0.016	4.89	2.0	0.56	0.27	0.99	-	0.1	-	-	-	-	564	554
SE0005R	0.17	0.016	4.1	6.4	0.09	0.04	0.43	0.01	0.03	2.07	0.43	-	-	593	489
SE0014R	0.45	0.031	3.6	5.8	0.09	0.07	1.02	0.03	0.05	2.42	0.38	-	-	759	730
SE0020R	0.42	0.037	5.8	7.1	0.22	0.09	1.89	0.02	0.06	10.67	0.44	-	-	1019	697
SE0022R	0.2	0.015	2.8	-	0.09	0.07	0.88	0.01	0.04	1.49	0.15	-	-	-	564
SI0008R	*0.36*	*0.01*	*2*	4.0	*0.07*	*0.06*	*1.96*	*0.03*	*0.03*	2.11	0.24	-	-	1202	1411
SK0002R	0.89	0.049	21	-	0.29	0.09	1.15	-	*0.19*	-	-	-	-	-	1467
SK0004R	0.6	0.049	10.6	-	1	*0.03*	1.02	-	0.13	-	-	-	-	-	642
SK0006R	1.26	0.057	20.1	-	0.72	0.07	1.15	-	0.36	-	-	-	-	-	614
SK0007R	0.8	0.025	49.9	-	0.43	*0.06*	0.98	-	0.16	-	-	-	-	-	403

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

Grey shades mean 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 2019 (ng/m^3).

Code		Pb	Cd	Zn	Hg (air)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
BE0014R	pm10	4.11	0.121	15.9	-	2.14	0.48	3.55	-	1.32	8.39	-	-	-
CY0002R	pm10	4.6	0.061	11.2	-	0.88	0.42	1.76	-	1.04	7.38	2.82	368	454
CZ0003R	pm10	1.97	0.227	7.2	-	0.34	0.38	1.27	0.04	0.41	3.31	0.31	99	-
CZ0003R	pm25	1.61	0.136	6	-	0.26	0.31	0.66	0.01	0.29	1.36	0.17	31	-
CZ0005R	pm10	0.97	*0.027*	4	-	0.21	0.15	0.9	0.03	*0.69*	1.61	0.2	66	-
DE0001R	pm10	1.64	0.054	7	-	0.68	0.23	1.54	0.04	-	2.11	0.68	74	-
DE0002R	pm10	2.65	0.079	11.1	1.6	0.23	0.36	1.98	0.05	-	3.27	0.46	113	-
DE0003R	pm10	0.87	0.021	4.2	1.3	0.22	0.09	1.13	0.03	-	1.56	0.23	71	-
DE0007R	pm10	2.5	0.079	9.1	-	-	0.42	1.48	0.03	-	2.49	0.35	76	-
DE0008R	air	-	-	-	1.51	-	-	-	-	-	-	-	-	-
DE0009R	pm10	2.07	0.066	7.5	1.45	0.68	0.32	1.44	0.04	-	2.2	1.23	71	-
DK0008R	aerosol	1.18	0.037	-	-	0.51	0.23	-	-	-	-	-	-	-
DK0010G	aerosol	0.32	*0.009*	-	1.13	0.03	0.05	-	-	-	-	-	-	-
DK0012R	aerosol	1.6	0.058	-	-	0.54	0.34	-	-	-	-	-	-	-
EE0009R	pm10	1.03	0.041	-	1.46	0.23	0.1	-	-	-	-	-	-	-
ES0001R	pm10	0.9	*0.019*	4.5	-	0.65	0.18	-	-	0.66	-	-	-	-
ES0007R	pm10	1.23	0.031	6	-	1.72	0.18	-	-	0.75	-	-	-	-
ES0008R	pm10	2.71	0.119	13.3	0.57	0.69	0.15	-	-	0.87	-	-	-	-
ES0009R	pm10	0.82	*0.016*	3.8	-	*0.45*	*0.1*	2.23	-	0.67	-	-	-	-
ES0014R	pm10	1	0.026	8.8	-	*0.56*	0.15	4.69	-	0.65	-	-	-	-
ES1778R	pm10	1.22	*0.026*	6.2	-	0.31	0.12	1.87	0.08	*0.31*	2.72	1.22	130	197.6
ES1778R	pm25	1.2	0.03	10.3	-	0.36	0.08	1.11	*0.03*	*1.78*	1.29	1.14	45	92.3
ES1778R	pm1	0.96	*0.025*	3.8	-	0.39	0.07	0.7	*0.02*	*0.58*	0.33	0.91	*6*	*28.2*
FI0018R	pm10	1.66	0.048	6.6	-	0.41	0.21	0.81	0.04	0.32	2.69	0.77	157	197.4
FI0036R	pm10	0.56	0.018	1.8	1.27	0.25	0.1	0.48	0.02	0.16	0.57	0.36	22	24
FI0050R	pm10	0.89	0.036	4.8	-	0.23	0.17	0.55	0.03	0.2	1.37	0.3	36	42.2
FR0008R	pm10	1.64	0.037	-	-	0.41	0.16	-	-	-	-	-	-	-
FR0009R	pm10	3.44	0.094	-	-	0.7	0.24	-	-	-	-	-	-	-
FR0013R	pm10	1.48	0.045	-	-	0.49	0.18	-	-	-	-	-	-	-
FR0023R	pm10	1.28	0.032	-	-	0.38	0.13	-	-	-	-	-	-	-
FR0024R	pm10	1.77	0.062	-	-	1.55	0.29	-	-	-	-	-	-	-
FR0025R	pm10	1.47	0.052	-	-	0.44	0.17	-	-	-	-	-	-	-
GB0013R	pm10	1.82	0.055	4.6	-	0.42	0.43	1.1	-	*0.66*	-	-	-	-
GB0017R	pm10	3.8	0.103	9.5	-	0.71	0.58	2.22	-	*1.12*	-	-	-	-
GB0048R	pm10	1.12	0.032	3.6	1.32	0.22	0.22	0.88	0.03	*0.83*	1.28	0.35	54	-
GB1055R	pm10	3.62	0.098	8.4	-	0.45	0.61	2.63	0.04	*0.95*	2.46	0.67	103	-
HU0002R	aerosol	6.82	0.12	-	-	-	-	-	-	-	-	-	-	-
IS0002R	aerosol	-	-	-	-	-	-	-	-	-	-	-	272	-
IS0091R	aerosol	0.17	0.006	1.7	2.66	0.9	0.05	0.55	0.2	0.51	7.48	1.6	406	277.6
IT0019R	pm10	1.66	0.03	7.7	-	0.91	0.13	1.79	0.07	1.1	3.49	1.22	161	225.8
LV0010R	pm10	1.7	0.052	-	-	*0.35*	0.26	-	-	-	-	-	-	-
NL0008R	pm10	3.66	*0.091*	27.1	-	*0.77*	*0.39*	-	-	-	-	-	-	-
NL0644R	pm25	3.91	*0.085*	*22.7*	-	*0.72*	*0.35*	-	-	-	-	-	-	-
NO0002R	pm10	0.65	0.028	4.3	1.45	0.18	0.14	0.41	0.02	*0.29*	1.27	0.32	33	48.7
NO0042G	aerosol	0.29	0.021	2.1	1.42	0.23	0.05	0.46	0.02	0.32	0.56	0.08	25	68.7
NO0090R	aerosol	0.2	0.007	1.1	1.41	0.21	0.04	1.14	0.02	0.2	0.51	0.23	23	38.2
PL0005R	pm10	2.02	0.079	10	1.76	0.4	0.18	1.63	-	0.45	-	-	-	-
PL0009R	pm10	2.15	0.094	-	-	0.47	0.35	-	-	-	-	-	-	-
SE0005R	aerosol	0.3	0.009	1.7	1.21	0.09	0.04	0.17	0.01	0.17	0.59	0.1	-	-
SE0014R	aerosol	0.79	0.028	3.8	1.12	0.37	0.19	0.7	0.02	0.44	1.35	0.71	-	-
SE0020R	aerosol	1.07	0.033	4.9	1.26	0.26	0.18	0.91	0.03	0.45	1.67	0.52	-	-
SE0022R	aerosol	0.54	0.019	3.3	-	0.17	0.11	0.46	0.02	0.41	1.02	0.22	-	-
SI0008R	pm10	1.45	0.057	*5.4*	1.24	*0.43*	*0.17*	1.86	-	*0.71*	-	-	-	-
SK0002R	aerosol	1.4	0.07	3.2	-	0.32	0.11	0.65	-	-	-	-	-	-

Table 6 (cont.):

Code		Pb	Cd	Zn	Hg (air)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
SK0004R	pm10	4.22	0.115	8.8	-	0.31	0.25	1.68	-	-	-	-	-	-
SK0006R	pm10	4.26	0.126	8	-	0.3	0.28	1.1	-	-	-	-	-	-
SK0007R	pm10	8.18	0.149	11.1	-	0.43	0.27	3.48	-	-	-	-	-	-

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.

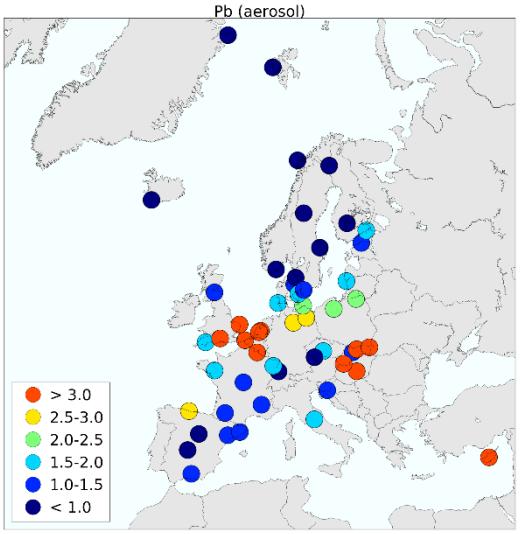

Figure 4: Pb in aerosols (ng/m³).

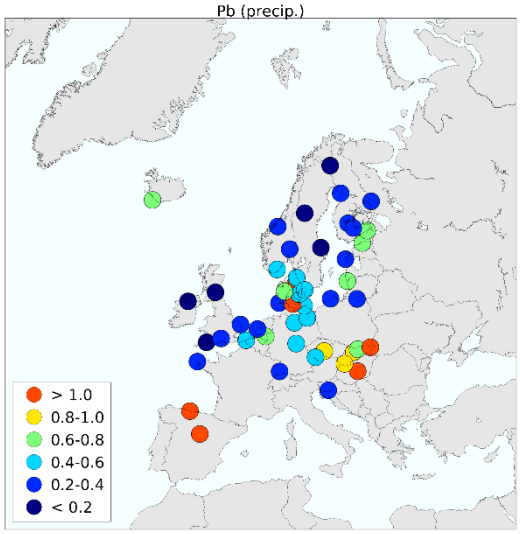

Figure 5: Pb in precipitation (µg/l).

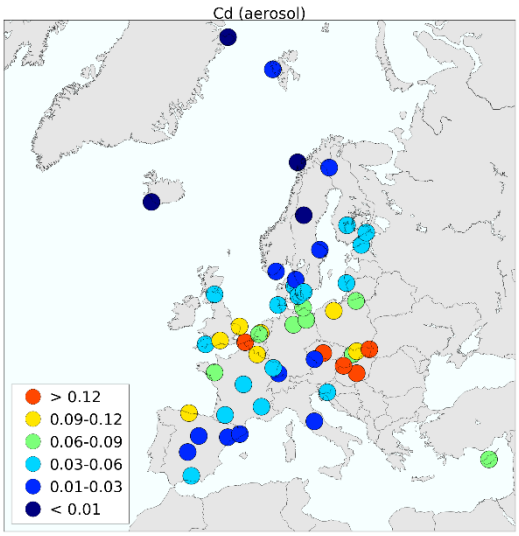

Figure 6: Cd in aerosols (ng/m³).

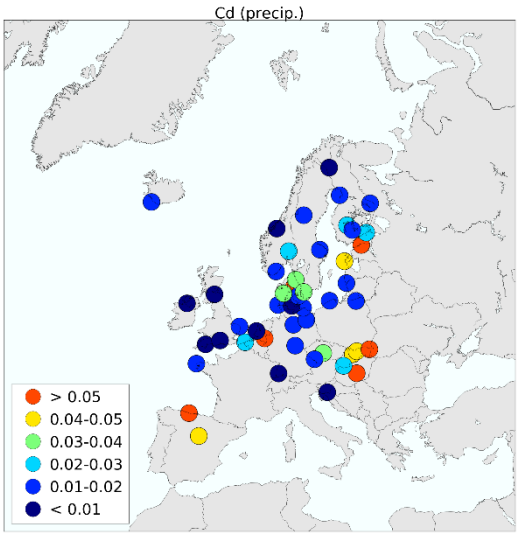

Figure 7: Cd in precipitation (µg/l).

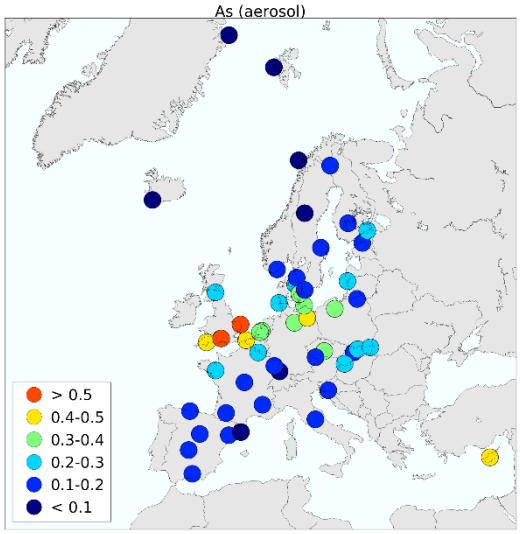

Figure 8: As in aerosols (ng/m³).

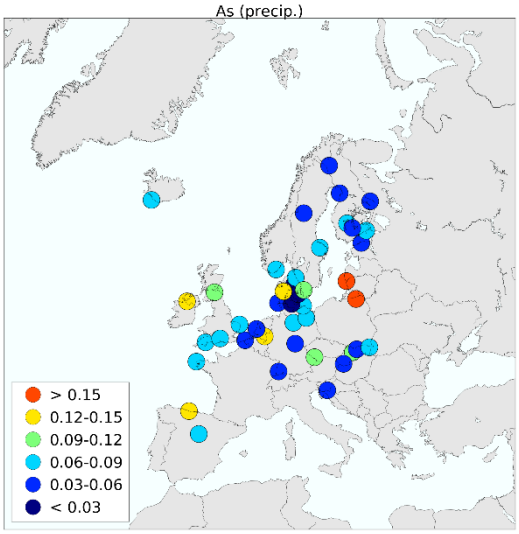

Figure 9: As in precipitation (µg/l).

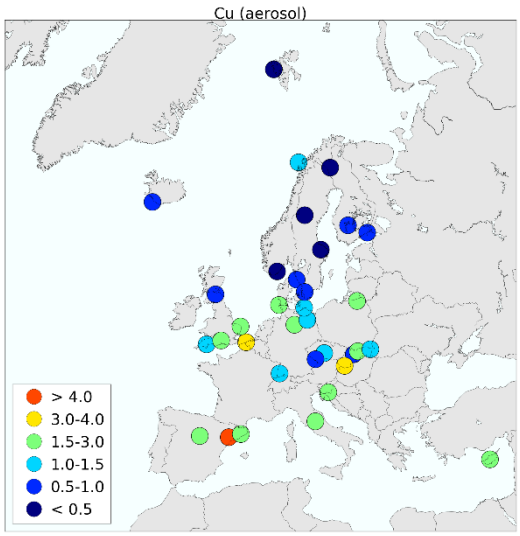

Figure 10: Cu in aerosols (ng/m³).

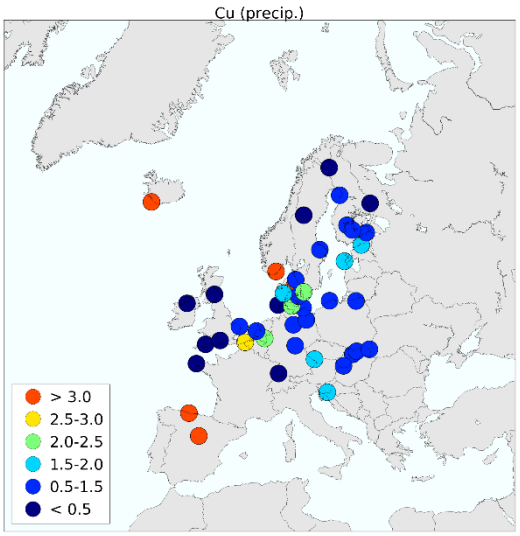

Figure 11: Cu in precipitation (µg/l).

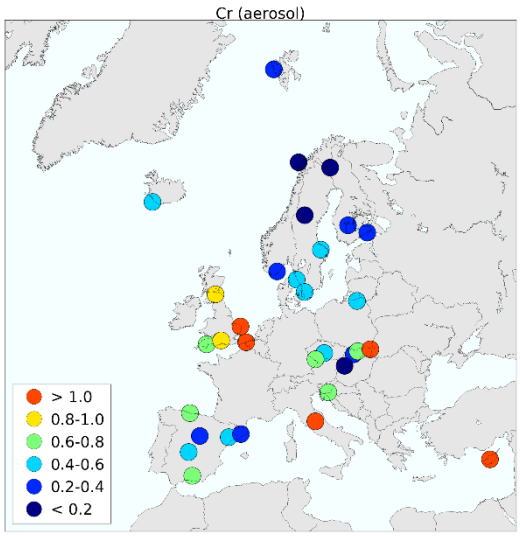

Figure 12: Cr in aerosols (ng/m³).

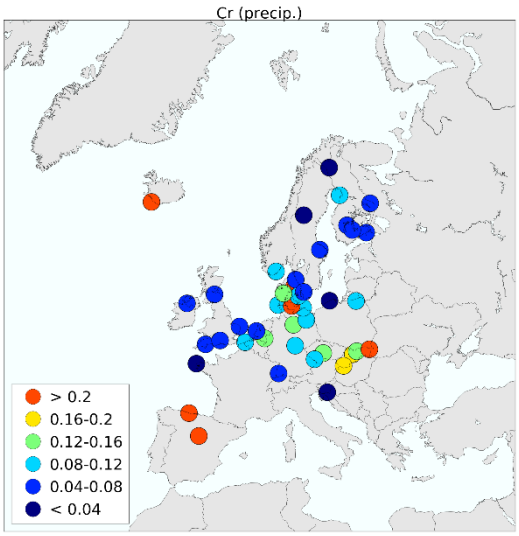

Figure 13: Cr in precipitation (µg/l).

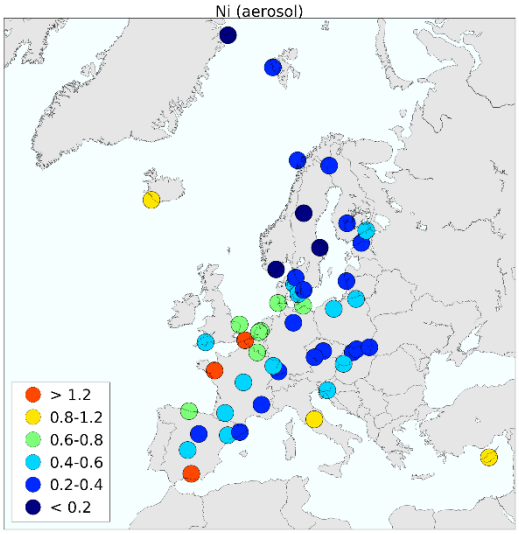

Figure 14: Ni in aerosols (ng/m³).

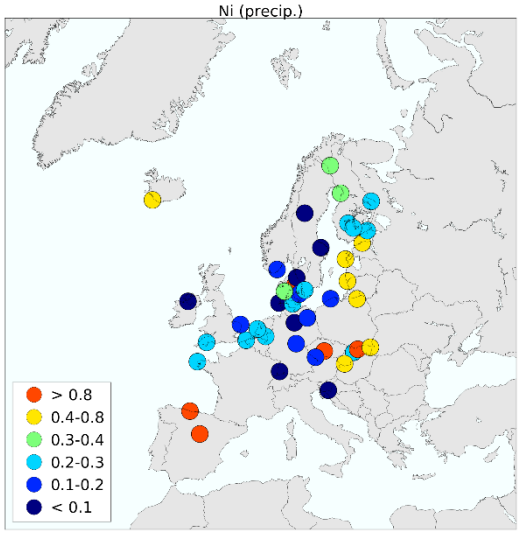

Figure 15: Ni in precipitation (µg/l).

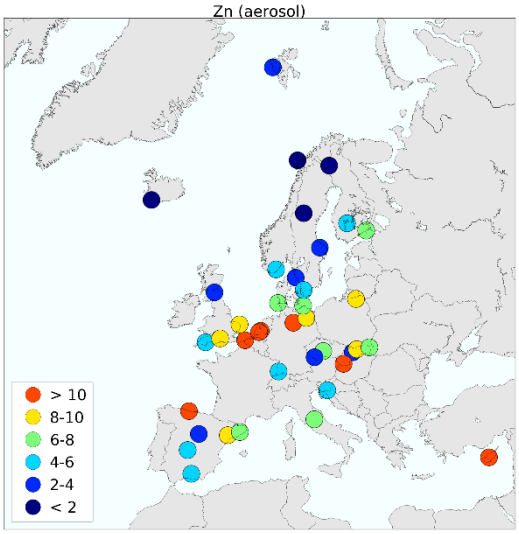

Figure 16: Zn in aerosols (ng/m³).

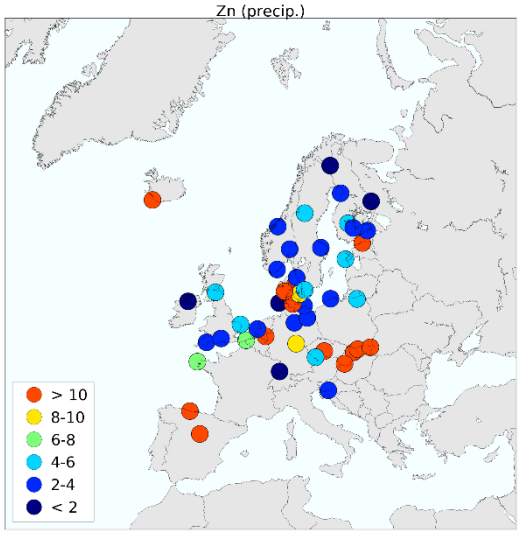

Figure 17: Zn in precipitation (µg/l).

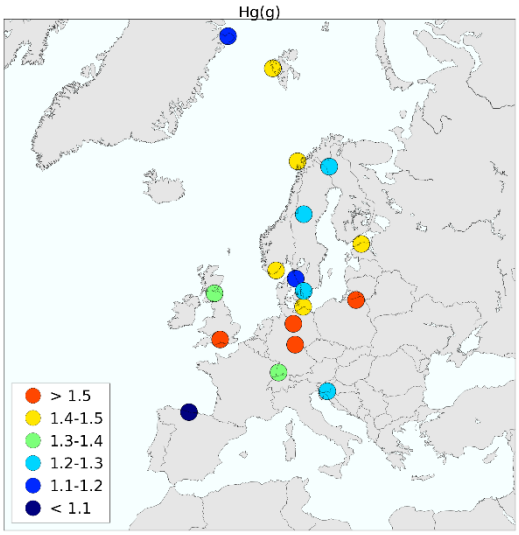

Figure 18: Hg in air (ng/m³).

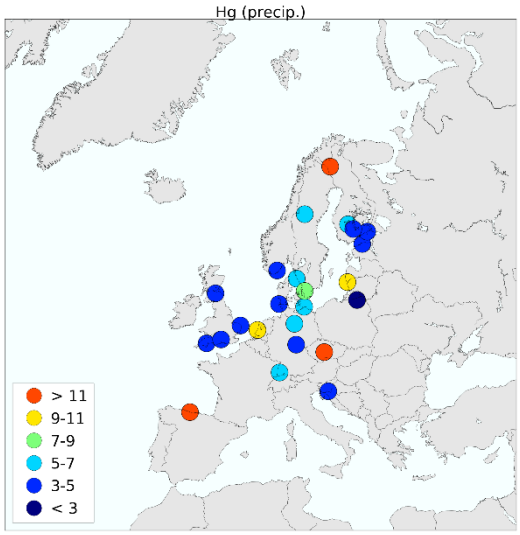

Figure 19: Hg in precipitation (ng/l).

2.4 Concentrations of POPs

It is generally difficult to give full credit to the information content in the POP data as the comparability of data is hampered by: i) the use of different sampling and analytical techniques; ii) low and various spatial coverage for individual POP components; and iii) 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 (ng/m^2 day) or concentrations (ng/L).

Annual average concentrations of some of the main PAHs, PCBs and pesticides in air are shown in Figure 20 – Figure 31. In general, the concentrations of POPs decrease from the south/south-east to the north of Europe. The highest concentrations of the monitored POPs in air are observed in central Europe and the lowest in Northern Scandinavia. Exception are "hotspots" for individual compounds such as elevated levels of α-HCH and HCB in the Arctic. For PCB this spatial distribution is explained by a high historical usage of POPs in central Europe (Breivik et al., 2002). The conclusions on specific POP compounds are though hampered by the low number of sampling sites.

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 (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.

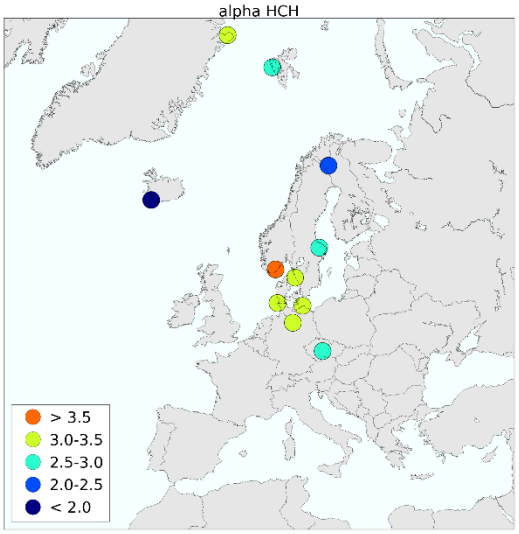

Figure 20: α-HCH in air (pg/m³).

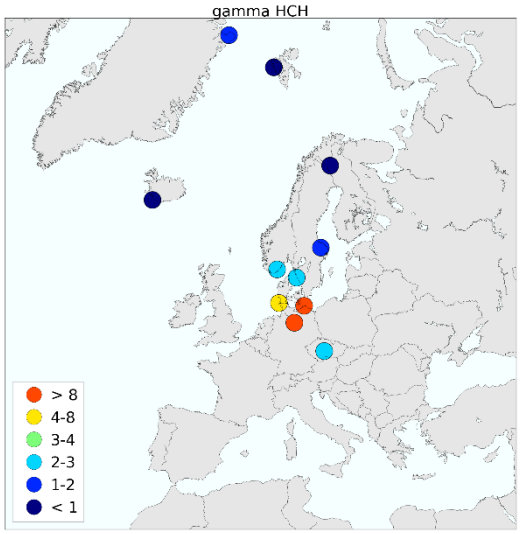

Figure 21: γ-HCH in air (pg/m³).

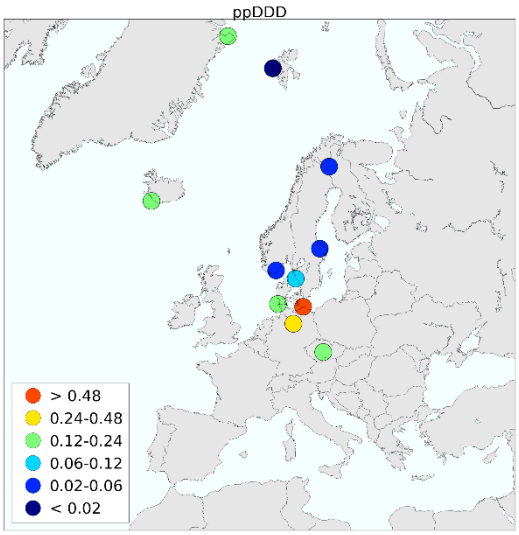

Figure 22: p,p'-DDD in air (pg/m³).

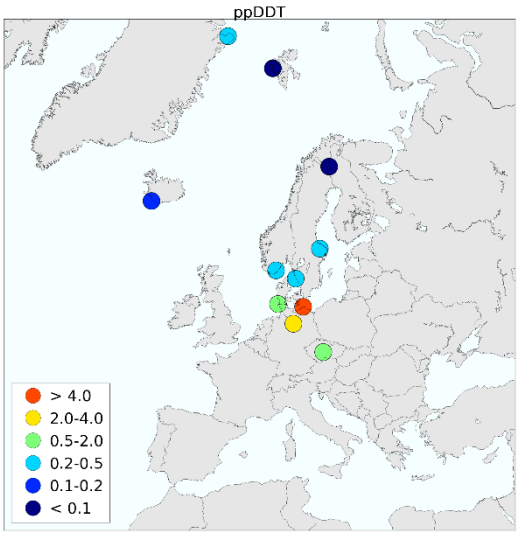

Figure 23: p,p'-DDT in air (pg/m³).

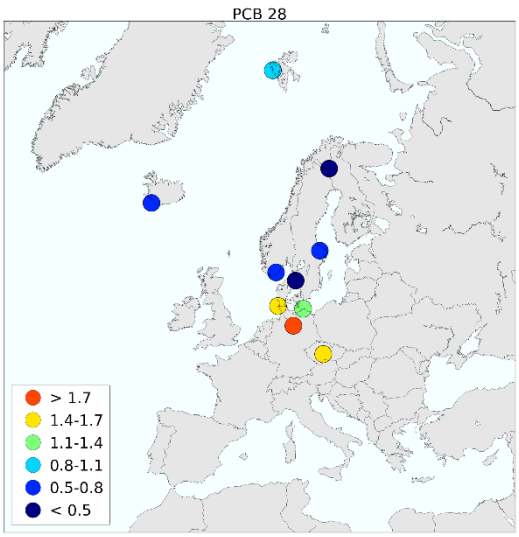

Figure 24: PCB-28 in air (pg/m³).

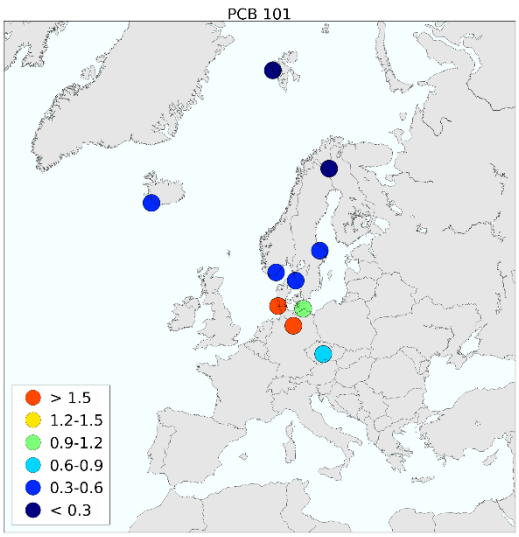

Figure 25: PCB-101 in air (pg/m³).

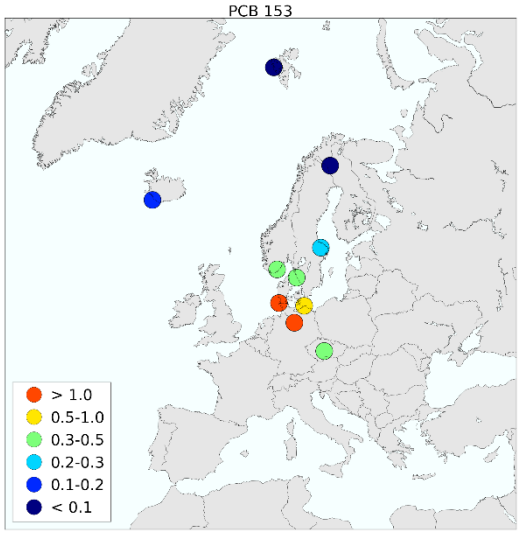

Figure 26: PCB-153 in air (pg/m³).

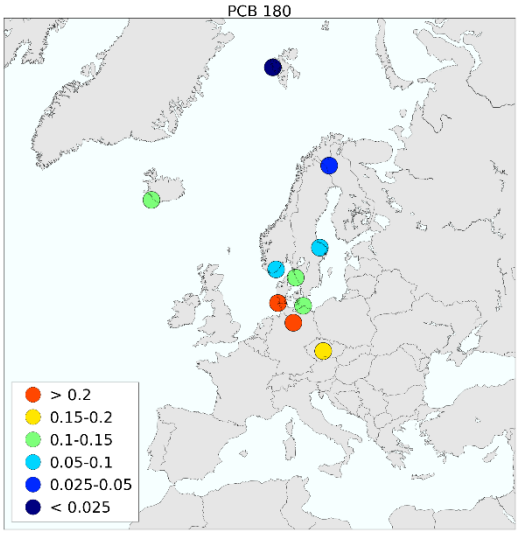

Figure 27: PCB-180 in air (pg/m³).

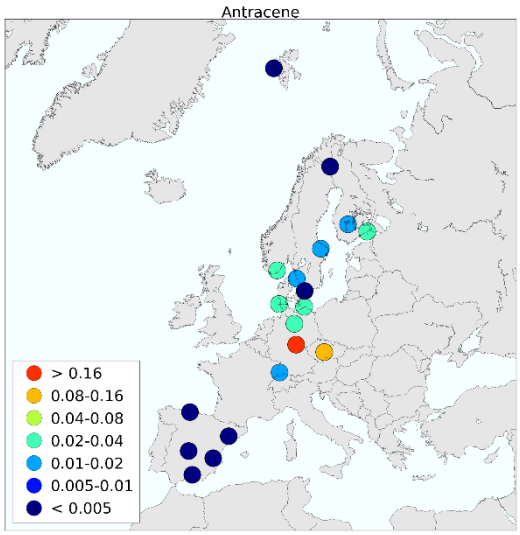

Figure 28: Anthracene in air (ng/m³).

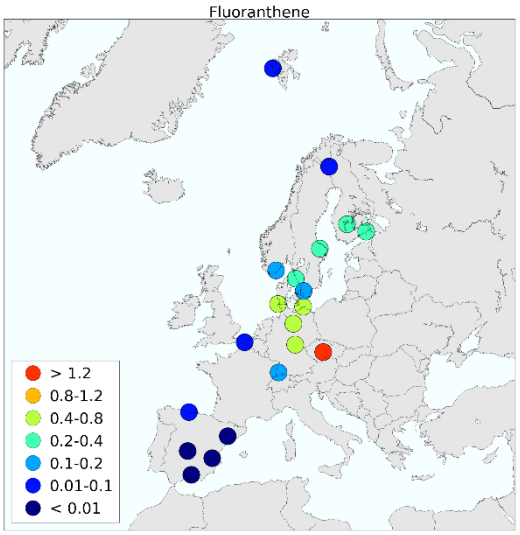

Figure 29: Fluoranthene in air (ng/m³).

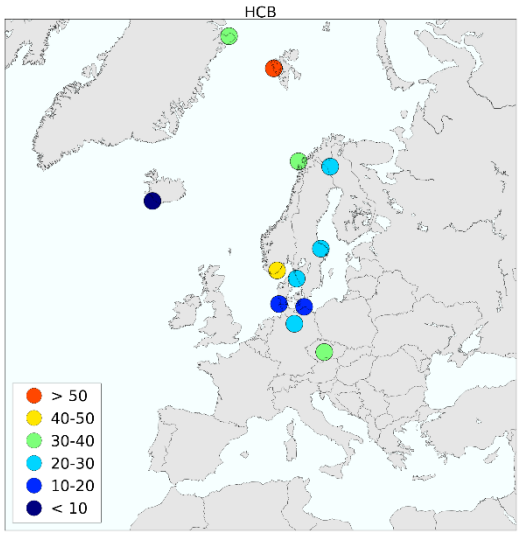

Figure 30: HCB in air (pg/m³).

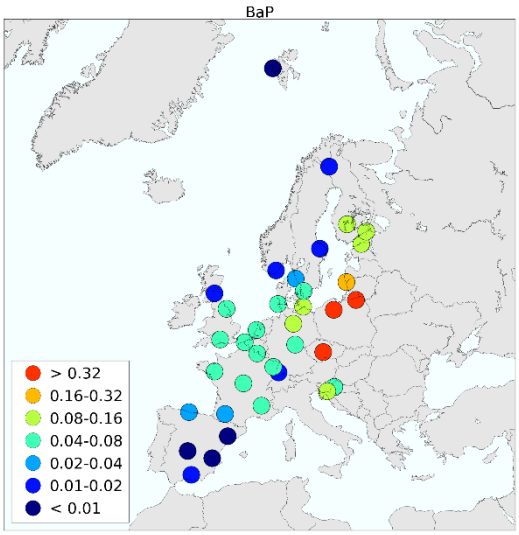

Figure 31: Benzo(a)pyrene in air (ng/m³).

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:

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

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

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

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

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

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

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

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

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

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

$$sd_g = exp\ (sdlnc)$$

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

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

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

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

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

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

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

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

Table 7: Units used for the measured components

Components	Units for W. mean, Min Max	Units for depositions
Amount precipitation	mm	mm
Heavy metals in precipitation	µg/l	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 20 August 2021. 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 2019, 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.

Table 8: Participating institutes and their data providers

Country	Institute	Data reporter
Belgium	Flanders Environment Agency	Elke Adriaenssens
Czech Republic	Czech Hydrometeorological Institute	Adela Holubova
Croatia	Croatian Meteorological and Hydrological Service,	Ksenija Kuna
Cyprus	Department of Labour Inspection, Ministry of Labour, Welfare & Social Insurance	Chrysanthos Savvides Christos Papadopoulos, Emily Vasiliadou
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	Ecole des Mines de Douai	Stéphane Sauvage, Aude Bourin
	FR90: Institut Universitaire Européen de la Mer, Université de Bretagne Occidentale	Matthieu Waeles
Germany	Umweltbundesamt, Langen	Stefan Feigenspan, Julian Rüdiger
Great Britain	AEA Technology and	Keith Vincent
	Centre for Ecology & Hydrology (CEH), Edinburgh	Heath M. Malcolm
Hungary	Hungarian Meterological Service	Krisztina Labancz, Zita Ferenczi
Iceland	The Icelandic Meteorological Office	Arni Sigurdsson
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, Mirian Wietses
Norway	Norwegian Institute for Air Research (NILU)	Wenche Aas, Pernilla Bohlin-Nizzetto
Poland	Institute of Meteorology and Water Management	Barbara Obminska
	PL05, PL09: Institute of Environmental Protection	Anna Degorska
Slovakia	Slovak Hydrometeorological Institute	Veronika Minarikova, Jana Matejovicova
Slovenia	Environmental Agency of the Republic of Slovenia	Marijana Murovec
Spain	Ministry for the Ecological Transition and the Demographic Challenge	Silvia Monge Villaverde
	ES1778: Institute of Environmental Assessment and Water Research (IDAEA)	Noemí Pérez
Sweden	IVL Swedish Environmental Research Institute	Karin Sjöberg, Michelle Nerentorp, Malin Fredricsson

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Appendix A

Annual statistics for heavy metals in precipitation

BE0014R Koksijde
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.01	0.26	31.1	0	41
Cd	precip	0.02	0.01	0.11	14.3	0	41
Cr	precip	0.11	0.05	0.90	77.3	0	41
Cu	precip	2.58	0.66	34.30	1819.5	0	41
Fe	precip	12.95	2.59	203.00	9125.7	0	41
Mn	precip	2.44	0.46	13.20	1722.0	0	41
Ni	precip	0.21	0.02	0.96	149.6	0	41
Pb	precip	0.41	0.06	1.98	290.5	0	41
Zn	precip	6.22	1.76	20.80	4380.4	0	41

CZ0003R Kosetice (NOAK)
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.03	0.01	0.28	20.5	41	135
Co	precip	0.03	0.00	0.21	21.1	6	135
Cr	precip	0.14	0.01	8.36	87.3	4	135
Hg	precip	13.60	1.00	46.00	8584.3	1	41
Ni	precip	1.53	0.04	30.90	963.7	0	135
Pb	precip	0.87	0.13	44.39	546.5	0	135
Se	precip	0.15	0.13	0.68	94.0	109	135
V	precip	0.16	0.01	0.75	102.0	0	135
Zn	precip	11.95	1.97	213.50	7538.7	0	135

CZ0005R Churanov
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.03	0.95	89.2	23	50
Cd	precip	0.02	0.01	0.18	18.5	21	50
Co	precip	0.02	0.00	0.44	22.9	7	50
Cr	precip	0.08	0.01	0.72	76.9	4	50
Cu	precip	1.80	0.25	17.79	1681.1	0	50
Fe	precip	33.55	1.73	347.50	31327.0	4	50
Ni	precip	0.16	0.01	1.04	145.2	2	50
Pb	precip	0.56	0.03	4.34	525.5	0	50
Se	precip	0.13	0.13	0.48	124.0	46	50
V	precip	0.13	0.02	1.33	119.5	0	50
Zn	precip	4.67	0.96	23.72	4358.0	0	50

DE0001R Westerland
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.02	0.88	40.8	0	50
Cd	precip	0.01	0.00	0.11	9.3	0	50
Co	precip	0.02	0.01	0.17	15.3	0	50
Cr	precip	0.09	0.02	0.40	82.6	0	50
Cu	precip	0.35	0.11	2.46	309.0	0	50
Fe	precip	12.91	2.99	166.06	11255.5	0	50
Hg	precip	4.44	1.27	18.13	4066.4	0	50
Mn	precip	1.02	0.19	16.89	888.1	0	50
Mo	precip	0.03	0.01	0.16	28.4	0	50
Ni	precip	0.08	0.04	0.47	73.3	0	50
Pb	precip	0.30	0.05	2.51	260.3	0	50
Sb	precip	0.06	0.03	0.39	51.5	0	50
Se	precip	0.09	0.05	0.47	76.4	0	50
Ti	precip	0.26	0.07	4.39	226.3	0	50
Tl	precip	0.00	0.00	0.03	2.6	0	50
V	precip	0.13	0.04	0.76	117.4	0	50
Zn	precip	1.96	0.52	25.64	1705.1	0	50

DE0002R Waldhof
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.01	0.33	35.2	0	48
Cd	precip	0.02	0.00	0.11	8.9	0	48
Co	precip	0.03	0.01	0.16	17.3	0	48
Cr	precip	0.13	0.04	0.58	73.1	0	48
Cu	precip	0.69	0.19	6.65	401.0	0	48
Fe	precip	28.55	6.41	163.05	16614.4	0	48
Hg	precip	6.45	2.18	24.39	3980.0	0	48
Mn	precip	2.61	0.28	25.05	1518.8	0	48
Mo	precip	0.04	0.01	0.17	24.7	0	48
Ni	precip	0.07	0.01	0.45	40.1	0	48
Pb	precip	0.45	0.06	2.75	263.8	0	48
Sb	precip	0.08	0.03	0.38	45.4	0	48
Se	precip	0.08	0.03	0.31	48.7	0	48
Ti	precip	0.59	0.11	3.80	344.9	0	48
Tl	precip	0.00	0.00	0.02	1.8	0	48
V	precip	0.22	0.03	1.30	128.8	0	48
Zn	precip	2.98	1.42	17.77	1734.2	0	48

DE0003R Schauinsland
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.03	0.01	0.31	53.3	0	46
Cd	precip	0.01	0.00	0.05	13.0	0	46
Co	precip	0.02	0.00	0.07	25.9	0	46
Cr	precip	0.08	0.02	0.39	129.8	0	46
Cu	precip	0.36	0.08	1.74	588.6	0	46
Fe	precip	11.36	2.75	121.73	18576.1	0	46
Hg	precip	5.67	1.44	24.27	9779.1	0	46
Mn	precip	1.09	0.15	5.54	1781.2	0	46
Mo	precip	0.03	0.01	0.10	43.4	0	46
Ni	precip	0.07	0.03	0.27	107.2	0	46
Pb	precip	0.21	0.03	1.21	348.5	0	46
Sb	precip	0.05	0.02	0.22	84.6	0	46
Se	precip	0.05	0.01	0.23	75.3	0	46
Ti	precip	0.27	0.04	1.33	449.7	0	46
Tl	precip	0.00	0.00	0.01	3.0	0	46
V	precip	0.08	0.02	0.33	128.0	0	46
Zn	precip	2.00	0.39	12.40	3271.1	0	46

DE0007R Neuglobsow
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.01	0.46	46.4	0	45
Cd	precip	0.01	0.00	0.06	8.5	0	45
Co	precip	0.03	0.01	0.14	17.4	0	45
Cr	precip	0.10	0.03	0.38	61.5	0	45
Cu	precip	0.82	0.17	3.73	522.8	0	45
Fe	precip	22.57	6.21	169.60	14413.6	0	45
Mn	precip	4.33	0.27	37.67	2766.3	0	45
Mo	precip	0.03	0.01	0.10	18.6	0	45
Ni	precip	0.12	0.04	0.39	76.0	0	45
Pb	precip	0.41	0.09	2.08	262.0	0	45
Sb	precip	0.06	0.04	0.21	41.1	0	45
Se	precip	0.07	0.03	0.31	47.6	0	45
Ti	precip	0.45	0.08	3.18	284.7	0	45
Tl	precip	0.00	0.00	0.01	1.9	0	45
V	precip	0.13	0.02	0.87	80.1	0	45
Zn	precip	3.49	1.04	10.65	2229.1	0	45

DE0008R Schmücke
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.01	0.36	49.5	0	49
Cd	precip	0.01	0.00	0.11	15.1	0	49
Co	precip	0.02	0.00	0.20	23.5	0	49
Cr	precip	0.09	0.01	0.82	106.9	0	49
Cu	precip	0.78	0.17	9.63	952.0	0	49
Fe	precip	14.66	0.62	191.77	17924.5	0	49
Hg	precip	4.64	1.45	17.86	5615.6	0	47
Mn	precip	1.53	0.18	17.29	1864.5	0	49
Mo	precip	0.04	0.01	0.18	50.3	0	49
Ni	precip	0.17	0.03	2.02	207.3	0	49
Pb	precip	0.41	0.08	2.68	499.5	0	48
Sb	precip	0.07	0.03	0.50	90.1	0	49
Se	precip	0.08	0.03	0.38	101.6	0	49
Ti	precip	0.26	0.00	4.47	323.4	0	49
Tl	precip	0.00	0.00	0.02	2.7	0	49
V	precip	0.07	0.02	0.65	89.0	0	49
Zn	precip	8.50	2.13	76.44	10392.3	0	49

DE0009R Zingst
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.02	0.45	47.8	0	46
Cd	precip	0.02	0.00	0.06	8.8	0	46
Co	precip	0.03	0.01	0.14	19.1	0	46
Cr	precip	0.12	0.03	0.36	68.5	0	46
Cu	precip	0.57	0.13	6.84	333.1	0	46
Fe	precip	26.05	4.11	181.27	15109.3	0	46
Hg	precip	6.83	0.57	15.79	4109.8	0	13
Mn	precip	2.99	0.33	18.74	1736.4	0	46
Mo	precip	0.03	0.01	0.07	16.8	0	46
Pb	precip	0.41	0.05	2.05	238.6	0	46
Sb	precip	0.07	0.03	0.20	42.4	0	46
Se	precip	0.09	0.03	0.21	51.0	0	46
Ti	precip	0.53	0.10	4.27	304.9	0	46
Tl	precip	0.00	0.00	0.01	2.3	0	46
V	precip	0.21	0.03	0.93	124.1	0	46
Zn	precip	2.58	0.93	12.47	1493.4	0	46

DK0005R Keldsnor
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.01	0.00	0.09	6.6	9	11
Cd	precip	0.00	0.00	0.15	1.6	8	11
Cr	precip	0.39	0.19	0.96	173.9	0	13
Cu	precip	2.09	0.93	8.44	932.2	0	13
Ni	precip	0.29	0.09	0.99	127.6	0	13
Pb	precip	1.84	0.95	5.39	819.1	0	13
Zn	precip	16.25	6.90	59.43	7245.0	0	13

DK0008R Anholt
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.01	0.00	0.06	3.5	11	12
Cd	precip	0.08	0.02	0.34	51.8	0	11
Cr	precip	0.45	0.09	2.25	294.8	0	11
Cu	precip	6.40	0.88	42.07	4195.6	0	11
Ni	precip	0.98	0.11	6.27	643.9	0	11
Pb	precip	3.07	0.58	17.67	2008.7	0	11
Zn	precip	32.54	7.88	144.46	21317.9	0	11

DK0012R Risoe
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.00	0.00	0.08	2.2	10	12
Cd	precip	0.02	0.01	0.04	20.6	0	13
Cr	precip	0.10	0.04	0.27	103.3	0	13
Cu	precip	0.98	0.41	2.82	1050.7	0	13
Ni	precip	0.17	0.08	0.40	180.4	0	13
Pb	precip	0.59	0.17	2.31	633.4	0	13
Zn	precip	9.19	3.72	19.40	9866.3	0	13

DK0022R Sepstrup Sande
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.03	0.61	57.0	0	13
Cd	precip	0.03	0.01	0.17	13.8	0	13
Cr	precip	0.15	0.04	1.25	64.8	0	13
Cu	precip	1.61	0.42	12.25	720.9	0	13
Ni	precip	0.31	0.08	2.88	138.5	0	13
Pb	precip	0.78	0.21	5.11	347.2	0	13
Zn	precip	12.17	5.00	58.89	5437.1	0	13

EE0009R Lahemaa
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.03	0.09	32.6	5	13
Cd	precip	0.06	0.01	0.50	53.0	3	13
Cu	precip	1.58	0.50	15.33	1341.3	4	13
Hg	precip	3.86	2.50	20.00	3275.3	11	13
Ni	precip	0.53	0.05	1.73	449.8	2	13
Pb	precip	0.61	0.19	8.80	520.4	0	13
Zn	precip	14.25	2.00	103.33	12078.4	0	13

EE0011R Vilsandi
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.04	0.01	0.32	29.2	6	13
Cu	precip	1.77	0.50	9.20	1190.0	7	13
Mn	precip	1.21	0.05	20.00	815.5	0	13
Ni	precip	0.42	0.05	1.90	285.0	6	13
Pb	precip	0.33	0.05	1.50	223.0	4	13
Zn	precip	4.15	1.00	50.00	2799.6	0	13

ES0008R Niembro

January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.15	0.00	1.28	168.2	4	34
Cd	precip	0.05	0.00	0.26	58.9	4	34
Cr	precip	1.63	0.00	14.71	1850.3	0	34
Cu	precip	8.76	0.00	37.14	9958.5	0	34
Hg	precip	12.09	0.00	64.32	11791.6	13	34
Ni	precip	2.95	0.00	22.75	3349.7	20	34
Pb	precip	1.37	0.00	7.66	1558.5	0	34
Zn	precip	37.92	0.00	256.24	43093.0	0	34

ES0009R Campisabalos

January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.02	0.56	80.6	9	39
Cd	precip	0.05	0.02	1.90	49.2	19	39
Cr	precip	1.72	0.92	31.12	1724.4	0	39
Cu	precip	9.50	0.46	165.76	9522.0	1	39
Ni	precip	1.06	0.51	14.51	1064.7	16	39
Pb	precip	2.98	0.37	130.46	2981.9	0	39
Zn	precip	41.49	7.00	405.25	41563.2	0	39

FI0018R Virolahti III
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	32.27	5.45	154.72	18145.3	0	12
As	precip	0.07	0.02	0.17	41.8	0	12
Cd	precip	0.03	0.00	0.07	14.8	0	12
Co	precip	0.02	0.01	0.11	12.6	0	12
Cr	precip	0.08	0.03	0.22	43.6	0	12
Cu	precip	0.72	0.42	1.53	405.3	0	12
Fe	precip	65.40	5.48	377.21	36770.7	0	12
Mn	precip	2.64	0.41	14.83	1485.7	0	12
Ni	precip	0.32	0.07	0.77	182.6	0	12
Pb	precip	0.71	0.14	2.06	400.9	0	12
V	precip	0.23	0.05	0.49	127.4	0	12
Zn	precip	3.87	1.22	8.99	2174.6	0	12

FI0036R Pallas (Matorova)
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	4.37	1.01	9.73	2684.9	0	12
As	precip	0.03	0.01	0.05	19.4	0	12
Cd	precip	0.01	0.00	0.02	5.8	0	12
Co	precip	0.01	0.00	0.01	4.4	0	12
Cr	precip	0.04	0.01	0.09	22.4	0	12
Cu	precip	0.42	0.29	0.62	258.4	0	12
Fe	precip	5.10	1.70	8.60	3130.3	0	12
Hg	precip	11.31	1.00	73.50	3157.8	0	24
Mn	precip	1.45	0.21	5.17	889.4	0	12
Ni	precip	0.35	0.07	1.14	214.1	0	12
Pb	precip	0.16	0.07	0.22	99.1	0	12
V	precip	0.09	0.03	0.15	52.9	0	12
Zn	precip	1.43	0.52	3.09	877.9	0	12

FI0050R Hyytiälä
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	11.71	3.59	34.87	7267.5	0	12
As	precip	0.06	0.03	0.17	39.8	0	12
Cd	precip	0.02	0.01	0.09	12.4	0	12
Co	precip	0.02	0.01	0.04	10.2	0	12
Cr	precip	0.06	0.03	0.14	37.9	0	12
Cu	precip	0.58	0.33	1.52	359.9	0	12
Fe	precip	15.65	4.62	51.81	9707.9	0	12
Mn	precip	2.23	0.55	5.09	1381.9	0	12
Ni	precip	0.24	0.07	0.44	150.8	0	12
Pb	precip	0.36	0.12	1.28	225.8	0	12
V	precip	0.12	0.07	0.30	75.1	0	12
Zn	precip	4.30	1.43	26.54	2669.9	0	12

FI0053R Hailuoto II
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	11.33	4.62	42.98	5092.0	0	13
As	precip	0.06	0.03	0.17	26.9	0	13
Cd	precip	0.02	0.00	0.07	6.8	0	13
Co	precip	0.03	0.01	0.25	12.4	0	13
Cr	precip	0.09	0.05	0.25	42.2	0	13
Cu	precip	0.62	0.30	2.15	277.5	0	13
Fe	precip	18.64	4.94	97.05	8380.9	0	13
Mn	precip	1.79	0.81	10.81	806.5	0	13
Ni	precip	0.31	0.09	0.97	137.2	0	13
Pb	precip	0.37	0.13	0.85	166.7	0	13
V	precip	0.28	0.08	0.82	125.9	0	13
Zn	precip	2.35	1.00	11.05	1057.3	0	13

FI0092R Hietajärvi
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	9.63	1.15	31.58	5569.7	0	12
As	precip	0.04	0.01	0.06	23.9	0	12
Cd	precip	0.01	0.01	0.07	8.7	0	12
Co	precip	0.01	0.00	0.04	7.0	0	12
Cr	precip	0.05	0.03	0.12	31.4	0	12
Cu	precip	0.50	0.26	1.97	290.7	0	12
Fe	precip	11.59	4.21	37.57	6699.7	0	12
Mn	precip	1.65	0.16	8.01	954.8	0	12
Ni	precip	0.26	0.06	0.82	150.6	0	11
Pb	precip	0.31	0.13	0.79	178.3	0	12
V	precip	0.12	0.07	0.25	67.6	0	12
Zn	precip	1.94	0.79	5.93	1122.5	0	12

FI0093R Kotinen
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	8.72	2.16	64.59	5500.6	0	12
As	precip	0.05	0.02	0.11	28.9	0	12
Cd	precip	0.01	0.00	0.04	8.1	0	11
Co	precip	0.01	0.01	0.09	7.9	0	12
Cr	precip	0.05	0.03	0.19	33.8	0	12
Cu	precip	0.52	0.28	1.27	328.6	0	12
Fe	precip	10.77	2.48	63.77	6789.8	0	12
Mn	precip	2.14	0.42	19.13	1351.2	0	12
Ni	precip	0.21	0.06	0.45	135.6	0	12
Pb	precip	0.30	0.09	0.71	192.0	0	12
V	precip	0.12	0.07	0.33	74.3	0	12
Zn	precip	2.32	1.01	6.87	1462.5	0	12

FR0090R Porspoder
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.04	0.25	55.8	0	13
Cd	precip	0.01	0.00	0.10	13.6	0	13
Co	precip	0.01	0.00	0.03	10.4	0	13
Cr	precip	0.04	0.01	0.11	34.4	0	13
Cu	precip	0.42	0.14	1.82	385.3	0	13
Ni	precip	0.29	0.22	0.53	269.5	0	13
Pb	precip	0.31	0.14	0.66	287.1	0	13
V	precip	0.27	0.16	0.97	254.0	0	13
Zn	precip	6.80	3.90	21.60	6297.9	0	13

GB0006R Lough Navar
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.00	0.17	185.4	1	8
Cd	precip	0.00	0.00	0.01	4.5	3	8
Cr	precip	0.06	0.02	0.12	91.3	3	8
Cu	precip	0.17	0.09	0.22	248.2	0	8
Ni	precip	0.05	0.03	0.10	73.4	0	8
Pb	precip	0.05	0.03	0.12	67.4	6	9
Zn	precip	0.88	0.50	1.44	1272.6	4	8

GB0013R Yarner Wood
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.00	0.54	101.2	2	35
Cd	precip	0.01	0.00	0.06	10.1	6	35
Cr	precip	0.06	0.02	0.29	70.0	16	35
Cu	precip	0.43	0.11	3.04	545.4	0	35
Hg	precip	3.09	2.00	12.00	3947.0	0	12
Ni	precip	0.20	0.05	2.72	255.4	0	35
Pb	precip	0.16	0.03	1.53	204.0	5	35
Zn	precip	2.85	0.50	17.30	3603.5	3	35

GB0017R Heigham Holmes
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.00	0.19	46.2	1	6
Cd	precip	0.01	0.00	0.02	6.2	0	5
Cr	precip	0.07	0.02	0.24	45.3	2	5
Cu	precip	0.92	0.32	1.24	570.2	0	5
Hg	precip	4.19	3.00	8.00	2459.0	0	11
Ni	precip	0.11	0.07	0.20	67.5	0	5
Pb	precip	0.32	0.20	0.55	199.9	0	5
Zn	precip	5.03	1.97	17.68	3109.8	0	5

GB0048R Auchencorth Moss
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	7.06	1.16	101.73	6131.0	0	43
As	precip	0.12	0.03	0.91	103.4	0	43
Ba	precip	0.84	0.03	6.23	733.2	10	39
Be	precip	0.00	0.00	0.01	2.2	35	44
Cd	precip	0.01	0.00	0.04	6.4	10	43
Co	precip	0.01	0.00	0.14	7.9	20	44
Cr	precip	0.06	0.02	0.29	55.8	18	44
Cs	precip	0.00	0.00	0.01	1.6	29	45
Cu	precip	0.49	0.05	5.27	429.6	0	43
Fe	precip	6.81	0.50	73.25	5915.4	4	43
Hg	precip	4.41	3.00	9.00	3489.1	0	12
Li	precip	0.03	0.00	0.12	25.9	1	43
Mn	precip	0.97	0.15	12.57	841.4	0	43
Mo	precip	0.02	0.01	0.12	18.5	38	45
Ni	precip	0.24	0.02	1.67	207.4	0	43
Pb	precip	0.18	0.03	1.68	152.0	9	43
Sb	precip	0.04	0.01	0.26	33.5	3	43
Se	precip	0.07	0.01	0.51	62.2	12	43
Sn	precip	0.05	0.00	0.41	44.9	1	43
Sr	precip	0.99	0.07	9.60	859.4	0	49
Ti	precip	0.17	0.02	2.50	143.3	6	43
U	precip	0.00	0.00	0.02	1.7	34	46
V	precip	0.20	0.04	1.98	175.0	0	43
W	precip	0.01	0.01	0.08	9.2	29	44
Zn	precip	5.64	0.50	42.41	4897.7	2	43

GB1055R Chilbolton Observatory
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	8.77	1.78	108.83	6649.4	0	32
As	precip	0.07	0.00	0.93	55.7	1	32
Ba	precip	0.99	0.03	12.23	748.6	7	32
Be	precip	0.00	0.00	0.02	1.8	31	34
Cd	precip	0.01	0.00	0.05	5.7	3	32
Co	precip	0.01	0.00	0.14	9.0	11	33
Cr	precip	0.06	0.02	0.29	49.2	19	34
Cs	precip	0.00	0.00	0.02	1.1	24	34
Cu	precip	0.40	0.08	1.48	300.3	0	32
Fe	precip	6.56	0.50	113.30	4972.8	5	32
Hg	precip	3.13	1.00	10.00	2230.2	0	9
Li	precip	0.04	0.01	0.20	32.8	0	32
Mn	precip	1.44	0.24	16.86	1095.6	0	32
Mo	precip	0.02	0.01	0.04	12.0	34	38
Ni	precip	0.13	0.04	1.01	99.9	0	32
Pb	precip	0.28	0.06	1.32	215.8	0	32
Sb	precip	0.04	0.01	0.15	27.7	0	32
Se	precip	0.07	0.01	0.18	52.3	11	34
Sn	precip	0.04	0.00	0.22	32.1	2	32
Sr	precip	1.33	0.35	10.04	1010.8	0	41
Ti	precip	0.18	0.02	1.73	134.1	3	32
U	precip	0.00	0.00	0.01	0.9	32	38
V	precip	0.21	0.00	2.11	162.0	2	32
W	precip	0.01	0.01	0.04	4.4	31	36
Zn	precip	3.67	0.50	24.67	2786.1	2	32

HU0002R K-puszta
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.06	0.05	0.19	46.6	25	29
Pb	precip	2.58	0.46	8.05	1980.6	9	33

IS0091R Storhofdi
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	143.82	8.80	519.10	231904.8	0	11
As	precip	0.07	0.03	0.17	108.4	3	11
Cd	precip	0.02	0.00	0.07	26.9	2	11
Co	precip	0.09	0.01	0.30	151.3	1	11
Cr	precip	0.35	0.05	0.90	571.7	2	11
Cu	precip	3.66	0.99	10.89	5907.9	0	11
Fe	precip	174.19	8.00	576.20	280887.6	0	11
Mn	precip	3.87	0.30	11.02	6234.3	0	11
Ni	precip	0.62	0.06	1.38	1007.4	0	11
Pb	precip	0.68	0.02	3.04	1092.0	1	11
V	precip	0.68	0.05	2.00	1096.3	0	11
Zn	precip	11.60	3.70	25.60	18702.8	0	11

LV0010R Rucava
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.16	0.10	0.70	109.5	29	34
Cd	precip	0.02	0.01	0.08	12.1	34	35
Hg	precip	9.91	1.50	52.00	6745.5	21	28
Ni	precip	0.55	0.45	4.00	373.3	35	36
Pb	precip	0.73	0.20	3.00	497.9	33	34

NL0010R Vredepeel
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.15	0.01	1.15	92.8	11	22
Cd	precip	0.07	0.01	0.26	42.7	5	22
Cr	precip	0.13	0.02	1.00	81.9	20	22
Cu	precip	2.30	0.48	16.27	1452.5	0	22
Fe	precip	64.44	7.26	292.63	40696.2	7	21
Ni	precip	0.23	0.04	2.29	145.2	16	22
Pb	precip	0.79	0.13	7.06	496.1	5	22
V	precip	0.32	0.05	2.37	201.0	7	22
Zn	precip	11.47	4.25	60.50	7241.9	0	22

NL0091R De Zilk
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.03	-0.01	0.13	28.3	46	46
Cd	precip	0.01	-0.02	0.07	7.5	41	46
Cr	precip	0.05	-0.01	0.52	50.2	46	46
Cu	precip	0.55	0.16	2.86	499.9	9	46
Fe	precip	11.08	0.56	82.65	10120.6	32	42
Hg	precip	10.95	3.00	66.00	7917.8	0	41
Ni	precip	0.23	0.01	1.56	207.7	31	43
Pb	precip	0.30	0.02	1.51	276.0	30	46
V	precip	0.16	0.05	0.51	147.3	32	46
Zn	precip	2.81	1.05	19.75	2569.4	33	46

NO0001R Birkenes
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.03	0.28	121.2	17	50
Cd	precip	0.01	0.00	0.06	27.2	7	50
Co	precip	0.02	0.00	0.14	31.2	9	50
Cr	precip	0.09	0.04	0.67	178.1	22	50
Cu	precip	4.31	0.11	60.94	8249.0	0	49
Hg	precip	3.81	0.10	14.00	7660.4	0	25
Mn	precip	1.38	0.10	24.18	2632.7	1	50
Ni	precip	0.16	0.03	1.30	297.2	5	50
Pb	precip	0.44	0.09	2.47	841.9	0	50
V	precip	0.15	0.04	0.70	287.5	0	50
Zn	precip	3.06	0.75	67.13	5854.5	0	50

NO0039R Kårvatn
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.01	0.00	0.07	10.2	21	48
Pb	precip	0.27	0.02	8.25	392.8	2	46
Zn	precip	2.59	0.30	19.12	3752.7	3	48

NO0056R Hurdal
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.03	0.00	0.30	36.9	5	49
Pb	precip	0.38	0.06	2.16	512.8	0	49
Zn	precip	3.75	0.66	33.19	5124.6	0	49

PL0004R Leba
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.01	0.01	0.07	7.4	0	13
Cr	precip	0.03	0.01	0.42	22.2	0	13
Cu	precip	0.50	0.25	5.17	353.5	0	13
Ni	precip	0.10	0.07	0.80	72.9	0	13
Pb	precip	0.20	0.08	1.53	143.7	0	13
Zn	precip	2.24	1.19	15.64	1579.5	0	13

PL0005R Diabla Gora

January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.27	0.20	1.10	151.1	0	12
Cd	precip	0.02	0.01	0.23	8.7	0	11
Cr	precip	0.10	0.02	2.20	56.0	0	12
Cu	precip	0.99	0.03	20.00	546.4	0	12
Hg	precip	1.95	0.60	5.10	1099.6	0	12
Ni	precip	0.55	0.06	7.00	307.4	0	11
Pb	precip	0.40	0.20	1.00	221.0	0	12
Zn	precip	4.90	0.50	75.00	2712.6	0	12

SE0005R Bredkälen
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.02	0.21	18.2	0	12
Cd	precip	0.02	0.00	0.12	8.0	0	12
Co	precip	0.01	0.00	0.06	5.4	0	12
Cr	precip	0.03	0.02	0.92	16.1	0	12
Cu	precip	0.43	0.12	1.33	208.1	0	12
Hg	precip	6.39	2.20	35.50	3794.7	0	24
Mn	precip	2.07	0.00	9.90	1011.7	0	12
Ni	precip	0.09	0.03	0.68	45.6	0	12
Pb	precip	0.17	0.03	1.17	83.3	0	12
V	precip	0.43	0.01	5.15	209.7	0	12
Zn	precip	4.06	1.24	16.12	1983.2	0	12

SE0014R Råö
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.03	0.19	50.4	0	12
Cd	precip	0.03	0.00	0.35	22.7	0	12
Co	precip	0.03	0.00	0.19	18.2	0	12
Cr	precip	0.05	0.02	0.18	34.2	0	12
Cu	precip	1.02	0.20	7.86	742.4	0	12
Hg	precip	5.80	2.60	872.10	4402.8	0	24
Mn	precip	2.42	0.10	15.90	1766.2	0	12
Ni	precip	0.09	0.03	0.29	65.7	0	12
Pb	precip	0.45	0.09	2.02	327.9	0	12
V	precip	0.38	0.12	4.42	274.4	0	12
Zn	precip	3.58	0.80	20.69	2611.2	0	12

SE0020R Hallahus
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.03	0.21	63.8	0	12
Cd	precip	0.04	0.00	0.79	25.8	0	12
Co	precip	0.02	0.00	0.11	15.5	0	12
Cr	precip	0.06	0.02	0.17	44.4	0	12
Cu	precip	1.89	0.46	18.26	1321.4	0	12
Hg	precip	7.05	4.20	314.70	7188.8	0	26
Mn	precip	10.67	0.20	60.60	7442.8	0	12
Ni	precip	0.22	0.05	1.20	156.4	0	12
Pb	precip	0.42	0.19	0.90	291.4	0	12
V	precip	0.44	0.16	1.70	308.0	0	12
Zn	precip	5.79	2.16	77.86	4040.1	0	12

SE0022R Norunda Stenen
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.03	0.66	37.8	0	12
Cd	precip	0.01	0.01	0.20	8.2	0	12
Co	precip	0.01	0.00	0.23	6.4	0	12
Cr	precip	0.04	0.02	0.48	24.4	0	12
Cu	precip	0.88	0.15	3.60	493.8	0	12
Mn	precip	1.49	0.00	29.70	838.7	0	12
Ni	precip	0.09	0.03	4.41	51.0	0	12
Pb	precip	0.20	0.09	1.63	111.8	0	12
V	precip	0.15	0.05	0.74	87.4	0	12
Zn	precip	2.76	0.99	22.29	1554.8	0	12

SI0008R Iskrba
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.00	1.39	82.1	41	42
Cd	precip	0.01	0.00	0.16	14.0	39	42
Co	precip	0.03	0.00	0.37	40.5	35	42
Cr	precip	0.03	0.00	1.27	46.2	41	42
Cu	precip	1.96	0.04	13.35	2765.6	22	42
Hg	precip	3.95	0.58	16.83	4740.6	1	14
Mn	precip	2.11	0.07	23.11	2981.5	13	42
Ni	precip	0.07	0.01	2.09	105.3	40	42
Pb	precip	0.36	0.03	4.71	511.7	25	42
V	precip	0.24	0.01	1.80	336.0	7	42
Zn	precip	2.00	0.17	37.67	2822.6	24	42

SK0002R Chopok
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.02	0.27	136.0	5	12
Cd	precip	0.05	0.01	0.26	71.2	1	12
Cr	precip	0.19	0.01	0.57	278.7	7	12
Cu	precip	1.15	0.06	3.19	1689.0	1	12
Ni	precip	0.29	0.09	0.94	424.3	5	12
Pb	precip	0.89	0.10	1.80	1311.1	1	12
Zn	precip	21.00	1.97	41.48	30815.4	0	12

SK0004R Stará Lesná
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.03	0.02	0.33	20.4	7	12
Cd	precip	0.05	0.01	0.15	31.4	5	12
Cr	precip	0.13	0.01	1.55	82.7	5	12
Cu	precip	1.02	0.29	6.72	652.1	0	12
Ni	precip	1.00	0.09	4.68	640.1	2	12
Pb	precip	0.60	0.25	5.33	385.8	0	12
Zn	precip	10.62	3.41	34.23	6818.4	0	12

SK0006R Starina
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.02	0.40	42.1	12	42
Cd	precip	0.06	0.01	0.46	35.0	13	42
Cr	precip	0.36	0.01	3.03	218.5	10	42
Cu	precip	1.15	0.21	3.41	705.8	0	41
Ni	precip	0.72	0.09	8.12	440.3	4	42
Pb	precip	1.26	0.27	6.73	771.1	0	42
Zn	precip	20.11	2.52	97.16	12342.7	0	42

SK0007R Topolniky
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.06	0.02	0.32	22.8	6	12
Cd	precip	0.02	0.01	0.06	9.9	0	12
Cr	precip	0.16	0.01	1.06	65.2	5	12
Cu	precip	0.98	0.22	6.14	396.0	0	12
Ni	precip	0.43	0.09	2.06	174.3	5	12
Pb	precip	0.80	0.33	3.94	323.5	0	12
Zn	precip	49.93	12.53	152.41	20133.4	0	12

ES0001R San Pablo de los Montes
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	0.06	0.02	0.11	-	1	4
Cd	precip+dry_dep	0.03	0.00	0.07	-	3	4
Cr	precip+dry_dep	0.20	0.04	0.47	-	2	4
Cu	precip+dry_dep	15.98	1.07	46.50	-	0	4
Hg	precip+dry_dep	1.83	0.84	2.50	-	1	4
Ni	precip+dry_dep	3.26	0.04	12.18	-	3	4
Pb	precip+dry_dep	0.20	0.04	0.31	-	1	4
Zn	precip+dry_dep	40.79	0.68	90.06	-	0	4

ES0007R Víznar
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	0.05	0.02	0.11	-	3	4
Cd	precip+dry_dep	0.03	0.00	0.07	-	3	4
Cr	precip+dry_dep	0.20	0.03	0.46	-	3	4
Cu	precip+dry_dep	6.57	1.15	11.63	-	0	4
Hg	precip+dry_dep	6.01	0.15	16.62	-	2	4
Ni	precip+dry_dep	0.97	0.14	2.27	-	3	4
Pb	precip+dry_dep	0.82	0.10	2.28	-	0	4
Zn	precip+dry_dep	35.85	1.70	76.98	-	0	4

ES0008R Niembro
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	21.34	10.27	36.64	-	0	4
Cd	precip+dry_dep	0.12	0.09	0.16	-	1	4
Cr	precip+dry_dep	0.71	0.28	1.05	-	2	4
Cu	precip+dry_dep	8.09	3.30	14.55	-	0	4
Hg	precip+dry_dep	8.51	2.50	20.46	-	4	4
Ni	precip+dry_dep	2.83	0.96	4.62	-	3	4
Pb	precip+dry_dep	0.45	0.14	0.81	-	2	4
Zn	precip+dry_dep	53.40	22.66	76.54	-	0	4

ES0012R Zarra
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	0.13	0.03	0.40	-	1	4
Cd	precip+dry_dep	0.03	0.01	0.08	-	2	4
Cr	precip+dry_dep	0.24	0.11	0.54	-	2	4
Cu	precip+dry_dep	8.86	7.56	10.57	-	0	4
Hg	precip+dry_dep	1.93	0.66	2.65	-	2	4
Ni	precip+dry_dep	0.95	0.20	2.65	-	2	4
Pb	precip+dry_dep	0.26	0.06	0.62	-	1	4
Zn	precip+dry_dep	11.37	5.32	17.83	-	1	4

ES0014R Els Torms
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip+dry_dep	0.11	0.02	0.31	-	1	4
Cd	precip+dry_dep	0.02	0.00	0.05	-	3	4
Cr	precip+dry_dep	0.52	0.06	1.55	-	1	4
Cu	precip+dry_dep	3.98	2.76	5.04	-	0	4
Hg	precip+dry_dep	2.98	0.44	7.78	-	3	4
Ni	precip+dry_dep	1.14	0.23	2.24	-	1	4
Pb	precip+dry_dep	0.34	0.11	0.72	-	0	4
Zn	precip+dry_dep	3.66	1.87	4.82	-	1	4

IT0019R Monte Martano
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip+dry_dep	2070610.96	349000.00	4254000.00	-	0	12
As	precip+dry_dep	627.84	100.00	1180.00	-	0	12
Ba	precip+dry_dep	23926.85	5000.00	53000.00	-	0	12
Cd	precip+dry_dep	256.82	20.00	1620.00	-	0	12
Co	precip+dry_dep	819.07	100.00	2980.00	-	0	12
Cr	precip+dry_dep	4447.15	820.00	7800.00	-	0	12
Cu	precip+dry_dep	11817.70	4300.00	25590.00	-	0	12
Fe	precip+dry_dep	1484800.00	306000.00	3261000.00	-	0	12
La	precip+dry_dep	2267.18	390.00	7180.00	-	0	12
Mn	precip+dry_dep	54621.10	8100.00	221300.00	-	0	12
Mo	precip+dry_dep	477.07	70.00	1080.00	-	0	12
Ni	precip+dry_dep	6039.92	390.00	15000.00	-	0	12
Pb	precip+dry_dep	6825.56	550.00	14550.00	-	0	12
Sb	precip+dry_dep	756.49	100.00	1660.00	-	0	12
Sn	precip+dry_dep	437.92	100.00	840.00	-	0	12
Sr	precip+dry_dep	11449.10	900.00	31400.00	-	0	12
Ti	precip+dry_dep	34804.11	8200.00	62200.00	-	0	12
V	precip+dry_dep	3991.56	730.00	7710.00	-	0	12
Zn	precip+dry_dep	141400.00	5000.00	395000.00	-	0	12

Appendix B

Annual statistics for heavy metals in air

BE0014R Koksijde
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.48	0.39	0.37	2.07	0.00	0.40	2.30	96.2	0	182
Cd	pm10	0.12	0.15	0.14	1.70	0.00	0.10	1.30	96.2	0	182
Cr	pm10	1.32	1.11	0.96	2.37	-0.10	1.00	6.20	96.2	0	182
Cu	pm10	3.55	2.86	2.74	2.09	0.10	2.60	18.60	96.2	0	182
Mn	pm10	8.39	9.35	5.44	2.59	0.60	5.20	63.70	96.2	0	182
Ni	pm10	2.14	2.17	1.47	2.43	0.20	1.50	11.90	95.6	0	181
Pb	pm10	4.11	3.72	2.92	2.35	0.20	2.80	20.60	96.2	0	182
Zn	pm10	15.88	14.25	11.37	2.33	0.80	10.75	82.20	96.2	0	182

CY0002R Agia Marina Xyliatou / Cyprus Atmosph...
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	453.96	824.02	216.16	3.45	6.03	260.63	8638.10	92.6	0	338
As	pm10	0.42	0.26	0.33	2.19	0.01	0.39	1.80	92.6	0	338
Cd	pm10	0.06	0.06	0.04	2.59	0.00	0.05	0.56	92.6	0	338
Cr	pm10	1.04	1.59	0.61	2.98	0.06	0.71	20.30	92.6	0	338
Cu	pm10	1.76	2.66	1.20	2.31	0.13	1.35	29.12	92.6	0	338
Fe	pm10	368.11	564.77	202.31	3.12	3.45	259.45	5864.60	92.6	0	338
Mn	pm10	7.38	9.28	4.47	2.92	0.12	6.00	93.84	92.6	0	338
Ni	pm10	0.88	1.17	0.90	2.87	0.00	0.50	10.58	92.6	0	338
Pb	pm10	4.60	-			0.00	0.00	48	92.6	0	338
V	pm10	2.82	2.08	2.09	2.39	0.06	2.43	14.44	92.6	0	338
Zn	pm10	11.21	8.84	8.45	2.23	0.52	9.86	66.38	92.6	0	338

CZ0003R Kosetice (NOAK)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.38	0.50	0.25	2.49	0.02	0.24	4.54	49.8	6	182
As	pm25	0.31	0.45	0.19	2.63	0.02	0.19	4.10	50.1	13	183
Cd	pm10	0.23	2.13	0.05	2.94	0.01	0.05	28.80	49.8	12	182
Cd	pm25	0.14	1.07	0.03	3.21	0.01	0.04	14.50	50.1	32	183
Co	pm10	0.04	0.04	0.03	2.52	0.00	0.03	0.22	49.8	0	182
Co	pm25	0.01	0.01	0.01	2.38	0.00	0.01	0.06	50.1	6	183
Cr	pm10	0.41	0.43	0.26	2.57	0.11	0.24	2.17	49.8	90	182
Cr	pm25	0.29	0.31	0.20	2.23	0.11	0.11	1.69	50.1	112	183
Cu	pm10	1.27	0.82	0.96	2.41	0.08	1.17	4.13	49.8	11	182
Cu	pm25	0.66	0.52	0.47	2.54	0.08	0.60	4.54	50.1	28	183
Fe	pm10	98.59	96.71	62.82	2.77	1.26	63.55	560.00	49.8	0	182
Fe	pm25	31.09	30.00	19.54	2.96	0.29	22.40	149.00	50.1	3	183
Mn	pm10	3.31	2.79	2.51	2.11	0.30	2.33	21.50	49.8	0	182
Mn	pm25	1.36	1.06	1.05	2.15	0.01	1.04	8.95	50.1	1	183
Ni	pm10	0.34	0.33	0.20	3.11	0.04	0.25	2.12	49.8	40	182
Ni	pm25	0.26	0.33	0.16	2.86	0.04	0.18	3.37	50.1	45	183
Pb	pm10	1.97	1.75	1.45	2.19	0.25	1.46	10.10	49.8	0	182
Pb	pm25	1.61	1.49	1.18	2.21	0.14	1.16	8.81	50.1	0	183
Se	pm10	0.27	0.20	0.21	2.03	0.09	0.25	1.11	49.8	65	182
Se	pm25	0.22	0.18	0.17	2.00	0.09	0.19	1.05	50.1	88	183
V	pm10	0.31	0.29	0.21	2.56	0.01	0.21	1.71	49.8	0	182
V	pm25	0.17	0.16	0.11	2.58	0.00	0.12	0.88	50.1	1	183
Zn	pm10	7.20	5.52	5.60	2.07	0.93	6.03	36.00	49.8	0	182
Zn	pm25	6.02	6.40	4.33	2.29	0.15	4.58	66.50	50.1	1	183

CZ0005R Churanov
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.20	0.08	2.85	0.02	0.08	1.51	49.8	59	182
Cd	pm10	0.03	0.04	0.01	2.84	0.01	0.01	0.19	49.8	94	182
Co	pm10	0.03	0.03	0.01	3.91	0.00	0.01	0.22	49.8	23	182
Cr	pm10	0.69	1.10	0.32	3.22	0.11	0.28	5.40	49.8	87	182
Cu	pm10	0.90	0.74	0.59	2.91	0.08	0.76	4.26	49.8	27	182
Fe	pm10	66.39	83.14	33.05	3.72	0.29	37.45	575.00	49.8	2	182
Mn	pm10	1.61	1.69	0.94	3.05	0.01	0.99	9.34	49.8	1	182
Ni	pm10	0.21	0.28	0.10	3.18	0.04	0.09	1.77	49.8	85	182
Pb	pm10	0.97	1.08	0.61	2.73	0.01	0.57	6.97	49.8	0	182
Se	pm10	0.14	0.10	0.12	1.65	0.09	0.09	0.93	49.8	136	182
V	pm10	0.20	0.24	0.11	3.21	0.00	0.12	1.58	49.8	0	182
Zn	pm10	3.99	3.51	2.71	2.74	0.15	3.10	23.50	49.8	10	182

DE0001R Westerland
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.20	0.18	2.12	0.03	0.17	1.07	92.0	0	48
Cd	pm10	0.05	0.05	0.04	2.38	0.00	0.03	0.26	92.0	0	48
Co	pm10	0.04	0.03	0.03	1.88	0.01	0.03	0.12	92.0	0	48
Cu	pm10	1.54	1.04	1.20	2.18	0.13	1.34	4.81	92.0	0	48
Fe	pm10	73.83	58.34	58.14	1.97	16.86	51.00	272.71	92.0	0	48
Mn	pm10	2.11	1.93	1.59	2.06	0.47	1.28	9.95	92.0	0	48
Mo	pm10	0.15	0.12	0.13	1.82	0.03	0.12	0.58	92.0	0	48
Ni	pm10	0.68	0.43	0.55	1.96	0.07	0.59	2.28	92.0	0	48
Pb	pm10	1.64	1.51	1.19	2.28	0.14	1.23	7.19	92.0	0	48
Sb	pm10	0.27	0.20	0.22	1.94	0.03	0.21	1.17	92.0	0	48
Se	pm10	0.44	0.20	0.40	1.60	0.11	0.44	1.06	92.0	0	48
Ti	pm10	2.67	3.35	1.69	2.44	0.49	1.54	16.48	92.0	0	48
Tl	pm10	0.01	0.01	0.01	2.09	0.00	0.01	0.08	92.0	0	48
V	pm10	0.68	0.43	0.57	1.83	0.19	0.55	1.78	92.0	0	48
Zn	pm10	7.05	6.53	4.87	2.45	0.68	4.88	27.02	92.0	0	48

DE0002R Waldhof
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.36	0.33	0.27	2.10	0.04	0.24	1.62	99.7	0	52
Cd	pm10	0.08	0.07	0.06	1.93	0.01	0.06	0.49	99.7	0	52
Co	pm10	0.05	0.05	0.03	2.09	0.00	0.03	0.39	99.7	0	52
Cu	pm10	1.98	0.98	1.73	1.79	0.13	1.80	5.69	97.8	0	51
Fe	pm10	112.74	109.99	88.71	1.93	18.09	87.86	781.80	99.7	0	52
Mn	pm10	3.27	3.24	2.50	2.07	0.29	2.48	22.45	99.7	0	52
Mo	pm10	0.26	0.28	0.18	2.26	0.02	0.19	1.75	99.7	0	52
Ni	pm10	0.23	0.15	0.18	2.10	0.05	0.19	0.71	97.8	0	51
Pb	pm10	2.65	2.29	2.10	1.91	0.54	1.76	13.59	99.7	0	52
Sb	pm10	0.38	0.33	0.31	1.80	0.07	0.30	2.37	99.7	0	52
Se	pm10	0.49	0.35	0.43	1.65	0.13	0.44	2.61	99.7	0	52
Hg (TGM)	air	1.60	0.19	1.59	1.12	1.27	1.58	2.30	99.7	0	364
Ti	pm10	3.55	3.89	2.29	2.51	0.46	2.11	18.54	99.7	0	52
Tl	pm10	0.02	0.02	0.01	2.01	0.00	0.01	0.10	99.7	0	52
V	pm10	0.46	0.57	0.33	2.19	0.03	0.34	4.08	99.7	0	52
Zn	pm10	11.09	9.70	8.60	2.01	1.43	7.83	58.84	99.7	0	52

DE0003R Schauinsland
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.09	0.08	0.06	2.33	0.01	0.07	0.55	99.7	0	52
Cd	pm10	0.02	0.02	0.02	2.05	0.00	0.02	0.09	99.7	0	52
Co	pm10	0.03	0.03	0.02	2.86	0.00	0.02	0.13	99.7	0	52
Cu	pm10	1.13	0.94	0.73	2.87	0.13	0.74	3.62	99.7	0	52
Fe	pm10	70.86	66.26	40.15	3.56	1.79	60.50	340.16	99.7	0	52
Mn	pm10	1.56	1.36	0.95	3.11	0.08	1.31	6.67	99.7	0	52
Mo	pm10	0.11	0.08	0.08	2.37	0.01	0.08	0.34	99.7	0	52
Ni	pm10	0.22	0.15	0.16	2.23	0.05	0.20	0.87	99.7	0	52
Pb	pm10	0.87	0.62	0.67	2.13	0.09	0.75	3.03	99.7	0	52
Sb	pm10	0.19	0.14	0.14	2.24	0.02	0.14	0.56	99.7	0	52
Se	pm10	0.13	0.09	0.10	2.25	0.01	0.11	0.41	99.7	0	52
Hg (TGM)	air	1.30	0.14	1.30	1.11	0.98	1.27	1.83	76.2	0	278
Ti	pm10	2.48	3.05	1.14	4.15	0.06	1.60	13.85	99.7	0	52
Tl	pm10	0.01	0.00	0.00	2.22	0.00	0.00	0.02	99.7	0	52
V	pm10	0.23	0.21	0.14	3.16	0.01	0.21	1.05	99.7	0	52
Zn	pm10	4.20	3.06	3.13	2.29	0.68	3.28	12.67	97.8	0	51

DE0007R Neuglobsow
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.42	0.41	0.28	2.50	0.04	0.28	1.93	99.7	0	52
Cd	pm10	0.08	0.07	0.06	2.15	0.01	0.06	0.31	99.7	0	52
Co	pm10	0.03	0.03	0.03	1.97	0.01	0.02	0.13	99.7	0	52
Cu	pm10	1.48	0.80	1.27	1.86	0.13	1.43	4.53	99.7	0	52
Fe	pm10	75.92	50.44	62.85	1.88	14.07	65.42	279.63	99.7	0	52
Mn	pm10	2.49	1.64	2.06	1.88	0.43	2.20	8.56	99.7	0	52
Mo	pm10	0.14	0.08	0.11	2.06	0.01	0.13	0.39	99.7	0	52
Pb	pm10	2.50	2.11	1.89	2.12	0.30	1.79	10.06	99.7	0	52
Sb	pm10	0.33	0.20	0.28	1.88	0.06	0.27	0.85	99.7	0	52
Se	pm10	0.41	0.19	0.36	1.69	0.08	0.38	0.85	99.7	0	52
Ti	pm10	2.76	2.71	1.88	2.42	0.37	1.76	12.25	99.7	0	52
Tl	pm10	0.02	0.02	0.01	2.46	0.00	0.01	0.11	99.7	0	52
V	pm10	0.35	0.19	0.30	1.71	0.11	0.33	0.88	99.7	0	52
Zn	pm10	9.12	6.64	7.01	2.20	0.68	7.63	31.72	99.7	0	52

DE0008R Schmücke
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Hg (TGM)	air	1.51	0.14	1.50	1.09	1.12	1.51	2.01	78.1	0	285

DE0009R Zingst
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.32	0.31	0.22	2.30	0.05	0.20	1.30	99.7	0	52
Cd	pm10	0.07	0.06	0.05	2.17	0.01	0.04	0.31	99.7	0	52
Co	pm10	0.04	0.04	0.03	2.01	0.01	0.03	0.18	99.7	0	52
Cu	pm10	1.44	0.77	1.24	1.83	0.13	1.28	3.87	99.7	0	52
Fe	pm10	70.58	65.53	55.35	1.92	16.17	52.12	360.04	99.7	0	52
Mn	pm10	2.20	2.29	1.69	1.96	0.45	1.58	13.50	99.7	0	52
Mo	pm10	0.13	0.10	0.11	2.00	0.02	0.10	0.46	99.7	0	52
Ni	pm10	0.68	0.37	0.58	1.80	0.09	0.57	1.59	99.7	0	52
Pb	pm10	2.07	1.69	1.55	2.18	0.27	1.37	7.59	99.7	0	52
Sb	pm10	0.29	0.19	0.24	1.89	0.05	0.23	0.85	99.7	0	52
Se	pm10	0.38	0.18	0.34	1.69	0.07	0.36	0.94	99.7	0	52
Hg (TGM)	air	1.45	0.15	1.44	1.11	1.06	1.45	2.07	97.8	0	357
Ti	pm10	2.79	4.15	1.67	2.55	0.27	1.63	23.34	99.7	0	52
Tl	pm10	0.02	0.02	0.01	2.49	0.00	0.01	0.08	99.7	0	52
V	pm10	1.23	0.91	0.93	2.15	0.21	0.87	3.41	99.7	0	52
Zn	pm10	7.51	6.18	5.66	2.11	1.73	5.11	25.69	99.7	0	52

DK0008R Anholt
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.23	0.25	0.16	2.44	-0.08	0.15	1.90	93.9	8	343
Cd	aerosol	0.04	0.05	0.02	3.26	-0.00	0.02	0.32	93.9	98	343
Ni	aerosol	0.51	0.59	0.31	2.93	-0.05	0.34	6.27	92.2	3	337
Pb	aerosol	1.18	1.49	0.60	3.80	-0.10	0.59	9.51	93.6	17	342

DK0010G Villum Research Station, Station Nord
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.05	0.07	0.02	5.05	0.00	0.03	0.30	67.7	1	37
Cd	aerosol	0.01	0.02	0.01	4.26	0.00	0.01	0.07	67.7	24	37
Hg	air	1.13	0.30	1.06	1.51	0.07	1.18	2.44	86.7	0	7591
Ni	aerosol	0.03	0.03	0.02	2.58	0.00	0.02	0.13	67.7	7	37
Pb	aerosol	0.32	0.39	0.13	4.63	0.01	0.15	1.65	67.7	5	37

DK0012R Risoe
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.34	0.39	0.22	2.86	-0.10	0.22	3.06	92.1	19	337
Cd	aerosol	0.06	0.13	0.03	3.37	-0.00	0.03	1.73	92.3	72	338
Ni	aerosol	0.54	0.44	0.39	2.38	-0.09	0.45	3.23	92.3	2	338
Pb	aerosol	1.60	2.54	0.81	3.88	-0.24	0.77	33.15	92.1	25	337

EE0009R Lahemaa
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.10	0.07	0.09	1.53	0.06	0.08	0.40	98.1	0	52
Cd	pm10	0.04	0.02	0.04	1.45	0.03	0.03	0.14	98.1	0	52
Hg	air	1.46	0.20	1.44	1.16	0.60	1.46	3.96	99.8	0	8739
Ni	pm10	0.23	0.24	0.18	1.86	0.10	0.17	1.62	98.1	0	52
Pb	pm10	1.03	0.74	0.81	1.98	0.16	0.75	3.66	98.1	0	52

ES0001R San Pablo de los Montes
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.11	0.14	2.01	0.05	0.16	0.42	16.4	15	60
Cd	pm10	0.02	0.01	0.02	1.80	0.01	0.01	0.08	16.4	33	60
Cr	pm10	0.66	0.29	0.60	1.59	0.19	0.74	1.54	16.4	22	60
Ni	pm10	0.65	0.44	0.55	1.69	0.23	0.42	2.28	16.4	22	60
Pb	pm10	0.90	0.66	0.71	2.05	0.10	0.73	3.92	16.4	1	60
Zn	pm10	4.55	2.90	3.81	1.80	1.25	3.27	12.75	16.4	14	60

ES0007R Víznar
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.11	0.15	1.98	0.05	0.18	0.51	16.4	13	60
Cd	pm10	0.03	0.04	0.02	2.05	0.01	0.03	0.31	16.4	20	60
Cr	pm10	0.75	0.39	0.67	1.64	0.24	0.77	2.27	16.4	12	60
Ni	pm10	1.72	0.96	1.46	1.82	0.42	1.59	4.87	16.4	3	60
Pb	pm10	1.23	0.97	1.01	1.86	0.23	1.04	6.76	16.4	0	60
Zn	pm10	5.96	4.62	4.70	1.98	1.09	4.44	25.14	16.4	6	60

ES0008R Niembro
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.11	0.12	2.07	0.05	0.16	0.52	13.7	18	50
Cd	pm10	0.12	0.11	0.08	2.79	0.01	0.09	0.57	13.7	5	50
Cr	pm10	0.87	0.61	0.72	1.84	0.21	0.78	2.85	13.7	17	50
Ni	pm10	0.69	0.45	0.58	1.82	0.21	0.51	2.03	13.7	6	50
Pb	pm10	2.71	2.55	1.87	2.44	0.26	2.20	13.38	13.7	0	50
Hg (TGM)	air	0.57	0.21	0.54	1.43	0.02	0.50	2.80	49.8	0	4359
Zn	pm10	13.32	11.77	9.07	2.54	0.97	8.84	46.97	13.7	4	50

ES0009R Campisabalos
January 2019 - December 2019

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	1.84	0.05	0.05	0.36	16.4	33	60
Cd	pm10	0.02	0.01	0.01	1.68	0.01	0.01	0.04	16.4	41	60
Cr	pm10	0.67	0.35	0.59	1.73	0.18	0.78	1.95	16.4	26	60
Cu	pm10	2.23	1.17	2.02	1.54	0.82	2.12	8.99	16.4	0	60
Ni	pm10	0.45	0.18	0.43	1.36	0.22	0.42	1.26	16.4	39	60
Pb	pm10	0.82	0.71	0.61	2.25	0.10	0.62	4.21	16.4	1	60
Zn	pm10	3.81	3.16	3.22	1.70	1.23	2.77	24.06	16.4	12	60

ES0014R Els Torms
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.10	0.12	2.01	0.05	0.14	0.44	16.6	21	61
Cd	pm10	0.03	0.02	0.02	1.94	0.01	0.02	0.09	16.6	24	61
Cr	pm10	0.65	0.30	0.59	1.60	0.19	0.65	1.53	16.6	16	61
Cu	pm10	4.69	2.11	4.35	1.49	2.08	4.16	11.90	16.6	0	61
Ni	pm10	0.56	0.35	0.49	1.58	0.23	0.42	1.88	16.6	32	61
Pb	pm10	1.00	0.68	0.82	1.90	0.15	0.84	3.43	16.6	0	61
Zn	pm10	8.77	5.87	7.38	1.79	1.82	7.09	35.05	16.6	1	61

ES1778R Montseny
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm1	28.16	54.02	12.02	3.11	5.00	5.00	350.00	23.8	46	87
Al	pm10	197.56	287.27	83.20	4.22	5.00	95.00	1370.00	24.7	10	90
Al	pm25	92.26	143.21	37.98	3.72	5.00	30.00	620.00	20.0	9	73
As	pm1	0.07	0.03	0.06	1.86	0.01	0.07	0.14	23.8	11	87
As	pm10	0.12	0.07	0.10	1.96	0.01	0.10	0.38	24.7	4	90
As	pm25	0.08	0.04	0.07	1.80	0.01	0.08	0.21	20.0	3	73
Ba	pm1	0.41	0.81	0.06	7.15	0.01	0.01	3.78	23.8	54	87
Ba	pm10	1.87	2.17	0.64	7.68	0.01	1.38	11.32	24.7	18	90
Ba	pm25	0.54	0.73	0.14	7.42	0.01	0.38	3.92	20.0	31	73
Bi	pm1	0.07	0.11	0.04	2.76	0.01	0.03	0.87	23.8	41	87
Bi	pm10	0.09	0.14	0.05	2.83	0.01	0.04	0.92	24.7	28	90
Bi	pm25	0.09	0.15	0.05	2.88	0.01	0.05	0.90	20.0	23	73
Cd	pm1	0.03	0.02	0.02	1.67	0.01	0.01	0.10	23.8	53	87
Cd	pm10	0.03	0.02	0.02	1.72	0.01	0.01	0.08	24.7	58	90
Cd	pm25	0.03	0.02	0.03	1.73	0.01	0.03	0.10	20.0	34	73
Ce	pm1	0.06	0.09	0.04	2.48	0.01	0.04	0.51	23.8	34	87
Ce	pm10	0.22	0.27	0.13	2.92	0.01	0.13	1.31	24.7	9	90
Ce	pm25	0.10	0.14	0.05	3.15	0.01	0.05	0.53	20.0	27	73
Co	pm1	0.02	0.01	0.02	1.34	0.01	0.01	0.05	23.8	78	87
Co	pm10	0.08	0.09	0.05	2.84	0.01	0.05	0.50	24.7	34	90
Co	pm25	0.03	0.02	0.02	1.83	0.01	0.01	0.10	20.0	42	73
Cr	pm1	0.58	2.31	0.05	6.83	0.01	0.01	20.06	23.8	63	87
Cr	pm10	0.31	0.68	0.05	6.09	0.01	0.01	4.16	24.7	57	90
Cr	pm25	1.78	6.74	0.06	9.11	0.01	0.01	39.64	20.0	46	73
Cu	pm1	0.70	0.85	0.28	5.29	0.01	0.47	5.39	23.8	16	87
Cu	pm10	1.87	1.35	1.43	2.26	0.06	1.66	7.29	24.7	0	90
Cu	pm25	1.11	1.16	0.58	4.28	0.01	0.86	6.29	20.0	7	73
Fe	pm1	5.80	2.63	5.50	1.33	5.00	5.00	20.00	23.8	77	87
Fe	pm10	130.22	159.37	76.06	2.85	5.00	70.00	800.00	24.7	2	90
Fe	pm25	44.79	58.16	23.09	3.21	5.00	20.00	270.00	20.0	18	73
La	pm1	0.04	0.06	0.03	2.16	0.01	0.01	0.37	23.8	51	87
La	pm10	0.14	0.16	0.08	2.77	0.01	0.08	0.76	24.7	12	90
La	pm25	0.06	0.08	0.03	2.74	0.01	0.03	0.38	20.0	36	73

ES1778R Montseny (cont.)
January 2019 - December 2019

Li	pm1	0.01	0.01	0.01	2.14	0.01	0.01	0.10	23.8	72	87
Li	pm10	0.13	0.17	0.06	4.03	0.01	0.08	0.93	24.7	16	90
Li	pm25	0.04	0.06	0.02	3.80	0.01	0.03	0.26	20.0	34	73
Mn	pm1	0.33	0.25	0.18	4.62	0.01	0.29	1.07	23.8	10	87
Mn	pm10	2.72	2.66	1.77	3.23	0.01	1.89	13.69	24.7	2	90
Mn	pm25	1.29	1.28	0.80	3.38	0.01	0.89	7.36	20.0	2	73
Ni	pm1	0.39	0.53	0.12	5.97	0.01	0.19	3.32	23.8	33	87
Ni	pm10	0.31	0.43	0.09	5.71	0.01	0.14	1.87	24.7	39	90
Ni	pm25	0.36	0.56	0.09	6.22	0.01	0.09	2.85	20.0	33	73
Pb	pm1	0.96	0.61	0.79	1.88	0.18	0.78	3.05	23.8	0	87
Pb	pm10	1.22	0.77	1.00	1.93	0.09	1.00	4.17	24.7	0	90
Pb	pm25	1.20	0.68	1.00	1.99	0.04	1.01	3.41	20.0	0	73
Rb	pm1	0.06	0.03	0.06	1.55	0.01	0.05	0.24	23.8	1	87
Rb	pm10	0.33	0.35	0.23	2.29	0.06	0.22	1.64	24.7	0	90
Rb	pm25	0.14	0.13	0.11	2.06	0.01	0.09	0.57	20.0	1	73
Sb	pm1	0.12	0.10	0.09	2.49	0.01	0.10	0.48	23.8	12	87
Sb	pm10	0.23	0.16	0.19	2.00	0.03	0.20	0.90	24.7	0	90
Sb	pm25	0.17	0.11	0.13	2.06	0.01	0.16	0.54	20.0	2	73
Se	pm1	0.04	0.03	0.03	2.10	0.01	0.01	0.17	23.8	50	87
Se	pm10	0.05	0.05	0.03	2.43	0.01	0.02	0.26	24.7	45	90
Se	pm25	0.05	0.04	0.03	2.21	0.01	0.03	0.17	20.0	32	73
Sn	pm1	0.15	0.08	0.12	2.07	0.01	0.14	0.35	23.8	5	87
Sn	pm10	0.27	0.19	0.21	2.14	0.01	0.23	1.18	24.7	1	90
Sn	pm25	0.20	0.10	0.17	2.09	0.01	0.20	0.51	20.0	3	73
Sr	pm1	0.07	0.09	0.04	2.92	0.01	0.01	0.49	23.8	44	87
Sr	pm10	1.17	1.53	0.65	3.40	0.01	0.76	9.09	24.7	4	90
Sr	pm25	0.34	0.55	0.12	4.56	0.01	0.16	2.87	20.0	19	73
Th	pm1	0.02	0.01	0.02	1.62	0.01	0.01	0.07	23.8	67	87
Th	pm10	0.04	0.04	0.03	2.14	0.01	0.01	0.18	24.7	55	90
Th	pm25	0.03	0.02	0.02	1.79	0.01	0.01	0.13	20.0	55	73
Ti	pm1	0.84	1.13	0.30	6.39	0.01	0.49	5.49	23.8	10	87
Ti	pm10	12.08	16.32	6.11	3.74	0.01	6.13	80.04	24.7	1	90
Ti	pm25	4.45	5.81	2.48	2.89	0.19	2.17	26.11	20.0	0	73
Tl	pm1	0.01	0.00	0.01	1.00	0.01	0.01	0.01	23.8	87	87
Tl	pm10	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.7	90	90
Tl	pm25	0.01	0.00	0.01	1.00	0.01	0.01	0.01	20.0	73	73
U	pm1	0.04	0.03	0.03	2.12	0.01	0.01	0.13	23.8	47	87
U	pm10	0.04	0.04	0.03	2.17	0.01	0.01	0.18	24.7	57	90
U	pm25	0.03	0.02	0.02	1.79	0.01	0.01	0.09	20.0	54	73
V	pm1	0.91	0.84	0.54	3.31	0.01	0.59	4.11	23.8	3	87
V	pm10	1.22	0.94	0.92	2.16	0.12	0.95	4.36	24.7	0	90
V	pm25	1.14	0.93	0.76	2.88	0.01	0.93	4.60	20.0	1	73
Zn	pm1	3.84	2.68	2.26	4.69	0.01	3.39	10.82	23.8	6	87
Zn	pm10	6.17	4.09	4.43	3.08	0.01	5.32	18.40	24.7	2	90
Zn	pm25	10.26	5.28	6.91	4.71	0.01	9.45	25.20	20.0	4	73

FI0018R Virolahti III
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	197.35	254.42	75.48	4.42	5.70	52.02	900.77	97.5	0	51
As	pm10	0.21	0.21	0.17	1.77	0.06	0.17	1.55	97.5	0	51
Cd	pm10	0.05	0.04	0.04	2.06	0.01	0.03	0.19	97.5	0	51
Co	pm10	0.04	0.03	0.03	2.17	0.01	0.03	0.12	97.5	0	51
Cr	pm10	0.32	0.20	0.23	2.75	0.01	0.33	0.89	97.5	2	51
Cu	pm10	0.81	0.47	0.70	1.73	0.24	0.73	2.54	97.5	0	51
Fe	pm10	157.48	192.45	71.15	3.77	7.60	49.76	749.22	97.5	0	51
Mn	pm10	2.69	2.61	1.71	2.65	0.35	1.31	9.45	97.5	0	51
Ni	pm10	0.41	0.26	0.35	1.79	0.11	0.38	1.51	97.5	0	51
Pb	pm10	1.66	1.18	1.28	2.13	0.24	1.46	5.16	97.5	0	51
V	pm10	0.77	0.47	0.62	2.07	0.07	0.71	2.06	97.5	0	51
Zn	pm10	6.63	5.15	5.35	1.94	1.00	5.49	34.40	97.5	0	51

FI0036R Pallas (Matorova)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	24.04	44.78	7.89	4.52	0.43	6.53	207.29	97.4	0	51
As	pm10	0.10	0.13	0.07	2.59	0.01	0.06	0.70	97.4	0	51
Cd	pm10	0.02	0.02	0.01	2.90	0.00	0.01	0.09	97.4	1	51
Co	pm10	0.02	0.02	0.01	2.75	0.00	0.01	0.06	97.4	1	51
Cr	pm10	0.16	0.18	0.10	3.17	0.01	0.12	0.87	97.4	5	51
Cu	pm10	0.48	0.55	0.29	2.85	0.06	0.32	2.84	97.4	0	51
Fe	pm10	22.32	35.45	11.07	3.09	0.98	8.46	175.60	97.4	0	51
Hg	aerosol	1.71	1.65	1.32	1.96	0.40	1.10	9.00	90.1	0	47
Hg	air+aerosol	1.27	0.23	1.25	1.26	0.40	1.30	1.70	24.7	0	90
Mn	pm10	0.57	0.74	0.30	3.12	0.05	0.29	3.49	97.4	0	51
Ni	pm10	0.25	0.33	0.13	3.98	0.00	0.16	1.97	97.4	2	51
Pb	pm10	0.56	0.68	0.30	3.25	0.03	0.33	3.50	97.4	0	51
V	pm10	0.36	0.56	0.19	3.06	0.03	0.18	2.82	97.4	0	51
Zn	pm10	1.81	1.97	1.14	2.60	0.21	0.93	7.66	97.4	0	51

FI0050R Hyytiälä
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	42.21	44.49	24.03	3.18	1.99	23.68	208.48	96.0	0	51
As	pm10	0.17	0.09	0.15	1.59	0.06	0.15	0.50	96.0	0	51
Cd	pm10	0.04	0.03	0.03	1.92	0.01	0.03	0.14	96.0	0	51
Co	pm10	0.03	0.04	0.02	2.51	0.00	0.02	0.24	96.0	1	51
Cr	pm10	0.20	0.14	0.15	2.62	0.01	0.19	0.57	96.0	3	51
Cu	pm10	0.55	0.35	0.46	1.78	0.12	0.45	1.99	96.0	0	51
Fe	pm10	36.23	33.71	24.39	2.56	3.95	22.70	166.65	96.0	0	51
Mn	pm10	1.37	1.19	1.04	2.15	0.22	1.01	6.42	96.0	0	51
Ni	pm10	0.23	0.14	0.19	1.89	0.02	0.20	0.83	96.0	0	51
Pb	pm10	0.89	0.93	0.69	1.97	0.22	0.64	5.68	96.0	0	51
V	pm10	0.30	0.21	0.25	1.95	0.05	0.24	0.97	96.0	0	51
Zn	pm10	4.83	3.36	4.06	1.79	1.50	3.52	15.88	96.0	0	51

FR0008R Donon
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.16	0.08	0.14	1.59	0.06	0.14	0.42	99.4	0	26
Cd	pm10	0.04	0.02	0.03	1.53	0.02	0.03	0.11	99.4	0	26
Ni	pm10	0.41	0.17	0.38	1.52	0.19	0.41	0.85	99.4	0	26
Pb	pm10	1.64	0.59	1.53	1.48	0.66	1.64	2.79	99.4	0	26

FR0009R Revin
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.24	0.11	0.22	1.55	0.11	0.23	0.58	93.5	0	26
Cd	pm10	0.09	0.04	0.09	1.60	0.03	0.08	0.20	93.5	0	26
Ni	pm10	0.70	0.36	0.65	1.76	0.15	0.71	1.55	93.5	0	26
Pb	pm10	3.44	1.44	3.11	1.53	1.62	3.36	7.02	93.5	0	26

FR0013R Peyrusse Vieille
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.08	0.17	1.46	0.10	0.17	0.41	95.2	0	25
Cd	pm10	0.04	0.02	0.04	1.59	0.02	0.04	0.11	95.2	0	25
Ni	pm10	0.49	0.23	0.45	1.59	0.17	0.41	1.14	95.2	0	25
Pb	pm10	1.48	0.60	1.37	1.49	0.61	1.46	3.19	95.2	0	25

FR0023R Saint-Nazaire-le-Désert
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.13	0.06	0.12	1.57	0.06	0.12	0.33	95.9	0	25
Cd	pm10	0.03	0.02	0.03	1.58	0.01	0.03	0.08	95.9	0	25
Ni	pm10	0.38	0.21	0.31	2.10	0.04	0.34	0.87	95.9	2	25
Pb	pm10	1.28	0.59	1.14	1.65	0.39	1.17	2.64	88.2	0	23

FR0024R Guipry
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.29	0.14	0.26	1.63	0.12	0.26	0.68	80.1	0	21
Cd	pm10	0.06	0.04	0.05	2.03	0.01	0.05	0.20	80.1	0	21
Ni	pm10	1.55	0.87	1.36	1.69	0.45	1.38	4.17	76.3	0	20
Pb	pm10	1.77	1.07	1.49	1.88	0.40	1.60	4.75	80.1	0	21

FR0025R Verneuil
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.17	0.07	0.16	1.47	0.07	0.15	0.39	99.7	0	26
Cd	pm10	0.05	0.03	0.05	1.74	0.01	0.04	0.18	95.9	0	25
Ni	pm10	0.44	0.20	0.39	1.64	0.09	0.41	0.93	99.7	0	26
Pb	pm10	1.47	0.77	1.31	1.64	0.48	1.25	3.65	99.7	0	26

GB0013R Yarner Wood
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.43	0.21	0.42	1.49	0.27	0.39	0.89	100.0	0	14
Cd	pm10	0.05	0.02	0.05	1.62	0.02	0.05	0.10	100.0	0	14
Cr	pm10	0.66	0.41	0.50	2.10	0.20	0.50	1.30	100.0	9	14
Cu	pm10	1.10	0.53	1.00	1.56	0.44	0.97	2.29	100.0	0	14
Ni	pm10	0.42	0.18	0.38	1.56	0.15	0.41	0.84	100.0	0	14
Pb	pm10	1.82	0.72	1.69	1.56	0.54	1.93	3.47	100.0	0	14
Zn	pm10	4.61	2.37	4.11	1.60	1.65	4.32	9.84	100.0	0	14

GB0017R Heigham Holmes
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.58	0.24	0.54	1.54	0.28	0.61	1.15	100.0	0	14
Cd	pm10	0.10	0.05	0.09	1.59	0.05	0.09	0.25	100.0	0	14
Cr	pm10	1.12	0.58	0.93	1.77	0.30	0.70	2.10	100.0	8	14
Cu	pm10	2.22	0.94	2.03	1.49	0.86	2.21	4.94	100.0	0	14
Ni	pm10	0.71	0.38	0.62	1.59	0.36	0.56	1.64	100.0	0	14
Pb	pm10	3.80	1.67	3.44	1.56	1.78	3.75	7.26	100.0	0	14
Zn	pm10	9.48	5.04	8.33	1.59	4.39	8.28	21.88	100.0	0	14

GB0048R Auchencorth Moss
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.08	0.21	1.45	0.12	0.21	0.42	100.0	0	14
Cd	pm10	0.03	0.02	0.03	1.63	0.02	0.03	0.09	100.0	0	14
Co	pm10	0.03	0.02	0.02	1.87	0.01	0.02	0.06	100.0	0	14
Cr	pm10	0.83	0.55	0.62	2.49	0.10	0.85	2.00	100.0	10	14
Cu	pm10	0.88	0.33	0.81	1.42	0.49	0.77	1.74	100.0	0	14
Fe	pm10	53.78	36.95	44.47	1.79	21.20	44.00	151.50	100.0	0	14
Hg	air	1.32	0.12	1.31	1.09	1.03	1.31	2.17	37.6	0	1645
Hg	pm25	1.88	1.97	1.23	2.58	0.23	1.32	13.50	26.1	155	1144
Mn	pm10	1.28	0.95	1.06	1.77	0.43	0.94	4.12	100.0	0	14
Ni	pm10	0.22	0.11	0.20	1.53	0.10	0.19	0.50	100.0	0	14
Pb	pm10	1.12	0.55	1.03	1.60	0.52	1.01	2.36	100.0	0	14
RGM	air	0.85	0.96	0.54	2.48	0.23	0.56	6.91	24.7	485	1081
Se	pm10	0.26	0.08	0.25	1.33	0.15	0.24	0.47	100.0	0	14
V	pm10	0.35	0.18	0.31	1.62	0.15	0.33	0.76	100.0	0	14
Zn	pm10	3.55	2.18	2.99	1.75	1.26	2.87	8.85	100.0	0	14

GB1055R Chilbolton Observatory
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.61	0.25	0.58	1.50	0.26	0.57	1.12	100.0	0	14
Cd	pm10	0.10	0.04	0.09	1.57	0.04	0.10	0.20	100.0	0	14
Co	pm10	0.04	0.02	0.03	1.57	0.01	0.04	0.09	100.0	0	14
Cr	pm10	0.95	0.38	0.86	1.46	0.50	0.85	1.80	100.0	10	14
Cu	pm10	2.63	1.28	2.36	1.53	1.31	2.26	6.06	100.0	0	14
Fe	pm10	102.76	49.80	92.38	1.55	39.70	98.10	243.70	100.0	0	14
Mn	pm10	2.46	1.23	2.17	1.58	0.86	2.24	6.03	100.0	0	14
Ni	pm10	0.45	0.16	0.41	1.38	0.27	0.39	0.81	100.0	0	14
Pb	pm10	3.62	1.70	3.28	1.57	1.47	2.85	7.80	100.0	0	14
Se	pm10	0.42	0.11	0.40	1.31	0.20	0.39	0.68	100.0	0	14
Hg (TGM)	air	1.53	0.10	1.53	1.06	1.29	1.51	2.51	23.3	0	2040
V	pm10	0.67	0.24	0.62	1.45	0.33	0.62	1.19	100.0	0	14
Zn	pm10	8.44	4.48	7.48	1.61	3.37	8.21	21.21	100.0	0	14

HU0002R K-puszta
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.12	0.08	0.10	2.07	0.01	0.09	0.39	95.9	0	51
Pb	aerosol	6.82	3.92	5.83	1.75	1.80	6.08	20.51	95.9	0	51

IS0002R Irafoss
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Fe	aerosol	272.39	446.97	61.41	6.83	1.00	59.50	1975.00	93.6	35	342

IS0091R Storhofdi
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	277.58	159.72	228.09	2.15	34.40	296.50	534.20	72.5	0	19
As	aerosol	0.05	0.03	0.04	1.89	0.02	0.04	0.11	72.5	0	19
Cd	aerosol	0.01	0.01	0.00	2.45	0.00	0.00	0.02	72.5	0	19
Co	aerosol	0.20	0.14	0.16	2.37	0.02	0.21	0.50	72.5	0	19
Cr	aerosol	0.51	0.38	0.42	1.98	0.09	0.39	1.78	72.5	0	19
Cu	aerosol	0.55	0.34	0.52	1.92	0.11	0.59	1.37	72.5	0	19
Fe	aerosol	406.21	265.71	310.01	2.42	37.10	404.70	867.00	72.5	0	19
Hg	aerosol	2.66	2.22	2.12	2.06	0.52	2.04	9.31	72.5	0	19
Mn	aerosol	7.48	5.29	5.68	2.43	0.68	7.35	17.42	72.5	0	19
Ni	aerosol	0.90	1.00	0.60	2.43	0.14	0.51	3.50	72.5	0	19
Pb	aerosol	0.17	0.18	0.11	2.74	0.01	0.10	0.64	72.5	0	19
V	aerosol	1.60	1.03	1.32	2.05	0.34	1.51	3.54	72.5	0	19
Zn	aerosol	1.69	0.98	1.49	1.91	0.28	1.49	3.87	72.5	0	19

IT0019R Monte Martano
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	225.76	374.19	69.27	5.26	5.00	89.50	1753.30	26.8	0	49
As	pm10	0.13	0.09	0.11	2.05	0.02	0.11	0.40	13.4	0	49
Ba	pm10	2.39	3.21	1.27	3.13	0.25	1.26	15.36	26.8	0	49
Cd	pm10	0.03	0.02	0.02	1.89	0.01	0.03	0.09	26.8	0	49
Co	pm10	0.07	0.09	0.04	2.66	0.02	0.02	0.43	26.8	0	49
Cr	pm10	1.10	0.82	0.80	2.37	0.25	1.06	3.66	26.8	0	49
Cu	pm10	1.79	1.21	1.37	2.19	0.50	1.74	5.12	26.8	0	49
Fe	pm10	161.39	218.95	80.84	3.31	5.00	82.80	987.80	26.8	0	49
La	pm10	0.18	0.30	0.07	3.74	0.02	0.05	1.45	26.8	0	49
Mn	pm10	3.49	3.75	2.08	2.98	0.25	2.53	16.97	26.8	0	49
Mo	pm10	0.38	0.32	0.32	1.66	0.25	0.25	1.94	26.8	0	49
Ni	pm10	0.91	0.71	0.67	2.27	0.25	0.77	3.37	26.8	0	49
Pb	pm10	1.66	1.11	1.29	2.18	0.25	1.47	5.23	26.8	0	49
Sb	pm10	0.14	0.08	0.11	1.88	0.02	0.12	0.34	26.8	0	49
Sn	pm10	0.69	0.51	0.52	2.11	0.25	0.62	2.19	26.8	0	49
Sr	pm10	1.97	3.83	1.01	2.62	0.50	0.50	24.28	26.8	0	49
Ti	pm10	7.97	12.52	2.55	5.17	0.25	3.00	57.02	26.8	0	49
V	pm10	1.22	1.14	0.78	2.72	0.25	0.80	5.46	26.8	0	49
Zn	pm10	7.68	11.38	5.80	1.71	5.00	5.00	76.40	26.8	0	49

LV0010R Rucava
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.26	0.14	0.20	2.33	0.02	0.27	0.50	49.9	5	26
Cd	pm10	0.05	0.04	0.04	2.08	0.01	0.04	0.19	49.9	4	26
Ni	pm10	0.35	0.27	0.26	2.36	0.07	0.27	1.15	49.9	17	26
Pb	pm10	1.70	1.14	1.23	2.67	0.07	1.45	4.38	47.9	3	25

NL0008R Bilthoven
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.39	0.29	0.30	2.18	0.01	0.30	1.58	49.9	135	182
Cd	pm10	0.09	0.10	0.06	2.45	0.00	0.06	0.58	49.0	164	179
Ni	pm10	0.77	0.63	0.58	2.29	0.02	0.67	6.22	48.2	105	176
Pb	pm10	3.66	3.40	2.51	2.48	0.14	2.58	18.26	49.9	74	182
Zn	pm10	27.12	19.91	22.84	1.76	5.02	21.71	198.62	49.9	91	182

NL0644R Cabauw Wielsekade
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm25	0.35	0.29	0.26	2.27	0.01	0.27	1.51	24.7	76	90
Cd	pm25	0.08	0.08	0.06	2.50	0.01	0.06	0.50	24.4	81	89
Ni	pm25	0.72	0.98	0.44	2.87	0.00	0.51	7.78	24.1	64	88
Pb	pm25	3.91	4.18	2.59	2.53	0.08	2.54	23.22	24.7	36	90
Zn	pm25	22.71	17.33	18.97	1.77	5.71	18.47	135.26	24.7	54	90

NO0002R Birkenes II
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	48.68	70.41	28.41	2.55	7.47	21.97	393.13	99.7	8	52
As	pm10	0.14	0.12	0.11	2.01	0.03	0.11	0.69	99.7	0	52
Cd	pm10	0.03	0.03	0.02	1.99	0.01	0.02	0.15	99.7	0	52
Co	pm10	0.02	0.02	0.01	2.76	0.00	0.02	0.11	99.7	9	52
Cr	pm10	0.29	0.26	0.22	2.06	0.10	0.15	1.41	99.7	38	52
Cu	pm10	0.41	0.34	0.30	2.28	0.06	0.35	1.52	99.7	0	52
Fe	pm10	33.06	46.36	18.18	2.88	2.06	19.17	251.53	99.7	6	52
Mn	pm10	1.27	1.55	0.83	2.47	0.16	0.85	8.44	99.7	0	52
Ni	pm10	0.18	0.14	0.13	2.45	0.02	0.12	0.59	99.7	13	52
Pb	pm10	0.65	0.69	0.46	2.15	0.14	0.43	3.11	99.7	0	52
Ti	pm10	2.32	3.06	1.24	3.03	0.21	1.34	14.76	99.7	7	52
V	pm10	0.32	0.28	0.21	2.75	0.01	0.22	1.05	99.7	0	52
Zn	pm10	4.26	8.57	2.50	2.34	0.61	2.30	61.16	99.7	0	52
Hg (GEM)	air	1.45	0.24	1.43	1.18	0.63	1.46	3.69	97.4	0	8533

NO0042G Zeppelin mountain (Ny-Ålesund)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	68.75	89.60	46.33	2.70	-11.60	38.92	445.20	27.7	2	49
As	aerosol	0.05	0.09	0.03	3.02	0.00	0.02	0.49	27.7	1	49
Cd	aerosol	0.02	0.03	0.01	3.62	0.00	0.01	0.11	26.0	1	46
Co	aerosol	0.02	0.02	0.01	2.55	0.00	0.01	0.14	27.7	5	49
Cr	aerosol	0.32	0.46	0.25	2.32	0.07	0.21	2.44	27.7	4	49
Cu	aerosol	0.46	0.59	0.28	3.06	0.06	0.24	2.72	27.7	5	49
Fe	aerosol	25.38	28.02	18.79	2.26	-10.29	15.88	131.81	27.7	2	49
Mn	aerosol	0.56	0.61	0.39	2.52	0.05	0.38	2.62	26.6	5	47
Ni	aerosol	0.23	0.63	0.15	2.79	0.04	0.13	3.22	27.7	15	49
Pb	aerosol	0.29	0.48	0.13	3.54	0.01	0.13	3.07	27.7	6	49
Ti	aerosol	1.87	2.40	1.50	2.20	-0.82	1.28	12.88	27.7	2	49
V	aerosol	0.08	0.07	0.06	2.33	0.01	0.06	0.32	27.7	0	49
Hg (GEM)	air	1.42	0.41	1.36	1.39	0.05	1.44	4.43	85.5	0	7490

NO0090R Andøya
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	38.18	33.01	27.95	2.26	4.78	30.32	188.88	29.0	0	53
As	aerosol	0.04	0.06	0.03	2.69	0.01	0.02	0.29	29.0	0	53
Cd	aerosol	0.01	0.01	0.00	2.87	0.00	0.00	0.09	29.0	0	53
Co	aerosol	0.02	0.01	0.01	2.37	0.00	0.01	0.07	29.0	1	53
Cr	aerosol	0.20	0.62	0.08	2.96	0.02	0.08	4.51	29.0	11	53
Cu	aerosol	1.14	1.16	0.70	2.81	0.08	0.70	6.00	29.0	0	53
Fe	aerosol	23.06	20.98	16.71	2.31	1.84	17.23	130.51	29.0	0	53
Mn	aerosol	0.51	0.55	0.34	2.55	0.02	0.37	3.49	29.0	1	53
Ni	aerosol	0.21	0.43	0.10	2.80	0.01	0.10	2.94	29.0	0	53
Pb	aerosol	0.20	0.35	0.11	2.79	0.01	0.12	2.27	29.0	0	53
Ti	aerosol	1.69	1.65	1.26	2.05	0.53	1.23	8.98	29.0	13	53
V	aerosol	0.23	0.39	0.13	2.50	0.01	0.14	2.77	29.0	0	53
Zn	aerosol	1.06	1.43	0.62	2.94	0.06	0.66	9.37	29.0	5	53
Hg (GEM)	air	1.41	0.13	1.40	1.11	0.33	1.43	1.89	93.2	0	8164

PL0005R Diabla Gora
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.14	0.16	1.80	0.00	0.10	0.60	85.8	0	53
Cd	pm10	0.08	0.06	0.06	2.38	0.01	0.07	0.24	85.8	0	53
Cr	pm10	0.45	0.29	0.37	1.87	0.09	0.41	1.39	85.8	0	53
Cu	pm10	1.63	1.82	0.95	3.21	0.06	0.92	7.33	82.5	0	51
Ni	pm10	0.40	0.16	0.37	1.55	0.12	0.40	0.94	85.8	0	53
Pb	pm10	2.02	1.52	1.59	2.05	0.20	1.50	7.30	85.8	0	53
Hg (TGM)	air	1.76	0.89	1.60	1.51	0.80	1.50	5.00	12.9	0	47
Zn	pm10	10.00	7.51	7.67	2.22	0.60	8.80	36.90	85.8	0	53

PL0009R Zielonka
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.35	0.33	0.24	2.33	0.10	0.30	1.70	84.1	0	52
Cd	pm10	0.09	0.06	0.07	2.02	0.03	0.07	0.28	84.1	0	52
Ni	pm10	0.47	0.30	0.39	1.86	0.20	0.47	1.40	84.1	0	52
Pb	pm10	2.15	1.66	1.64	2.12	0.30	1.65	8.70	84.1	0	52

SE0005R Bredkälen
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.02	0.03	2.15	0.01	0.04	0.07	100.0	0	12
Cd	aerosol	0.01	0.01	0.01	2.26	0.00	0.01	0.03	100.0	0	12
Co	aerosol	0.01	0.01	0.01	1.40	0.00	0.01	0.02	100.0	0	12
Cr	aerosol	0.17	0.04	0.17	1.25	0.12	0.17	0.24	100.0	0	12
Cu	aerosol	0.17	0.09	0.14	1.97	0.05	0.18	0.30	100.0	0	12
Hg	air+aerosol	1.21	0.20	1.20	1.18	0.80	1.20	1.60	12.8	0	42
Mn	aerosol	0.59	0.39	0.44	2.13	0.15	0.56	1.40	100.0	0	12
Ni	aerosol	0.09	0.02	0.09	1.23	0.07	0.10	0.13	100.0	0	12
Pb	aerosol	0.30	0.19	0.22	2.33	0.04	0.28	0.64	100.0	0	12
V	aerosol	0.10	0.05	0.08	1.91	0.03	0.10	0.19	100.0	0	12
Zn	aerosol	1.65	1.11	1.31	2.01	0.34	1.40	4.10	100.0	0	12

SE0014R Råö
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.19	0.08	0.17	1.51	0.08	0.17	0.34	99.5	0	12
Cd	aerosol	0.03	0.02	0.02	1.71	0.01	0.02	0.08	99.5	0	12
Co	aerosol	0.02	0.02	0.02	1.69	0.01	0.02	0.08	99.5	0	12
Cr	aerosol	0.44	0.20	0.41	1.53	0.22	0.36	0.79	99.5	0	12
Cu	aerosol	0.70	0.27	0.66	1.41	0.42	0.62	1.40	99.5	0	12
Hg	aerosol	7.23	5.39	5.28	2.54	0.20	5.70	28.70	23.8	0	87
Hg	air+aerosol	1.12	0.23	1.09	1.24	0.60	1.10	1.70	22.5	0	82
Mn	aerosol	1.35	1.20	1.12	1.79	0.53	1.05	5.00	99.5	0	12
Ni	aerosol	0.37	0.23	0.33	1.76	0.10	0.29	0.99	99.5	0	12
Pb	aerosol	0.79	0.37	0.73	1.55	0.38	0.69	1.70	99.5	0	12
V	aerosol	0.71	0.31	0.65	1.62	0.27	0.71	1.20	99.5	0	12
Zn	aerosol	3.85	1.91	3.56	1.56	1.70	3.40	8.70	99.5	0	12

SE0020R Hallahus
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.18	0.06	0.17	1.42	0.10	0.17	0.28	80.0	0	12
Cd	aerosol	0.03	0.02	0.03	1.69	0.01	0.04	0.06	80.0	0	12
Co	aerosol	0.03	0.01	0.02	1.44	0.02	0.02	0.06	80.0	0	12
Cr	aerosol	0.45	0.14	0.44	1.36	0.26	0.42	0.70	80.0	0	12
Cu	aerosol	0.91	0.43	0.90	1.50	0.47	0.92	1.90	80.0	0	12
Hg	air+aerosol	1.26	0.20	1.24	1.17	0.80	1.20	1.70	13.4	0	49
Mn	aerosol	1.67	1.09	1.50	1.57	0.92	1.45	5.00	80.0	0	12
Ni	aerosol	0.26	0.11	0.25	1.59	0.10	0.28	0.50	80.0	0	12
Pb	aerosol	1.07	0.52	1.03	1.61	0.49	1.07	2.20	80.0	0	12
V	aerosol	0.52	0.21	0.53	1.42	0.34	0.54	1.00	80.0	0	12
Zn	aerosol	4.94	2.06	4.85	1.49	2.20	4.95	9.90	80.0	0	12

SE0022R Norunda Stenen
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.11	0.05	0.10	1.65	0.03	0.09	0.22	99.5	0	13
Cd	aerosol	0.02	0.01	0.02	1.75	0.01	0.02	0.04	99.5	0	13
Co	aerosol	0.02	0.01	0.02	1.55	0.01	0.02	0.04	99.5	0	13
Cr	aerosol	0.41	0.15	0.41	1.46	0.17	0.39	0.69	99.5	0	13
Cu	aerosol	0.46	0.13	0.45	1.38	0.21	0.47	0.66	99.5	0	13
Mn	aerosol	1.02	0.49	0.91	1.56	0.52	0.84	2.20	99.5	0	13
Ni	aerosol	0.17	0.08	0.16	1.58	0.10	0.12	0.32	99.5	0	13
Pb	aerosol	0.54	0.21	0.52	1.56	0.18	0.52	0.91	99.5	0	13
V	aerosol	0.22	0.10	0.19	1.63	0.09	0.20	0.35	99.5	0	13
Zn	aerosol	3.26	1.72	3.15	1.64	1.20	2.80	6.90	99.5	0	13

SI0008R Iskrba
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.17	0.18	0.11	2.29	0.07	0.07	0.76	20.3	53	74
Cd	pm10	0.06	0.05	0.04	2.55	0.01	0.05	0.29	20.3	31	74
Cr	pm10	0.71	0.84	0.55	1.76	0.45	0.45	5.70	20.3	66	74
Cu	pm10	1.86	1.06	1.46	2.20	0.45	2.14	5.04	20.3	22	74
Hg	air	1.24	0.29	1.21	1.28	0.50	1.30	2.10	40.5	0	148
Ni	pm10	0.43	0.41	0.36	1.57	0.32	0.32	2.34	20.3	69	74
Pb	pm10	1.45	1.11	1.12	2.18	0.07	1.15	6.46	20.3	2	74
Zn	pm10	5.39	5.18	4.15	1.86	3.17	3.17	21.28	20.3	62	74

SK0002R Chopok
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.11	0.13	0.06	3.19	0.02	0.05	0.57	93.2	22	48
Cd	aerosol	0.07	0.08	0.02	7.26	0.00	0.04	0.27	93.2	12	48
Cr	aerosol	0.26	0.07	0.25	1.38	0.17	0.30	0.30	5.8	0	3
Cu	aerosol	0.65	0.85	0.25	4.47	0.05	0.26	3.35	93.2	19	48
Ni	aerosol	0.32	0.47	0.12	4.45	0.03	0.13	2.18	93.2	19	48
Pb	aerosol	1.40	1.70	0.30	11.11	0.01	0.50	6.52	93.2	14	48
Zn	aerosol	3.22	4.00	1.30	4.78	0.15	1.70	17.42	93.2	13	48

SK0004R Stará Lesná
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.25	0.16	0.19	2.22	0.02	0.24	0.84	87.4	2	46
Cd	pm10	0.11	0.08	0.07	4.30	0.00	0.10	0.46	87.4	4	46
Cr	pm10	0.60	0.45	0.26	6.79	0.01	0.38	1.15	12.3	1	7
Cu	pm10	1.68	1.19	1.40	1.93	0.29	1.32	5.51	87.4	0	46
Ni	pm10	0.31	0.30	0.15	3.97	0.03	0.28	1.10	87.4	15	46
Pb	pm10	4.22	2.53	3.58	1.80	0.59	3.68	13.33	87.4	0	46
Zn	pm10	8.82	7.32	7.25	1.83	1.80	6.84	47.10	87.4	0	46

SK0006R Starina
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.28	0.17	0.19	2.46	0.02	0.22	0.63	99.5	3	48
Cd	pm10	0.13	0.09	0.05	7.16	0.00	0.10	0.37	99.5	9	48
Cr	pm10	1.04	1.72	0.22	8.85	0.01	0.26	4.41	10.1	1	6
Cu	pm10	1.10	0.67	0.86	2.49	0.05	1.03	3.71	99.5	3	48
Ni	pm10	0.30	0.57	0.12	3.73	0.03	0.13	3.94	99.5	16	48
Pb	pm10	4.26	2.56	3.09	2.96	0.01	3.48	12.51	99.5	1	48
Zn	pm10	7.96	4.35	6.23	2.17	0.15	6.38	19.81	99.5	1	48

SK0007R Topolniky
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.27	0.18	0.21	2.18	0.02	0.23	0.85	69.0	2	38
Cd	pm10	0.15	0.12	0.12	1.96	0.04	0.11	0.59	69.0	0	38
Cr	pm10	0.01	-	-	-	0.01	0.01	0.01	0.8	1	1
Cu	pm10	3.48	6.62	2.08	2.65	0.05	2.08	42.29	69.0	1	38
Ni	pm10	0.43	0.38	0.20	4.38	0.01	0.31	1.35	69.0	10	38
Pb	pm10	8.18	5.17	6.15	2.49	0.09	7.05	26.93	69.0	0	38
Zn	pm10	11.09	8.56	8.90	2.04	0.51	8.29	47.79	69.0	0	38

Appendix C

Annual statistics for POPs in precipitation

BE0013R Houtem
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip+dry_dep	11.88	0.42	31.86	-	0	13
benz_a_anthracene	precip+dry_dep	18.31	0.84	57.01	-	0	13
benzo_a_pyrene	precip+dry_dep	14.44	0.84	55.33	-	0	13
benzo_b_fluoranthene	precip+dry_dep	23.44	0.84	82.16	-	0	13
benzo_ghi_perylene	precip+dry_dep	12.14	1.68	45.27	-	0	13
benzo_k_fluoranthene	precip+dry_dep	11.86	0.84	41.92	-	0	13
chrysene	precip+dry_dep	37.63	0.84	134.14	-	0	13
dibenzo_ah_anthracene	precip+dry_dep	6.68	0.84	23.47	-	0	13
fluoranthene	precip+dry_dep	48.22	1.68	150.91	-	0	13
fluorene	precip+dry_dep	4.10	1.68	15.09	-	0	13
inden_123cd_pyrene	precip+dry_dep	11.07	0.84	36.89	-	0	13
naphthalene	precip+dry_dep	16.99	3.35	80.48	-	0	12
pyrene	precip+dry_dep	38.75	3.35	100.60	-	0	13

CZ0003R Kosetice (NOAK)
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip	0.02	0.01	0.23	12.4	52	75
PCB_101	precip	0.01	0.01	0.01	4.1	75	75
PCB_118	precip	0.01	0.01	0.01	5.0	75	75
PCB_138	precip	0.01	0.01	0.03	5.5	72	75
PCB_153	precip	0.01	0.01	0.01	5.7	75	75
PCB_180	precip	0.01	0.01	0.01	4.7	75	75
PCB_28	precip	0.00	0.00	0.00	1.9	75	75
PCB_52	precip	0.01	0.01	0.06	5.3	63	75
acenaphthene	precip	1.07	0.04	3.26	677.7	12	75
acenaphthylene	precip	1.56	0.03	13.30	985.9	23	75
alpha_HCH	precip	0.06	0.01	0.19	35.9	14	75
anthracene	precip	0.83	0.02	8.23	520.4	44	75
benz_a_anthracene	precip	3.33	0.02	86.70	2100.8	19	75
benzo_a_pyrene	precip	2.53	0.04	90.00	1597.6	56	75
benzo_b_fluoranthene	precip	5.17	0.04	139.00	3259.8	41	75
benzo_ghi_perylene	precip	3.57	0.02	118.00	2252.0	44	75
benzo_k_fluoranthene	precip	1.66	0.04	54.70	1046.1	60	75
beta_HCH	precip	0.03	0.01	0.18	20.2	55	75
delta_HCH	precip	0.02	0.02	0.14	13.4	74	75
dibenzo_ah_anthracene	precip	0.21	0.04	8.85	132.8	70	75
fluoranthene	precip	23.74	3.49	308.00	14973.3	0	75
fluorene	precip	5.02	0.04	40.40	3167.2	24	75
gamma_HCH	precip	0.25	0.05	1.65	159.2	0	75
inden_123cd_pyrene	precip	3.97	0.03	125.00	2500.7	38	75
naphthalene	precip	34.48	9.18	181.00	21740.4	0	75
phenanthrene	precip	29.08	11.20	173.00	18338.2	0	75
pp_DDD	precip	0.01	0.01	0.05	4.2	72	75
pp_DDE	precip	0.02	0.01	0.12	15.4	35	75
pp_DDT	precip	0.03	0.01	0.30	17.9	52	75
pyrene	precip	18.51	2.03	247.00	11670.0	0	75

DE0001R Westerland
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	0.24	0.01	1.02	-	0	10
PCB_101	precip_tot	0.07	0.01	0.27	-	0	10
PCB_118	precip_tot	0.01	0.00	0.04	-	0	10
PCB_138	precip_tot	0.04	0.00	0.14	-	0	10
PCB_153	precip_tot	0.05	0.00	0.19	-	0	10
PCB_180	precip_tot	0.04	0.00	0.21	-	0	10
PCB_28	precip_tot	0.03	0.01	0.16	-	0	10
PCB_52	precip_tot	0.04	0.01	0.19	-	0	10
aldrin	precip_tot	0.00	0.00	0.01	-	0	10
alpha_HCH	precip_tot	0.09	0.06	0.21	-	0	10
anthracene	precip_tot	0.74	0.14	3.41	-	0	13
benz_a_anthracene	precip_tot	3.42	0.50	19.50	-	0	13
benzo_a_pyrene	precip_tot	3.98	0.49	28.42	-	0	13
benzo_bjk_fluoranthenes	precip_tot	17.43	2.37	108.26	-	0	13
benzo_ghi_perylene	precip_tot	5.29	0.88	31.16	-	0	13
chrysene_triphenylene	precip_tot	10.80	2.03	56.47	-	0	13
dibenzo_ah_anthracene	precip_tot	0.69	0.11	1.81	-	0	12
dieldrin	precip_tot	0.06	0.03	0.10	-	0	10
endrin	precip_tot	0.01	0.00	0.02	-	0	10
fluoranthene	precip_tot	19.54	3.43	110.78	-	0	13
gamma_HCH	precip_tot	0.34	0.10	0.85	-	0	10
heptachlor	precip_tot	0.00	0.00	0.01	-	0	10
inden_123cd_pyrene	precip_tot	3.04	0.15	13.72	-	0	13
op_DDD	precip_tot	0.00	0.00	0.01	-	0	10
op_DDE	precip_tot	0.00	0.00	0.00	-	0	10
op_DDT	precip_tot	0.04	0.00	0.13	-	0	10
phenanthrene	precip_tot	23.12	3.41	122.25	-	0	13
pp_DDD	precip_tot	0.02	0.00	0.14	-	0	10
pp_DDE	precip_tot	0.06	0.01	0.27	-	0	10
pp_DDT	precip_tot	0.05	0.00	0.37	-	0	10
pyrene	precip_tot	13.66	2.06	82.62	-	0	13

DE0002R Waldhof
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	0.10	0.01	0.43	-	0	13
PCB_101	precip_tot	0.06	0.01	0.29	-	0	13
PCB_118	precip_tot	0.02	0.00	0.06	-	0	13
PCB_138	precip_tot	0.04	0.00	0.09	-	0	13
PCB_153	precip_tot	0.04	0.01	0.10	-	0	13
PCB_180	precip_tot	0.02	0.01	0.04	-	0	13
PCB_28	precip_tot	0.05	0.01	0.21	-	0	13
PCB_52	precip_tot	0.05	0.00	0.25	-	0	13
aldrin	precip_tot	0.00	0.00	0.00	-	0	13
alpha_HCH	precip_tot	0.10	0.07	0.14	-	0	13
anthracene	precip_tot	2.91	0.25	19.11	-	0	13
benz_a_anthracene	precip_tot	3.98	0.90	14.13	-	0	13
benzo_a_pyrene	precip_tot	3.73	1.04	13.40	-	0	13
benzo_bjk_fluoranthenes	precip_tot	17.44	3.45	60.85	-	0	13
benzo_ghi_perylene	precip_tot	5.85	1.25	21.81	-	0	13
chrysene_triphenylene	precip_tot	11.93	2.06	40.37	-	0	13
dibenzo_ah_anthracene	precip_tot	1.75	0.31	7.42	-	0	13
dieldrin	precip_tot	0.07	0.04	0.10	-	0	13
endrin	precip_tot	0.01	0.00	0.01	-	0	13
fluoranthene	precip_tot	17.35	5.27	39.85	-	0	13
gamma_HCH	precip_tot	0.57	0.29	0.91	-	0	13
heptachlor	precip_tot	0.00	0.00	0.01	-	0	13
inden_123cd_pyrene	precip_tot	5.38	0.24	24.60	-	0	13
op_DDD	precip_tot	0.01	0.00	0.03	-	0	13
op_DDE	precip_tot	0.00	0.00	0.03	-	0	13
op_DDT	precip_tot	0.03	0.00	0.15	-	0	13
phenanthrene	precip_tot	22.05	7.41	84.31	-	0	13
pp_DDD	precip_tot	0.03	0.00	0.12	-	0	13
pp_DDE	precip_tot	0.11	0.03	0.35	-	0	13
pp_DDT	precip_tot	0.15	0.02	0.71	-	0	13
pyrene	precip_tot	13.73	4.20	41.01	-	0	13

DE0003R Schauinsland
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip_tot	0.35	0.14	0.93	-	0	13
benz_a_anthracene	precip_tot	2.15	0.33	10.86	-	0	13
benzo_a_pyrene	precip_tot	2.58	0.47	12.52	-	0	13
benzo_bjk_fluoranthenes	precip_tot	14.38	1.31	76.93	-	0	13
benzo_ghi_perylene	precip_tot	4.95	0.50	23.64	-	0	13
chrysene_triphenylene	precip_tot	9.61	1.23	49.39	-	0	13
dibenzo_ah_anthracene	precip_tot	1.20	0.07	5.16	-	0	13
fluoranthene	precip_tot	12.73	3.37	59.08	-	0	13
inden_123cd_pyrene	precip_tot	4.59	0.10	26.09	-	0	13
phenanthrene	precip_tot	12.71	5.73	38.40	-	0	13
pyrene	precip_tot	6.63	2.17	26.95	-	0	13

DE0008R Schmücke
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip_tot	0.88	0.15	1.59	-	0	13
benz_a_anthracene	precip_tot	4.04	1.08	9.38	-	0	13
benzo_a_pyrene	precip_tot	4.50	1.32	9.30	-	0	13
benzo_bjk_fluoranthenes	precip_tot	20.49	3.01	47.97	-	0	13
benzo_ghi_perylene	precip_tot	7.79	1.28	17.06	-	0	13
chrysene_triphenylene	precip_tot	13.47	2.69	31.89	-	0	13
dibenzo_ah_anthracene	precip_tot	2.15	0.20	11.16	-	0	13
fluoranthene	precip_tot	21.46	5.00	45.76	-	0	13
inden_123cd_pyrene	precip_tot	6.75	0.28	18.38	-	0	13
phenanthrene	precip_tot	22.76	6.26	47.38	-	0	13
pyrene	precip_tot	15.51	3.01	33.91	-	0	13

DE0009R Zingst
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	0.30	0.02	1.55	-	0	9
PCB_101	precip_tot	0.03	0.00	0.15	-	0	9
PCB_118	precip_tot	0.01	0.00	0.04	-	0	9
PCB_138	precip_tot	0.02	0.00	0.09	-	0	9
PCB_153	precip_tot	0.02	0.00	0.08	-	0	9
PCB_180	precip_tot	0.02	0.00	0.07	-	0	9
PCB_28	precip_tot	0.05	0.01	0.22	-	0	9
PCB_52	precip_tot	0.04	0.00	0.14	-	0	9
aldrin	precip_tot	0.00	0.00	0.01	-	0	9
alpha_HCH	precip_tot	0.10	0.05	0.15	-	0	9
anthracene	precip_tot	1.40	0.08	7.02	-	0	12
benz_a_anthracene	precip_tot	3.39	1.30	12.25	-	0	12
benzo_a_pyrene	precip_tot	3.93	1.12	16.29	-	0	12
benzo_bjk_fluoranthenes	precip_tot	18.11	4.83	53.07	-	0	12
benzo_ghi_perylene	precip_tot	5.91	1.75	18.52	-	0	12
chrysene_triphenylene	precip_tot	10.89	3.40	28.70	-	0	12
dibenzo_ah_anthracene	precip_tot	2.55	0.32	17.30	-	0	12
dieldrin	precip_tot	0.02	0.01	0.04	-	0	9

DE0009R Zingst (cont.)
January 2019 - December 2019

endrin	precip_tot	0.01	0.00	0.01	-	0	9
fluoranthene	precip_tot	18.06	4.86	60.88	-	0	12
gamma_HCH	precip_tot	0.37	0.15	0.75	-	0	9
heptachlor	precip_tot	0.00	0.00	0.01	-	0	9
inden_123cd_pyrene	precip_tot	4.65	0.53	15.99	-	0	12
op_DDD	precip_tot	0.02	0.00	0.13	-	0	9
op_DDE	precip_tot	0.00	0.00	0.01	-	0	9
op_DDT	precip_tot	0.10	0.02	0.57	-	0	9
phenanthrene	precip_tot	24.16	1.71	89.01	-	0	12
pp_DDD	precip_tot	0.09	0.02	0.53	-	0	9
pp_DDE	precip_tot	0.25	0.05	1.50	-	0	9
pp_DDT	precip_tot	0.52	0.15	3.18	-	0	9
pyrene	precip_tot	12.18	4.14	48.06	-	0	12

ES0001R San Pablo de los Montes
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.21	0.00	0.77	-	3	4
acenaphthylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
anthracene	precip+dry_dep	0.06	0.00	0.23	-	4	4
benz_a_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benzo_a_pyrene	precip+dry_dep	6.25	0.00	24.86	-	4	4
benzo_ghi_perylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benzo_k_fluoranthene	precip+dry_dep	0.02	0.00	0.09	-	3	4
chrysene	precip+dry_dep	0.03	0.00	0.11	-	3	4
dibenzo_ah_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluoranthene	precip+dry_dep	0.01	0.00	0.04	-	4	4
fluorene	precip+dry_dep	0.02	0.00	0.06	-	4	4
inden_123cd_pyrene	precip+dry_dep	0.00	0.00	0.00	-	4	4
naphthalene	precip+dry_dep	0.85	0.00	1.77	-	3	4
phenanthrene	precip+dry_dep	0.36	0.10	0.62	-	3	4
pyrene	precip+dry_dep	0.01	0.00	0.04	-	4	4

ES0007R Víznar
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.00	0.00	0.00	-	4	4
acenaphthylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
anthracene	precip+dry_dep	0.00	0.00	0.01	-	4	4
benz_a_anthracene	precip+dry_dep	0.07	0.00	0.27	-	3	4
benzo_a_pyrene	precip+dry_dep	6.90	0.00	26.97	-	3	4
benzo_ghi_perylene	precip+dry_dep	0.12	0.00	0.47	-	3	4
benzo_k_fluoranthene	precip+dry_dep	0.14	0.00	0.53	-	3	4
chrysene	precip+dry_dep	0.27	0.00	1.05	-	3	4
dibenzo_ah_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluoranthene	precip+dry_dep	0.47	0.00	1.62	-	3	4
fluorene	precip+dry_dep	0.48	0.00	1.88	-	4	4
inden_123cd_pyrene	precip+dry_dep	0.11	0.00	0.44	-	3	4
naphthalene	precip+dry_dep	0.92	0.00	1.83	-	3	4
phenanthrene	precip+dry_dep	0.47	0.00	1.58	-	3	4
pyrene	precip+dry_dep	0.53	0.00	1.80	-	3	4

ES0008R Niembro
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.33	0.00	0.93	-	3	4
acenaphthylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
anthracene	precip+dry_dep	0.10	0.00	0.40	-	4	4
benz_a_anthracene	precip+dry_dep	0.06	0.00	0.22	-	3	4
benzo_a_pyrene	precip+dry_dep	0.69	0.00	1.67	-	2	4
benzo_ghi_perylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benzo_k_fluoranthene	precip+dry_dep	0.52	0.00	1.15	-	2	4
chrysene	precip+dry_dep	0.35	0.00	0.71	-	2	4
dibenzo_ah_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluoranthene	precip+dry_dep	0.37	0.00	1.41	-	3	4
fluorene	precip+dry_dep	30.00	0.00	94.79	-	2	4
inden_123cd_pyrene	precip+dry_dep	0.00	0.00	0.00	-	4	4
naphthalene	precip+dry_dep	3.84	0.00	7.29	-	2	4
phenanthrene	precip+dry_dep	2.51	0.29	5.22	-	1	4
pyrene	precip+dry_dep	0.63	0.00	1.29	-	2	4

ES0012R Zarra
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	0.04	0.00	0.10	-	4	4
acenaphthylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benz_a_anthracene	precip+dry_dep	0.01	0.00	0.04	-	3	4
benzo_a_pyrene	precip+dry_dep	6.90	0.00	27.36	-	4	4
benzo_ghi_perylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benzo_k_fluoranthene	precip+dry_dep	0.04	0.00	0.17	-	3	4
chrysene	precip+dry_dep	0.02	0.00	0.09	-	3	4
dibenzo_ah_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluoranthene	precip+dry_dep	0.05	0.00	0.21	-	3	4
fluorene	precip+dry_dep	0.24	0.00	0.83	-	3	4
inden_123cd_pyrene	precip+dry_dep	0.00	0.00	0.00	-	4	4
naphthalene	precip+dry_dep	0.92	0.00	2.35	-	3	4
phenanthrene	precip+dry_dep	0.33	0.00	0.62	-	3	4
pyrene	precip+dry_dep	0.08	0.00	0.26	-	3	4

ES0014R Els Torms
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	6.40	0.37	20.55	-	2	4
acenaphthylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
anthracene	precip+dry_dep	0.12	0.00	0.47	-	4	4
benz_a_anthracene	precip+dry_dep	0.04	0.00	0.15	-	3	4
benzo_a_pyrene	precip+dry_dep	5.10	0.00	20.23	-	4	4
benzo_ghi_perylene	precip+dry_dep	0.00	0.00	0.00	-	4	4
benzo_k_fluoranthene	precip+dry_dep	0.15	0.00	0.42	-	3	4
chrysene	precip+dry_dep	0.09	0.00	0.35	-	3	4
dibenzo_ah_anthracene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluoranthene	precip+dry_dep	0.00	0.00	0.00	-	4	4
fluorene	precip+dry_dep	22.16	0.00	45.27	-	2	4
inden_123cd_pyrene	precip+dry_dep	0.00	0.00	0.00	-	4	4
naphthalene	precip+dry_dep	0.51	0.00	1.50	-	3	4
phenanthrene	precip+dry_dep	0.03	0.00	0.12	-	3	4
pyrene	precip+dry_dep	0.01	0.00	0.04	-	3	4

FI0018R Virolahti III
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	7.03	2.19	22.41	-	7	11
acenaphthylene	precip+dry_dep	2.75	0.57	10.98	-	5	11
anthracene	precip+dry_dep	2.13	0.21	8.68	-	3	11
benz_a_anthracene	precip+dry_dep	11.98	0.79	67.02	-	0	11
benzo_a_pyrene	precip+dry_dep	11.53	1.25	51.62	-	0	11
benzo_bjk_fluoranthenes	precip+dry_dep	45.58	3.41	226.22	-	0	11
benzo_ghi_perylene	precip+dry_dep	17.33	1.97	93.36	-	0	11
chrysene_triphenylene	precip+dry_dep	29.94	3.05	166.34	-	0	11
dibenzo_ac_ah_anthracenes	precip+dry_dep	2.02	0.04	10.73	-	1	11
fluoranthene	precip+dry_dep	40.17	5.14	234.55	-	0	11
fluorene	precip+dry_dep	6.10	3.54	23.51	-	9	11
inden_123cd_pyrene	precip+dry_dep	16.65	0.97	86.14	-	0	11
naphthalene	precip+dry_dep	8.98	4.63	40.62	-	9	11
phenanthrene	precip+dry_dep	32.13	5.08	167.24	-	0	11
pyrene	precip+dry_dep	36.13	6.06	193.74	-	0	11

FI0036R Pallas (Matorova)
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.02	0.01	0.02	-	12	12
BDE_47	precip+dry_dep	0.04	0.01	0.10	-	4	12
BDE_99	precip+dry_dep	0.02	0.01	0.04	-	7	12
HCB	precip+dry_dep	0.06	0.03	0.11	-	0	12
PCB_101	precip+dry_dep	0.03	0.03	0.04	-	12	12
PCB_118	precip+dry_dep	0.02	0.01	0.04	-	10	12
PCB_138	precip+dry_dep	0.02	0.02	0.03	-	12	12
PCB_153	precip+dry_dep	0.02	0.02	0.03	-	12	12
PCB_180	precip+dry_dep	0.02	0.02	0.03	-	12	12
PCB_28	precip+dry_dep	0.03	0.03	0.04	-	12	12
PCB_52	precip+dry_dep	0.05	0.03	0.10	-	5	12
alpha_HCH	precip+dry_dep	0.02	0.01	0.04	-	7	12
anthracene	precip+dry_dep	0.22	0.04	0.76	-	0	12
benz_a_anthracene	precip+dry_dep	1.07	0.22	4.66	-	0	12
benzo_a_pyrene	precip+dry_dep	0.92	0.12	3.95	-	0	12
benzo_b_fluoranthene	precip+dry_dep	1.91	0.23	8.53	-	0	12
benzo_ghi_perylene	precip+dry_dep	0.90	0.10	3.17	-	2	12
benzo_k_fluoranthene	precip+dry_dep	0.74	0.09	3.11	-	0	12
chrysene	precip+dry_dep	3.17	1.00	8.00	-	0	6
dibenzo_ah_anthracene	precip+dry_dep	0.28	0.10	1.20	-	3	12
fluoranthene	precip+dry_dep	4.42	0.76	16.14	-	0	12
gamma_HCH	precip+dry_dep	0.04	0.01	0.09	-	1	12
inden_123cd_pyrene	precip+dry_dep	1.35	0.30	5.66	-	2	12
phenanthrene	precip+dry_dep	5.61	1.56	11.41	-	0	12
pp_DDD	precip+dry_dep	0.03	0.02	0.10	-	3	12
pp_DDE	precip+dry_dep	0.05	0.01	0.17	-	4	12
pp_DDT	precip+dry_dep	0.02	0.01	0.05	-	10	12
pyrene	precip+dry_dep	3.03	0.48	12.03	-	0	12

FI0050R Hyytiälä
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	10.33	6.84	22.50	-	9	12
acenaphthylene	precip+dry_dep	1.31	0.41	3.64	-	8	12
anthracene	precip+dry_dep	1.19	0.72	2.72	-	10	12
benz_a_anthracene	precip+dry_dep	4.57	0.74	16.86	-	0	12
benzo_a_pyrene	precip+dry_dep	4.00	1.04	12.89	-	0	12
benzo_bjk_fluoranthenes	precip+dry_dep	16.01	2.98	76.35	-	0	12
benzo_ghi_perylene	precip+dry_dep	5.86	1.27	26.18	-	0	12
chrysene_triphenylene	precip+dry_dep	9.85	2.13	44.33	-	0	12
dibenzo_ac_ah_anthracenes	precip+dry_dep	0.70	0.10	3.29	-	0	12
fluoranthene	precip+dry_dep	17.53	5.34	55.02	-	0	12
fluorene	precip+dry_dep	6.55	5.55	10.78	-	12	12
inden_123cd_pyrene	precip+dry_dep	6.03	0.72	27.09	-	0	12
naphthalene	precip+dry_dep	8.60	3.81	26.86	-	9	12
phenanthrene	precip+dry_dep	31.32	14.46	134.74	-	0	12
pyrene	precip+dry_dep	13.00	3.84	42.95	-	0	12

FR0008R Donon
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	1.22	0.51	4.46	1843.0	0	13
benzo_a_pyrene	precip	2.77	1.16	11.99	4170.0	0	13
benzo_b_fluoranthene	precip	5.63	2.03	16.17	8476.5	0	13
benzo_k_fluoranthene	precip	2.41	0.92	7.73	3619.3	0	13
dibenzo_ah_anthracene	precip	1.03	0.28	3.07	1544.0	1	13
inden_123cd_pyrene	precip	4.61	1.79	14.22	6929.8	0	13

FR0009R Revin
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	2.07	0.95	9.10	2607.1	0	13
benzo_a_pyrene	precip	3.87	2.00	17.57	4876.4	0	13
benzo_b_fluoranthene	precip	8.16	3.17	26.25	10278.3	0	13
benzo_k_fluoranthene	precip	3.26	1.52	14.88	4106.2	0	13
dibenzo_ah_anthracene	precip	1.34	0.24	4.75	1683.6	2	13
inden_123cd_pyrene	precip	6.81	2.52	23.98	8581.4	0	13

FR0013R Peyrusse Vieille
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	0.47	0.14	1.50	464.5	2	13
benzo_a_pyrene	precip	0.84	0.37	3.27	838.7	2	13
benzo_b_fluoranthene	precip	1.55	0.61	4.69	1544.6	0	13
benzo_k_fluoranthene	precip	0.54	0.24	2.20	542.7	4	13
dibenzo_ah_anthracene	precip	0.27	0.08	0.73	269.8	10	13
inden_123cd_pyrene	precip	1.32	0.72	3.67	1320.1	0	13

FR0023R Saint-Nazaire-le-Désert
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	0.74	0.29	5.11	766.5	0	12
benzo_a_pyrene	precip	1.14	0.49	6.01	1173.3	0	12
benzo_b_fluoranthene	precip	2.02	1.05	15.62	2082.5	0	12
benzo_k_fluoranthene	precip	0.77	0.35	5.41	789.2	3	12
dibenzo_ah_anthracene	precip	0.39	0.08	4.20	403.7	6	12
inden_123cd_pyrene	precip	1.79	0.64	12.31	1845.7	0	12

FR0024R Guipry
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	1.57	0.41	8.66	1222.2	0	12
benzo_a_pyrene	precip	2.91	0.59	25.24	2266.4	0	12
benzo_b_fluoranthene	precip	4.99	1.42	48.22	3889.8	0	12
benzo_k_fluoranthene	precip	2.09	0.41	19.96	1626.5	0	12
dibenzo_ah_anthracene	precip	0.83	0.09	9.23	646.2	2	12
inden_123cd_pyrene	precip	3.76	0.83	43.70	2931.7	0	12

FR0025R Verneuil
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	1.72	0.44	9.45	1121.6	0	13
benzo_a_pyrene	precip	3.15	0.67	19.92	2053.1	0	13
benzo_b_fluoranthene	precip	5.03	1.84	23.41	3279.6	0	13
benzo_k_fluoranthene	precip	2.23	0.67	12.73	1454.8	0	13
dibenzo_ah_anthracene	precip	0.68	0.17	3.30	444.9	6	13
inden_123cd_pyrene	precip	4.28	1.51	20.33	2791.0	0	13

GB0048R Auchencorth Moss
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
1-methylnaphthalene	wetdep	430.43	260.00	590.00	-	0	6
1-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
2-methylanthracene	wetdep	45.00	45.00	45.00	-	6	6
2-methylnaphthalene	wetdep	788.57	440.00	1100.00	-	0	6
2-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
9-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
acenaphthene	wetdep	87.57	45.00	260.00	-	5	6
acenaphthylene	wetdep	45.00	45.00	45.00	-	6	6
anthanthrene	wetdep	45.00	45.00	45.00	-	6	6
anthracene	wetdep	45.00	45.00	45.00	-	6	6
benz_a_anthracene	wetdep	19.89	2.00	45.00	-	6	14
benzo_a_pyrene	wetdep	19.81	2.00	45.00	-	6	14
benzo_b_fluoranthene	wetdep	22.92	4.40	45.00	-	6	14
benzo_e_pyrene	wetdep	21.04	2.00	45.00	-	6	14
benzo_ghi_perylene	wetdep	23.19	4.00	45.00	-	6	14
benzo_k_fluoranthene	wetdep	19.50	2.00	45.00	-	6	14
biphenyl	wetdep	342.72	180.00	500.00	-	0	6
chrysene	wetdep	21.65	3.00	45.00	-	6	14
coronene	wetdep	45.00	45.00	45.00	-	6	6
cyclopenta_cd_pyrene	wetdep	18.35	1.00	45.00	-	6	14
dibenzo_ae_pyrene	wetdep	18.19	0.80	45.00	-	6	14
dibenzo_ah_anthracene	wetdep	18.14	0.78	45.00	-	6	14
dibenzo_ah_pyrene	wetdep	17.59	0.25	45.00	-	14	14
dibenzo_ai_pyrene	wetdep	17.65	0.35	45.00	-	14	14
fluoranthene	wetdep	45.00	45.00	45.00	-	6	6
fluorene	wetdep	404.49	180.00	630.00	-	0	6
inden_123cd_pyrene	wetdep	20.19	2.00	45.00	-	6	14
naphthalene	wetdep	975.89	390.00	1600.00	-	0	6
perylene	wetdep	45.00	45.00	45.00	-	6	6
phenanthrene	wetdep	537.08	70.00	850.00	-	2	6
pyrene	wetdep	45.00	45.00	45.00	-	6	6
retene	wetdep	70.00	70.00	70.00	-	6	6

GB1055R Chilbolton Observatory
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
1-methylnaphthalene	wetdep	410.02	220.00	700.00	-	0	6
1-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
2-methylanthracene	wetdep	45.00	45.00	45.00	-	6	6
2-methylnaphthalene	wetdep	797.40	370.00	1400.00	-	0	6
2-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
9-methylphenanthrene	wetdep	45.00	45.00	45.00	-	6	6
acenaphthene	wetdep	135.86	45.00	370.00	-	4	6
acenaphthylene	wetdep	169.62	45.00	440.00	-	4	6
anthanthrene	wetdep	45.00	45.00	45.00	-	6	6
anthracene	wetdep	45.00	45.00	45.00	-	6	6
benz_a_anthracene	wetdep	21.21	4.00	45.00	-	6	14
benzo_a_pyrene	wetdep	22.29	3.00	45.00	-	6	14
benzo_b_fluoranthene	wetdep	25.73	8.90	45.00	-	6	14
benzo_e_pyrene	wetdep	23.81	3.00	45.00	-	6	14
benzo_ghi_perylene	wetdep	26.20	7.00	45.00	-	6	14
benzo_k_fluoranthene	wetdep	20.53	2.00	45.00	-	6	14
biphenyl	wetdep	315.96	45.00	610.00	-	2	6
chrysene	wetdep	24.20	9.00	45.00	-	6	14
coronene	wetdep	45.00	45.00	45.00	-	6	6
cyclopenta_cd_pyrene	wetdep	18.53	1.00	45.00	-	6	14
dibenzo_ae_pyrene	wetdep	18.61	1.40	45.00	-	6	14
dibenzo_ah_anthracene	wetdep	18.60	1.30	45.00	-	6	14
dibenzo_ah_pyrene	wetdep	17.70	0.25	45.00	-	13	14
dibenzo_ai_pyrene	wetdep	17.67	0.35	45.00	-	14	14
fluoranthene	wetdep	45.00	45.00	45.00	-	6	6
fluorene	wetdep	442.59	45.00	910.00	-	1	6
inden_123cd_pyrene	wetdep	21.83	5.00	45.00	-	6	14
naphthalene	wetdep	863.85	280.00	1800.00	-	0	6
perylene	wetdep	45.00	45.00	45.00	-	6	6
phenanthrene	wetdep	582.15	67.50	1100.00	-	2	6
pyrene	wetdep	45.00	45.00	45.00	-	6	6
retene	wetdep	69.97	67.50	70.00	-	6	6

IS0091R Storhofdi
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip	0.00	0.00	0.33	3.0	20	25
BDE_47	precip	0.01	0.00	0.33	4.7	14	25
BDE_99	precip	0.01	0.00	0.33	4.6	15	25
HCB	precip	0.01	0.00	0.97	5.9	3	25
PCB_101	precip	0.02	0.01	0.33	9.9	23	24
PCB_105	precip	0.00	0.00	0.33	2.4	25	25
PCB_118	precip	0.00	0.00	0.33	2.7	23	25
PCB_138	precip	0.00	0.00	0.33	2.9	23	25
PCB_153	precip	0.00	0.00	0.33	3.0	22	24
PCB_156	precip	0.00	0.00	0.33	2.4	25	25
PCB_180	precip	0.00	0.00	0.33	2.9	23	25
PCB_28	precip	0.01	0.00	0.83	6.9	23	25
PCB_31	precip	0.01	0.00	0.83	6.8	23	25
PCB_52	precip	0.01	0.00	0.33	3.6	22	25
alpha_HCH	precip	0.03	0.01	0.33	16.5	1	25
beta_HCH	precip	0.00	0.00	0.33	2.4	25	25
cis_CD	precip	0.00	0.00	0.33	2.6	23	25
dieldrin	precip	0.01	0.00	0.33	6.4	9	25
gamma_HCH	precip	0.01	0.00	0.33	5.5	14	25
op_DDT	precip	0.00	0.00	0.33	2.9	24	25
pp_DDD	precip	0.00	0.00	0.33	2.8	25	25
pp_DDE	precip	0.01	0.00	0.33	3.8	22	25
pp_DDT	precip	0.01	0.00	0.67	9.5	24	25
trans_CD	precip	0.00	0.00	0.33	2.5	24	25
trans_NO	precip	0.00	0.00	0.33	2.6	23	25

LV0010R Rucava
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	3.00	0.85	11.40	2041.0	17	20
benzo_a_pyrene	precip	2.25	0.50	9.30	1533.5	16	20
benzo_b_fluoranthene	precip	4.49	0.80	22.70	3054.7	14	20
benzo_k_fluoranthene	precip	2.09	1.00	9.00	1422.6	17	20
dibenzo_ah_anthracene	precip	1.40	1.40	1.40	953.2	20	20
inden_123cd_pyrene	precip	3.88	1.50	16.80	2640.4	17	20

NL0091R De Zilk
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip	3.74	0.69	8.63	2995.5	2	12
acenaphthylene	precip	1.58	0.62	5.49	1264.1	3	12
anthracene	precip	1.34	0.54	3.10	1070.8	4	12
benz_a_anthracene	precip	2.02	1.24	12.87	1616.4	0	12
benzo_a_pyrene	precip	6.86	1.87	23.87	5489.8	0	12
benzo_bjk_fluoranthenes	precip	5.01	1.35	11.45	4006.8	0	12
benzo_ghi_perylene	precip	7.00	2.56	15.16	5601.1	0	12
chrysene	precip	3.31	0.75	25.55	2645.0	2	12
dibenzo_ah_anthracene	precip	3.31	0.69	7.24	2651.3	4	12
fluoranthene	precip	5.11	0.52	32.92	4091.6	2	12
fluorene	precip	2.32	0.99	6.33	1852.8	1	12
gamma_HCH	precip	0.35	0.20	0.87	307.7	7	13
inden_123cd_pyrene	precip	2.39	0.21	13.95	1914.6	1	12
naphthalene	precip	1.99	0.17	16.41	1592.2	6	12
phenanthrene	precip	2.32	0.99	6.33	1852.8	1	12
pyrene	precip	4.37	1.10	27.29	3499.2	0	12

NO0001R Birkenes
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip	0.08	0.02	2.65	164.3	21	44
PCB_101	precip	0.01	0.00	0.05	18.7	33	44
PCB_118	precip	0.01	0.00	0.03	10.0	30	44
PCB_138	precip	0.01	0.00	0.04	16.7	33	44
PCB_153	precip	0.01	0.00	0.07	22.9	33	44
PCB_180	precip	0.00	0.00	0.02	9.2	32	44
PCB_28	precip	0.01	0.00	0.08	12.8	15	44
PCB_52	precip	0.01	0.00	0.04	13.1	15	44
PCB_99	precip	0.00	0.00	0.01	3.8	21	44
alpha_HCH	precip	0.08	0.04	0.26	165.7	0	44
gamma_HCH	precip	0.14	0.01	0.49	270.4	3	44

PL0005R Diabla Gora
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	7.10	0.40	67.20	3710.8	0	12
benzo_a_pyrene	precip	7.29	0.70	142.20	3811.2	0	12
benzo_b_fluoranthene	precip	21.51	1.10	165.00	11250.4	0	12
benzo_k_fluoranthene	precip	7.74	0.50	83.60	4049.9	0	12
dibenzo_ah_anthracene	precip	1.97	0.10	14.30	1029.0	1	11
inden_123cd_pyrene	precip	15.73	0.90	134.10	8227.0	0	12

SE0014R Råö
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.02	0.02	0.02	-	8	12
BDE_209	precip+dry_dep	-	-	-	-	0	0
BDE_47	precip+dry_dep	0.09	0.02	0.22	-	5	12
BDE_99	precip+dry_dep	0.04	0.02	0.07	-	3	12
HCB	precip+dry_dep	0.08	0.02	0.14	-	1	12
PCB_101	precip+dry_dep	0.07	0.03	0.18	-	3	12
PCB_118	precip+dry_dep	0.04	0.03	0.09	-	2	12
PCB_138	precip+dry_dep	0.13	0.05	0.27	-	0	12
PCB_153	precip+dry_dep	0.10	0.03	0.21	-	0	12
PCB_180	precip+dry_dep	0.09	0.04	0.25	-	0	12
PCB_28	precip+dry_dep	0.03	0.03	0.03	-	12	12
PCB_52	precip+dry_dep	0.05	0.04	0.07	-	8	12
alpha_HCH	precip+dry_dep	0.05	0.02	0.16	-	6	12
anthracene	precip+dry_dep	0.52	0.12	1.56	-	0	12
benz_a_anthracene	precip+dry_dep	5.39	0.92	18.79	-	0	12
benzo_a_pyrene	precip+dry_dep	3.65	0.73	11.63	-	0	12
benzo_b_fluoranthene	precip+dry_dep	7.85	1.26	31.11	-	0	12
benzo_ghi_perylene	precip+dry_dep	4.60	1.12	15.48	-	0	12
benzo_k_fluoranthene	precip+dry_dep	3.02	0.47	11.33	-	0	12
chrysene	precip+dry_dep	-	-	-	-	0	0
dibenzo_ah_anthracene	precip+dry_dep	1.09	0.16	4.52	-	0	12
fluoranthene	precip+dry_dep	14.91	1.95	44.03	-	0	12
gamma_HCH	precip+dry_dep	0.14	0.02	0.58	-	2	12
inden_123cd_pyrene	precip+dry_dep	5.68	0.84	23.06	-	0	12
phenanthrene	precip+dry_dep	13.30	2.11	29.72	-	0	12
pp_DDD	precip+dry_dep	0.06	0.02	0.31	-	5	12
pp_DDE	precip+dry_dep	0.10	0.04	0.23	-	0	12
pp_DDT	precip+dry_dep	0.05	0.02	0.13	-	5	12
pyrene	precip+dry_dep	10.12	1.54	31.29	-	0	12

SE0020R Hallahus
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip+dry_dep	1.03	0.25	2.70	-	0	12
benz_a_anthracene	precip+dry_dep	7.38	1.72	25.51	-	0	12
benzo_a_pyrene	precip+dry_dep	8.62	2.48	28.49	-	0	12
benzo_b_fluoranthene	precip+dry_dep	15.17	3.18	56.88	-	0	12
benzo_ghi_perylene	precip+dry_dep	10.25	2.77	32.16	-	0	12
benzo_k_fluoranthene	precip+dry_dep	6.84	1.54	24.56	-	0	12
chrysene	precip+dry_dep	14.49	3.00	43.00	-	0	12
fluoranthene	precip+dry_dep	30.07	7.15	71.91	-	0	12
inden_123cd_pyrene	precip+dry_dep	12.72	2.56	49.86	-	0	12
phenanthrene	precip+dry_dep	22.53	3.93	54.55	-	0	12
pyrene	precip+dry_dep	21.11	5.32	54.29	-	0	12

SE0022R Norunda Stenen
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.01	0.01	0.04	-	12	12
BDE_47	precip+dry_dep	0.02	0.01	0.04	-	10	12
BDE_99	precip+dry_dep	0.02	0.01	0.05	-	8	12
HCB	precip+dry_dep	0.05	0.01	0.11	-	0	12
PCB_101	precip+dry_dep	0.03	0.03	0.08	-	12	12
PCB_118	precip+dry_dep	0.02	0.02	0.06	-	12	12
PCB_138	precip+dry_dep	0.02	0.02	0.06	-	9	12
PCB_153	precip+dry_dep	0.02	0.02	0.06	-	11	12
PCB_180	precip+dry_dep	0.02	0.02	0.06	-	12	12
PCB_28	precip+dry_dep	0.03	0.03	0.08	-	11	12
PCB_52	precip+dry_dep	0.04	0.03	0.10	-	11	12
alpha_HCH	precip+dry_dep	0.03	0.01	0.08	-	8	12
anthracene	precip+dry_dep	0.63	0.12	2.91	-	0	12
benz_a_anthracene	precip+dry_dep	4.24	0.77	19.37	-	0	12
benzo_a_pyrene	precip+dry_dep	4.96	0.54	24.33	-	0	12
benzo_b_fluoranthene	precip+dry_dep	8.13	1.01	41.75	-	0	12
benzo_ghi_perylene	precip+dry_dep	6.39	0.84	36.95	-	0	12
benzo_k_fluoranthene	precip+dry_dep	3.57	0.40	17.78	-	0	12
chrysene	precip+dry_dep	8.74	1.00	41.00	-	0	12
dibenzo_ah_anthracene	precip+dry_dep	1.31	0.15	7.72	-	1	12
fluoranthene	precip+dry_dep	16.98	2.52	74.61	-	0	12
gamma_HCH	precip+dry_dep	0.06	0.01	0.16	-	2	12
inden_123cd_pyrene	precip+dry_dep	7.34	0.83	41.70	-	1	12

SE0022R Norunda Stenen (cont.)
January 2019 - December 2019

phenanthrene	precip+dry_dep	12.73	3.40	46.09	-	0	12
pp_DDD	precip+dry_dep	0.04	0.01	0.08	-	1	12
pp_DDE	precip+dry_dep	0.05	0.01	0.14	-	2	12
pp_DDT	precip+dry_dep	0.02	0.01	0.10	-	10	12
pyrene	precip+dry_dep	11.90	1.75	56.76	-	0	12

SI0008R Iskrba
January 2019 - December 2019

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip+dry_dep	12.54	0.73	61.39	-	16	52
benzo_a_pyrene	precip+dry_dep	14.01	0.73	77.77	-	22	52
benzo_bjk_fluoranthenes	precip+dry_dep	68.69	5.22	350.82	-	9	52
dibenzo_ah_anthracene	precip+dry_dep	8.16	0.73	22.07	-	27	52
inden_123cd_pyrene	precip+dry_dep	21.34	0.73	117.52	-	22	52

Appendix D

Annual statistics for POPs in air

BE0013R Houtem
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.08	0.01	4.38	0.00	0.01	0.55	32.9	17	120
benzo_a_pyrene	pm10	0.06	0.12	0.02	5.02	0.00	0.01	0.82	32.9	26	120
benzo_ghi_perylene	pm10	0.10	0.17	0.03	5.60	0.00	0.04	1.05	32.9	16	120
chrysene	pm10	0.11	0.21	0.04	4.49	0.00	0.04	1.42	32.9	5	120
fluoranthene	pm10	0.07	0.12	0.03	3.91	-0.01	0.03	0.90	32.9	1	120
inden_123cd_pyrene	pm10	0.08	0.13	0.02	6.20	0.00	0.03	0.77	32.9	18	120
pyrene	pm10	0.06	0.11	0.03	4.02	-0.01	0.02	0.90	32.9	2	120

CZ0003R Kosetice (NOAK)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	37.65	15.11	35.34	1.41	17.10	33.29	98.40	14.2	0	52
PCB_101	air+pm10	0.71	0.45	0.60	1.78	0.17	0.60	2.60	14.2	0	52
PCB_118	air+pm10	0.21	0.14	0.15	2.35	0.02	0.18	0.74	14.2	0	52
PCB_138	air+pm10	0.72	0.46	0.61	1.73	0.20	0.57	2.65	14.2	0	52
PCB_153	air+pm10	0.35	0.22	0.30	1.74	0.11	0.27	1.20	14.2	0	52
PCB_180	air+pm10	0.18	0.13	0.12	3.29	0.01	0.15	0.64	14.2	9	52
PCB_28	air+pm10	1.69	1.00	1.43	1.81	0.24	1.45	4.77	14.2	0	52
PCB_52	air+pm10	1.12	0.63	0.97	1.73	0.25	1.03	3.53	14.2	0	52
acenaphthene	air+pm10	0.18	0.24	0.11	2.72	0.02	0.10	1.41	14.2	0	52
acenaphthylene	air+pm10	0.33	0.53	0.11	5.14	0.01	0.12	2.39	14.2	0	52
alpha_HCH	air+pm10	2.63	1.90	2.12	1.93	0.49	2.00	8.89	14.2	0	52
anthracene	air+pm10	0.09	0.15	0.04	3.83	0.00	0.03	0.99	14.2	0	52
benz_a_anthracene	air+pm10	0.33	0.62	0.10	5.62	0.01	0.12	4.12	14.2	0	52
benzo_a_pyrene	air+pm10	0.37	0.62	0.14	4.85	0.01	0.17	4.11	14.2	0	52
benzo_b_fluoranthene	air+pm10	0.48	0.82	0.20	4.19	0.01	0.20	5.54	14.2	0	52
benzo_ghi_perylene	air+pm10	0.35	0.64	0.14	4.56	0.01	0.15	4.41	14.2	0	52
benzo_k_fluoranthene	air+pm10	0.19	0.32	0.07	4.52	0.00	0.08	2.17	14.2	0	52
delta_HCH	air+pm10	0.09	0.08	0.07	1.87	0.05	0.05	0.34	14.2	35	52
dibenzo_ah_anthracene	air+pm10	0.03	0.07	0.01	8.98	0.00	0.01	0.46	14.2	5	52
fluoranthene	air+pm10	1.25	1.62	0.73	2.96	0.09	0.83	10.74	14.2	0	52
fluorene	air+pm10	1.29	1.50	0.82	2.55	0.14	0.75	9.28	14.2	0	52
gamma_HCH	air+pm10	2.83	2.11	2.24	1.98	0.58	2.25	10.00	14.2	0	52
inden_123cd_pyrene	air+pm10	0.43	0.79	0.16	4.73	0.01	0.17	5.38	14.2	0	52
naphthalene	air+pm10	1.42	2.17	0.63	3.66	0.10	0.74	11.08	14.2	0	52
pentachlorobenzene	air+pm10	9.26	5.87	7.50	2.00	1.44	7.99	27.05	14.2	0	52
phenanthrene	air+pm10	2.63	2.74	1.72	2.61	0.18	1.69	15.84	14.2	0	52
pp_DDD	air+pm10	0.23	0.14	0.18	2.04	0.02	0.19	0.66	14.2	0	52
pp_DDE	air+pm10	8.30	5.41	6.67	1.99	1.43	6.89	22.80	14.2	0	52
pp_DDT	air+pm10	1.81	1.28	1.49	1.87	0.37	1.49	7.21	14.2	0	52
pyrene	air+pm10	0.88	1.19	0.48	3.14	0.07	0.47	7.82	14.2	0	52

DE0001R Westerland
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	19.25	7.24	17.98	1.51	8.91	19.95	30.25	100.0	0	12
PCB_101	air+pm10	1.70	0.73	1.57	1.54	0.65	1.57	3.33	100.0	0	12
PCB_118	air+pm10	0.38	0.14	0.36	1.41	0.19	0.33	0.65	100.0	0	12
PCB_138	air+pm10	1.00	0.61	0.85	1.82	0.37	0.78	2.14	100.0	0	12
PCB_153	air+pm10	1.29	0.53	1.19	1.51	0.53	1.21	2.33	100.0	0	12
PCB_180	air+pm10	0.25	0.13	0.23	1.65	0.10	0.22	0.49	100.0	0	12
PCB_28	air+pm10	1.46	0.33	1.43	1.29	0.76	1.55	1.89	100.0	0	12
PCB_52	air+pm10	1.85	0.53	1.78	1.34	0.96	1.85	3.02	100.0	0	12
aldrin	air+pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.00	100.0	0	12
alpha_HCH	air+pm10	3.05	0.64	2.99	1.24	2.09	3.19	4.15	100.0	0	12
anthracene	air+pm10	0.04	0.03	0.03	2.11	0.01	0.03	0.10	100.0	0	12
benz_a_anthracene	air+pm10	0.04	0.07	0.02	4.13	0.00	0.01	0.25	100.0	0	12
benzo_a_pyrene	air+pm10	0.05	0.09	0.02	3.97	0.00	0.01	0.30	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.17	0.27	0.08	3.47	0.02	0.06	0.96	100.0	0	12
benzo_ghi_perylene	air+pm10	0.06	0.08	0.03	3.33	0.01	0.02	0.25	100.0	0	12
chrysene_triphenylene	air+pm10	0.10	0.15	0.05	3.02	0.02	0.04	0.55	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.01	0.02	0.00	3.59	0.00	0.00	0.06	100.0	0	12
dieldrin	air+pm10	2.35	0.69	2.24	1.37	1.16	2.16	3.41	100.0	0	12
endrin	air+pm10	0.06	0.03	0.04	4.14	0.00	0.07	0.10	100.0	0	12
fluoranthene	air+pm10	0.46	0.33	0.39	1.88	0.12	0.37	1.38	100.0	0	12
gamma_HCH	air+pm10	7.38	2.66	6.95	1.43	3.88	6.53	11.81	100.0	0	12
heptachlor	air+pm10	0.06	0.03	0.04	3.41	0.00	0.05	0.11	100.0	0	12
inden_123cd_pyrene	air+pm10	0.06	0.09	0.03	3.67	0.01	0.02	0.30	100.0	0	12
op_DDD	air+pm10	0.12	0.05	0.11	1.50	0.05	0.10	0.26	100.0	0	12
op_DDE	air+pm10	0.12	0.03	0.12	1.30	0.08	0.12	0.17	100.0	0	12
op_DDT	air+pm10	0.44	0.26	0.38	1.76	0.15	0.38	1.08	100.0	0	12
phenanthrene	air+pm10	1.43	0.70	1.28	1.72	0.48	1.45	2.93	100.0	0	12
pp_DDD	air+pm10	0.13	0.07	0.12	1.53	0.06	0.12	0.31	100.0	0	12
pp_DDE	air+pm10	2.40	1.15	2.17	1.60	1.04	1.98	4.66	100.0	0	12
pp_DDT	air+pm10	0.60	0.31	0.52	1.77	0.17	0.53	1.22	100.0	0	12
pyrene	air+pm10	0.27	0.23	0.22	1.98	0.06	0.22	0.94	100.0	0	12

DE0002R Waldhof
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	23.53	5.23	22.98	1.27	13.92	23.50	30.93	100.0	0	12
PCB_101	air+pm10	1.95	0.74	1.83	1.46	0.99	1.78	3.17	100.0	0	12
PCB_118	air+pm10	0.37	0.14	0.35	1.45	0.20	0.37	0.69	100.0	0	12
PCB_138	air+pm10	1.00	0.52	0.89	1.69	0.44	0.97	2.03	100.0	0	12
PCB_153	air+pm10	1.22	0.48	1.14	1.48	0.56	1.08	2.17	100.0	0	12
PCB_180	air+pm10	0.28	0.10	0.26	1.40	0.16	0.25	0.51	100.0	0	12
PCB_28	air+pm10	1.93	0.36	1.90	1.19	1.52	1.84	2.85	100.0	0	12
PCB_52	air+pm10	2.22	0.43	2.18	1.22	1.46	2.11	3.00	100.0	0	12
aldrin	air+pm10	0.01	0.01	0.00	4.33	0.00	0.01	0.02	100.0	0	12
alpha_HCH	air+pm10	3.49	0.61	3.44	1.21	2.25	3.60	4.28	100.0	0	12
anthracene	air+pm10	0.03	0.04	0.02	3.00	0.01	0.01	0.10	100.0	0	12
benz_a_anthracene	air+pm10	0.12	0.17	0.04	5.20	0.00	0.04	0.51	100.0	0	12
benzo_a_pyrene	air+pm10	0.13	0.17	0.05	4.50	0.01	0.05	0.50	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.37	0.46	0.17	3.88	0.03	0.17	1.41	100.0	0	12
benzo_ghi_perylene	air+pm10	0.12	0.15	0.06	3.90	0.01	0.06	0.40	100.0	0	12
chrysene_triphenylene	air+pm10	0.21	0.26	0.10	3.68	0.02	0.10	0.85	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.02	0.03	0.01	3.56	0.00	0.01	0.08	100.0	0	12

DE0002R Waldhof (cont.)
January 2019 - December 2019

dieldrin	air+pm10	3.94	1.36	3.69	1.48	1.69	4.17	5.53	100.0	0	12
endrin	air+pm10	0.09	0.04	0.08	1.60	0.04	0.09	0.17	100.0	0	12
fluoranthene	air+pm10	0.64	0.60	0.48	2.19	0.18	0.38	2.18	100.0	0	12
gamma_HCH	air+pm10	12.48	2.92	12.14	1.28	7.56	12.37	16.75	100.0	0	12
heptachlor	air+pm10	0.09	0.03	0.08	1.46	0.04	0.10	0.13	100.0	0	12
inden_123cd_pyrene	air+pm10	0.14	0.17	0.06	4.08	0.01	0.06	0.46	100.0	0	12
op_DDD	air+pm10	0.16	0.09	0.14	1.71	0.06	0.15	0.39	100.0	0	12
op_DDE	air+pm10	0.32	0.13	0.29	1.53	0.13	0.28	0.60	100.0	0	12
op_DDT	air+pm10	2.18	1.53	1.77	1.98	0.53	1.82	6.04	100.0	0	12
phenanthrene	air+pm10	2.51	2.06	1.89	2.19	0.67	1.72	6.72	100.0	0	12
pp_DDD	air+pm10	0.25	0.12	0.23	1.53	0.14	0.24	0.58	100.0	0	12
pp_DDE	air+pm10	10.45	6.18	8.90	1.83	3.07	8.54	22.63	100.0	0	12
pp_DDT	air+pm10	3.23	2.00	2.74	1.83	0.97	3.09	8.41	100.0	0	12
pyrene	air+pm10	0.41	0.44	0.27	2.63	0.08	0.21	1.52	100.0	0	12

DE0003R Schauinsland
January 2019 - December 2019

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	0.01	1.52	0.01	0.01	0.03	100.0	0	12
benz_a_anthracene	air+pm10	0.01	0.01	0.01	2.14	0.00	0.01	0.03	100.0	0	12
benzo_a_pyrene	air+pm10	0.01	0.01	0.01	1.92	0.00	0.01	0.04	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.05	0.04	0.04	2.02	0.01	0.03	0.13	100.0	0	12
benzo_ghi_perylene	air+pm10	0.02	0.01	0.01	2.16	0.00	0.01	0.05	100.0	0	12
chrysene_triphenylene	air+pm10	0.03	0.02	0.02	1.92	0.01	0.02	0.08	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.00	0.00	0.00	2.28	0.00	0.00	0.01	100.0	0	12
fluoranthene	air+pm10	0.19	0.07	0.18	1.41	0.10	0.16	0.38	100.0	0	12
inden_123cd_pyrene	air+pm10	0.02	0.02	0.02	2.23	0.00	0.01	0.06	100.0	0	12
phenanthrene	air+pm10	0.91	0.26	0.87	1.34	0.51	0.93	1.44	100.0	0	12
pyrene	air+pm10	0.11	0.04	0.11	1.44	0.06	0.11	0.23	100.0	0	12

DE0008R Schmücke
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+pm10	0.19	0.09	0.16	2.05	0.03	0.20	0.34	100.0	0	12
benz_a_anthracene	air+pm10	0.07	0.04	0.05	2.74	0.00	0.07	0.13	100.0	0	12
benzo_a_pyrene	air+pm10	0.07	0.05	0.05	2.57	0.01	0.06	0.14	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.21	0.13	0.16	2.33	0.02	0.17	0.42	100.0	0	12
benzo_ghi_perylene	air+pm10	0.08	0.05	0.06	2.55	0.01	0.06	0.16	100.0	0	12
chrysene_triphenylene	air+pm10	0.14	0.08	0.11	2.21	0.02	0.12	0.28	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.01	0.01	0.01	2.48	0.00	0.01	0.03	100.0	0	12
fluoranthene	air+pm10	0.69	0.32	0.63	1.59	0.26	0.63	1.41	100.0	0	12
inden_123cd_pyrene	air+pm10	0.09	0.06	0.06	2.58	0.01	0.07	0.18	100.0	0	12
phenanthrene	air+pm10	2.70	1.66	2.34	1.76	0.97	2.22	6.55	100.0	0	12
pyrene	air+pm10	0.52	0.21	0.48	1.52	0.24	0.50	0.92	100.0	0	12

DE0009R Zingst
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	19.87	7.43	18.55	1.50	9.93	21.08	34.67	100.0	0	12
PCB_101	air+pm10	0.93	0.31	0.89	1.38	0.49	0.89	1.67	100.0	0	12
PCB_118	air+pm10	0.21	0.07	0.20	1.39	0.12	0.21	0.34	100.0	0	12
PCB_138	air+pm10	0.50	0.23	0.45	1.58	0.22	0.45	0.98	100.0	0	12
PCB_153	air+pm10	0.59	0.23	0.56	1.44	0.30	0.56	1.06	100.0	0	12
PCB_180	air+pm10	0.12	0.05	0.12	1.43	0.07	0.11	0.21	100.0	0	12
PCB_28	air+pm10	1.31	0.24	1.29	1.23	0.87	1.35	1.65	100.0	0	12
PCB_52	air+pm10	1.26	0.27	1.24	1.24	0.84	1.22	1.74	100.0	0	12
aldrin	air+pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.00	91.5	0	11
alpha_HCH	air+pm10	3.11	0.63	3.06	1.22	2.15	3.07	4.46	100.0	0	12
anthracene	air+pm10	0.04	0.03	0.03	2.21	0.01	0.03	0.11	100.0	0	12
benz_a_anthracene	air+pm10	0.09	0.14	0.03	5.20	0.00	0.04	0.47	100.0	0	12
benzo_a_pyrene	air+pm10	0.10	0.14	0.04	5.15	0.00	0.04	0.46	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.31	0.42	0.13	4.33	0.02	0.14	1.47	100.0	0	12
benzo_ghi_perylene	air+pm10	0.10	0.12	0.05	4.08	0.01	0.06	0.36	100.0	0	12
chrysene_triphenylene	air+pm10	0.17	0.22	0.09	3.59	0.02	0.08	0.76	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.02	0.02	0.01	4.23	0.00	0.01	0.08	100.0	0	12
dieldrin	air+pm10	1.47	0.43	1.40	1.39	0.74	1.59	1.99	100.0	0	12
endrin	air+pm10	0.04	0.03	0.03	3.95	0.00	0.05	0.10	100.0	0	12
fluoranthene	air+pm10	0.55	0.67	0.36	2.52	0.11	0.31	2.53	100.0	0	12
gamma_HCH	air+pm10	8.73	2.17	8.46	1.31	4.66	8.74	12.11	100.0	0	12
heptachlor	air+pm10	0.05	0.04	0.03	3.59	0.00	0.04	0.15	100.0	0	12
inden_123cd_pyrene	air+pm10	0.12	0.14	0.05	4.18	0.01	0.06	0.42	100.0	0	12
op_DDD	air+pm10	0.37	0.22	0.32	1.74	0.14	0.29	0.85	100.0	0	12
op_DDE	air+pm10	0.40	0.15	0.38	1.40	0.24	0.36	0.76	100.0	0	12
op_DDT	air+pm10	2.94	1.84	2.51	1.78	1.02	2.07	7.35	100.0	0	12
phenanthrene	air+pm10	1.67	1.70	1.19	2.38	0.36	1.18	6.46	100.0	0	12
pp_DDD	air+pm10	0.59	0.27	0.55	1.51	0.28	0.54	1.25	100.0	0	12
pp_DDE	air+pm10	11.79	8.43	9.73	1.84	4.72	8.97	31.44	100.0	0	12
pp_DDT	air+pm10	5.94	3.50	5.11	1.75	2.03	4.30	14.03	100.0	0	12
pyrene	air+pm10	0.35	0.39	0.24	2.45	0.09	0.19	1.45	100.0	0	12

DK0010G Villum Research Station, Station Nord
January 2019 - December 2019

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	24.9	13	13
BDE_138	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	24.9	13	13
BDE_153	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.9	13	13
BDE_154	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.9	13	13
BDE_183	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	24.9	13	13
BDE_28	air	0.02	0.04	0.01	2.12	0.01	0.01	0.15	24.9	12	13
BDE_47	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.9	13	13
BDE_66	air	0.04	0.09	0.02	3.01	0.01	0.01	0.33	24.9	11	13
BDE_71	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.9	13	13
BDE_85	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	24.9	13	13
BDE_99	air	0.04	0.09	0.02	2.18	0.02	0.02	0.33	24.9	12	13
HCB	air	37.55	7.24	36.86	1.23	24.70	38.70	49.80	24.9	0	13

DK0010G Villum Research Station, Station Nord (cont.)
January 2019 - December 2019

aldrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
alpha_HCH	air	3.14	1.06	2.98	1.40	1.82	2.80	5.00	24.9	0	13
beta_HCH	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
cis_CD	air	0.31	0.11	0.29	1.44	0.14	0.29	0.49	24.9	0	13
cis_NO	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
dieldrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
endosulfan	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
endrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.9	13	13
gamma_HCH	air	1.35	1.83	0.80	2.53	0.28	0.70	6.09	24.9	0	13
heptachlor	air	0.31	0.54	0.07	11.27	0.00	0.10	1.71	24.9	2	13
heptachlorepoxide	air	0.20	0.21	0.02	29.99	0.00	0.16	0.54	24.9	6	13
op_DDE	air	0.28	0.23	0.21	2.19	0.05	0.23	0.83	24.9	0	13
op_DDT	air	0.15	0.17	0.08	3.45	0.01	0.07	0.50	24.9	0	13
pp_DDD	air	0.18	0.19	0.05	14.55	0.00	0.14	0.63	24.9	3	13
pp_DDE	air	0.28	0.23	0.21	2.19	0.05	0.23	0.83	24.9	0	13
pp_DDT	air	0.41	0.66	0.03	22.18	0.00	0.20	2.20	24.9	6	13
trans_CD	air	0.17	0.08	0.15	1.61	0.07	0.17	0.33	24.9	0	13
trans_NO	air	0.16	0.17	0.02	26.85	0.00	0.17	0.43	24.9	6	13

EE0009R Lahemaa
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.08	0.13	0.06	3.09	0.00	0.04	0.74	98.1	1	52

ES0001R San Pablo de los Montes
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthene	pm10	0.00	0.01	0.01	1.67	0.00	0.00	0.03	96.7	11	12
anthracene	pm10	0.00	0.00	0.01	2.82	0.00	0.00	0.01	96.7	10	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.37	0.00	0.00	0.01	96.7	11	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	3.18	0.00	0.00	0.04	96.7	6	12
benzo_ghi_perylene	pm10	0.03	0.04	0.01	4.06	0.00	0.01	0.13	96.7	2	12
benzo_k_fluoranthene	pm10	0.03	0.05	0.01	4.12	0.00	0.01	0.15	96.7	2	12
chrysene	pm10	0.01	0.01	0.00	2.86	0.00	0.00	0.05	96.7	7	12
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	3.69	0.00	0.00	0.07	96.7	7	12
fluoranthene	pm10	0.01	0.01	0.01	2.38	0.00	0.01	0.05	96.7	6	12
fluorene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	11	12
inden_123cd_pyrene	pm10	0.04	0.07	0.02	5.38	0.00	0.01	0.20	96.7	3	12
naphthalene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
phenanthrene	pm10	0.01	0.01	0.01	1.81	0.00	0.01	0.03	96.7	2	12
pyrene	pm10	0.01	0.01	0.00	2.28	0.00	0.00	0.04	96.7	9	12

ES0007R Víznar
January 2019 - December 2019

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	12	12
acenaphthylene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.01	0.00	5.06	0.00	0.00	0.02	96.7	9	12
benz_a_anthracene	pm10	0.00	0.01	0.00	2.25	0.00	0.00	0.02	96.7	8	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	3.28	0.00	0.00	0.04	96.7	7	12
benzo_ghi_perylene	pm10	0.03	0.05	0.01	5.25	0.00	0.01	0.17	96.7	5	12
benzo_k_fluoranthene	pm10	0.03	0.04	0.01	4.67	0.00	0.01	0.12	96.7	4	12
chrysene	pm10	0.01	0.02	0.01	3.11	0.00	0.01	0.07	96.7	3	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	2.20	0.00	0.00	0.02	96.7	7	12
fluoranthene	pm10	0.01	0.01	0.01	2.49	0.00	0.01	0.05	96.7	6	12
fluorene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	96.7	12	12
inden_123cd_pyrene	pm10	0.04	0.06	0.01	5.54	0.00	0.01	0.18	96.7	5	12
naphthalene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	12	12
phenanthrene	pm10	0.00	0.00	0.01	1.28	0.00	0.00	0.01	96.7	4	12
pyrene	pm10	0.01	0.01	0.01	2.04	0.00	0.01	0.05	96.7	1	12

ES0008R Niembro
January 2019 - December 2019

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	1.00	0.00	0.00	0.01	80.5	10	10
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	80.5	10	10
anthracene	pm10	0.00	0.00	0.00	2.72	0.00	0.00	0.01	80.5	7	10
benz_a_anthracene	pm10	0.01	0.01	0.00	2.86	0.00	0.00	0.05	80.5	5	10
benzo_a_pyrene	pm10	0.03	0.04	0.02	3.95	0.00	0.01	0.09	80.5	4	10
benzo_ghi_perylene	pm10	0.11	0.20	0.03	5.04	0.00	0.02	0.65	80.5	1	10
benzo_k_fluoranthene	pm10	0.13	0.21	0.05	4.71	0.01	0.03	0.64	80.5	0	10
chrysene	pm10	0.02	0.02	0.01	2.36	0.00	0.01	0.09	80.5	1	10
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.99	0.00	0.00	0.01	80.5	6	10
fluoranthene	pm10	0.02	0.01	0.01	2.05	0.00	0.01	0.03	80.5	2	10
fluorene	pm10	0.00	0.00	-	-	0.00	0.00	0.00	80.5	10	10
inden_123cd_pyrene	pm10	0.14	0.27	0.05	4.49	0.00	0.03	0.89	80.5	0	10
naphthalene	pm10	0.00	0.01	0.02	2.23	0.00	0.00	0.03	80.5	10	10
phenanthrene	pm10	0.02	0.04	0.01	2.93	0.00	0.01	0.13	80.5	1	10
pyrene	pm10	0.01	0.01	0.01	2.12	0.00	0.01	0.03	80.5	5	10

ES0012R Zarra
January 2019 - December 2019

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	1.00	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.00	0.00	1.00	0.00	0.00	0.00	96.7	11	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.00	0.00	0.00	0.00	96.7	12	12
benzo_a_pyrene	pm10	0.01	0.01	0.00	2.74	0.00	0.00	0.04	96.7	9	12
benzo_ghi_perylene	pm10	0.00	0.00	0.00	1.83	0.00	0.00	0.01	96.7	4	12
benzo_k_fluoranthene	pm10	0.01	0.01	0.01	2.49	0.00	0.00	0.03	96.7	5	12
chrysene	pm10	0.00	0.00	0.00	1.79	0.00	0.00	0.01	96.7	7	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.47	0.00	0.00	0.01	96.7	11	12
fluoranthene	pm10	0.00	0.00	0.00	1.35	0.00	0.00	0.01	96.7	10	12
inden_123cd_pyrene	pm10	0.00	0.00	0.00	1.82	0.00	0.00	0.01	96.7	6	12
naphthalene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
phenanthrene	pm10	0.00	0.00	0.00	1.47	0.00	0.00	0.01	96.7	4	12
pyrene	pm10	0.00	0.00	0.00	1.39	0.00	0.00	0.01	96.7	10	12

ES0014R Els Torms
January 2019 - December 2019

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	1.00	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.00	0.00	3.15	0.00	0.00	0.02	96.7	8	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.39	0.00	0.00	0.01	96.7	10	12
benzo_a_pyrene	pm10	0.01	0.01	0.00	3.00	0.00	0.00	0.05	96.7	7	12
benzo_ghi_perylene	pm10	0.02	0.05	0.01	3.87	0.00	0.01	0.17	96.7	4	12
benzo_k_fluoranthene	pm10	0.04	0.09	0.01	4.38	0.00	0.01	0.33	96.7	4	12
chrysene	pm10	0.01	0.01	0.01	2.33	0.00	0.00	0.03	96.7	4	12
dibenzo_ah_anthracene	pm10	0.00	0.01	0.00	2.41	0.00	0.00	0.03	96.7	11	12
fluoranthene	pm10	0.00	0.00	0.00	1.70	0.00	0.00	0.01	96.7	10	12
fluorene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	11	12
inden_123cd_pyrene	pm10	0.04	0.09	0.01	4.64	0.00	0.01	0.33	96.7	5	12
naphthalene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
phenanthrene	pm10	0.00	0.00	0.01	1.48	0.00	0.01	0.01	96.7	3	12
pyrene	pm10	0.00	0.00	0.00	1.60	0.00	0.00	0.01	96.7	10	12

FI0018R Virolahti III
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.03	0.04	0.01	4.26	0.00	0.02	0.14	91.6	0	12
benz_a_anthracene	pm10	0.11	0.11	0.09	2.46	0.02	0.09	0.37	91.6	0	12
benzo_a_pyrene	pm10	0.12	0.11	0.09	2.59	0.03	0.11	0.37	91.6	4	12
benzo_bjk_fluoranthenes	pm10	0.29	0.28	0.24	2.36	0.07	0.24	0.85	91.6	0	12
benzo_ghi_perylene	pm10	0.13	0.13	0.11	2.48	0.02	0.11	0.39	91.6	1	12
chrysene	pm10	0.16	0.16	0.13	2.42	0.04	0.13	0.53	91.6	0	12
dibenzo_ac_ah_anthracenes	pm10	0.02	0.01	0.02	1.60	0.01	0.01	0.04	91.6	9	12
fluoranthene	pm10	0.39	0.43	0.28	2.89	0.07	0.29	1.41	91.6	0	12
inden_123cd_pyrene	pm10	0.10	0.09	0.09	2.23	0.03	0.10	0.29	91.6	0	12
phenanthrene	pm10	0.28	0.42	0.14	4.13	0.03	0.16	1.36	91.6	0	12
pyrene	pm10	0.35	0.38	0.26	2.63	0.07	0.28	1.31	91.6	0	12

FI0036R Pallas (Matorova)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.02	0.00	0.02	1.12	0.02	0.02	0.03	99.2	12	12
BDE_153	air+aerosol	0.03	0.00	0.03	1.09	0.03	0.03	0.04	99.2	12	12
BDE_154	air+aerosol	0.04	0.01	0.04	1.16	0.03	0.04	0.04	99.2	12	12
BDE_209	air+aerosol	-	-	-	-	-	-	-	0.0	0	0
BDE_47	air+aerosol	0.03	0.01	0.03	1.48	0.02	0.02	0.06	99.2	8	12
BDE_85	air+aerosol	0.03	0.00	0.03	1.09	0.03	0.03	0.04	99.2	12	12
BDE_99	air+aerosol	0.03	0.01	0.03	1.25	0.02	0.03	0.04	99.2	11	12
FTS_6-2	air+aerosol	0.17	0.19	0.11	2.65	0.05	0.06	0.59	99.2	6	12
HCB	air+aerosol	25.00	0.00	25.00	1.00	25.00	25.00	25.00	99.2	0	12
PCB_101	air+aerosol	0.26	0.13	0.24	1.56	0.15	0.22	0.56	99.2	0	12
PCB_118	air+aerosol	0.09	0.03	0.08	1.37	0.06	0.09	0.16	99.2	0	12
PCB_138	air+aerosol	0.08	0.03	0.08	1.46	0.05	0.07	0.14	99.2	0	12
PCB_153	air+aerosol	0.09	0.04	0.09	1.49	0.05	0.08	0.17	99.2	1	12
PCB_180	air+aerosol	0.03	0.01	0.03	1.16	0.03	0.03	0.05	99.2	12	12
PCB_28	air+aerosol	0.48	0.13	0.46	1.32	0.24	0.43	0.76	99.2	0	12
PCB_52	air+aerosol	0.46	0.21	0.43	1.51	0.22	0.37	0.95	99.2	0	12
PFBA	air+aerosol	0.75	0.58	0.61	2.04	0.18	0.52	1.92	99.2	0	12
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
PFDcA	air+aerosol	0.08	0.04	0.08	1.55	0.05	0.07	0.16	99.2	3	12
PFDcS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
PFHpA	air+aerosol	0.06	0.01	0.05	1.19	0.05	0.05	0.09	99.2	8	12
PFHxA	air+aerosol	0.15	0.04	0.14	1.32	0.09	0.15	0.21	99.2	0	12
PFHxS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
PFNA	air+aerosol	0.05	0.00	0.05	1.01	0.05	0.05	0.05	99.2	11	12
PFOA	air+aerosol	0.14	0.04	0.13	1.39	0.08	0.15	0.22	99.2	0	12
PFOS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
PFUnA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.2	12	12
alpha_HCH	air+aerosol	2.25	0.61	2.16	1.32	1.44	2.04	3.23	99.2	0	12
alpha_endosulfan	air+aerosol	0.39	0.21	0.33	1.89	0.13	0.41	0.71	99.2	0	12
anthracene	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.01	99.2	0	12
anthracene	pm10	0.00	0.00	0.00	2.24	0.00	0.00	0.01	91.6	9	12
benz_a_anthracene	air+aerosol	0.01	0.00	0.00	1.92	0.00	0.00	0.02	99.2	0	12
benz_a_anthracene	pm10	0.01	0.02	0.01	3.43	0.00	0.01	0.05	91.6	5	12
benzo_a_pyrene	air+aerosol	0.00	0.01	0.00	2.52	0.00	0.00	0.02	99.2	0	12
benzo_a_pyrene	pm10	0.02	0.02	0.01	2.23	0.01	0.01	0.06	91.6	8	12
benzo_b_fluoranthene	air+aerosol	0.01	0.01	0.01	2.30	0.00	0.01	0.03	99.2	0	12
benzo_bjk_fluoranthenes	pm10	0.04	0.05	0.02	3.72	0.00	0.02	0.16	91.6	1	12
benzo_ghi_perylene	air+aerosol	0.01	0.01	0.00	2.57	0.00	0.00	0.02	99.2	0	12
benzo_k_fluoranthene	air+aerosol	0.00	0.00	0.00	2.30	0.00	0.00	0.01	99.2	0	12
beta_endosulfan	air+aerosol	0.04	0.01	0.04	1.21	0.03	0.04	0.05	99.2	3	12
chrysene	air+aerosol	0.01	0.01	0.01	1.87	0.00	0.01	0.03	74.2	0	9
chrysene	pm10	0.02	0.03	0.01	3.07	0.00	0.01	0.10	91.6	2	12
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	2.56	0.00	0.00	0.00	99.2	0	12
fluoranthene	air+aerosol	0.06	0.04	0.05	1.86	0.02	0.05	0.13	99.2	0	12
fluoranthene	pm10	0.05	0.07	0.03	2.96	0.01	0.02	0.23	91.6	6	12

FI0036R Pallas (Matorova)
January 2019 - December 2019

gamma_HCH	air+aerosol	0.70	0.41	0.59	1.88	0.21	0.61	1.48	99.2	0	12
inden_123cd_pyrene	air+aerosol	0.01	0.01	0.00	2.52	0.00	0.00	0.02	99.2	0	12
inden_123cd_pyrene	pm10	0.01	0.02	0.01	2.04	0.01	0.01	0.05	91.6	9	12
phenanthrene	air+aerosol	0.18	0.08	0.17	1.49	0.10	0.16	0.37	99.2	0	12
phenanthrene	pm10	0.03	0.04	0.02	2.78	0.01	0.01	0.13	91.6	6	12
pp_DDD	air+aerosol	0.02	0.00	0.02	1.12	0.02	0.02	0.03	99.2	11	12
pp_DDE	air+aerosol	0.26	0.14	0.24	1.58	0.14	0.23	0.58	99.2	0	12
pp_DDT	air+aerosol	0.05	0.03	0.05	1.57	0.03	0.04	0.12	99.2	1	12
pyrene	air+aerosol	0.03	0.02	0.03	1.94	0.01	0.03	0.09	99.2	0	12
pyrene	pm10	0.06	0.05	0.06	1.71	0.04	0.04	0.21	91.6	9	12

FI0050R Hyytiälä
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.01	0.02	0.01	3.41	0.00	0.01	0.09	91.6	4	12
benz_a_anthracene	pm10	0.08	0.10	0.06	2.47	0.01	0.06	0.39	91.6	0	12
benzo_a_pyrene	pm10	0.10	0.11	0.08	2.36	0.03	0.08	0.44	91.6	4	12
benzo_bjk_fluoranthenes	pm10	0.22	0.26	0.16	2.48	0.04	0.16	1.00	91.6	0	12
benzo_ghi_perylene	pm10	0.10	0.11	0.07	2.53	0.02	0.08	0.43	91.6	2	12
chrysene	pm10	0.12	0.15	0.08	2.48	0.02	0.08	0.57	91.6	0	12
dibenzo_ac_ah_anthracenes	pm10	0.01	0.01	0.01	1.46	0.01	0.01	0.04	91.6	10	12
fluoranthene	pm10	0.29	0.39	0.18	2.88	0.04	0.18	1.44	91.6	0	12
inden_123cd_pyrene	pm10	0.08	0.08	0.06	2.28	0.02	0.07	0.32	91.6	0	12
phenanthrene	pm10	0.19	0.35	0.09	3.54	0.03	0.03	1.26	91.6	7	12
pyrene	pm10	0.27	0.34	0.18	2.62	0.04	0.17	1.29	91.6	0	12

FR0008R Donon
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.02	0.04	0.01	3.62	0.00	0.01	0.23	16.6	21	61
benzo_a_pyrene	pm10	0.04	0.07	0.02	3.38	0.01	0.02	0.40	16.6	21	61
benzo_b_fluoranthene	pm10	0.06	0.10	0.03	3.50	0.01	0.03	0.63	16.6	13	61
benzo_k_fluoranthene	pm10	0.03	0.05	0.01	2.98	0.01	0.01	0.29	16.6	25	61
dibenzo_ah_anthracene	pm10	0.01	0.01	0.01	2.08	0.01	0.01	0.09	16.6	45	61
inden_123cd_pyrene	pm10	0.05	0.08	0.02	3.41	0.01	0.03	0.51	16.6	17	61

FR0009R Revin
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.03	0.04	0.01	3.58	0.00	0.01	0.22	16.1	15	59
benzo_a_pyrene	pm10	0.05	0.07	0.02	3.28	0.01	0.02	0.34	16.1	14	59
benzo_b_fluoranthene	pm10	0.08	0.10	0.05	2.95	0.01	0.04	0.54	16.1	3	59
benzo_k_fluoranthene	pm10	0.03	0.04	0.02	2.88	0.01	0.02	0.22	16.1	15	59
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	2.23	0.01	0.01	0.08	16.1	38	59
inden_123cd_pyrene	pm10	0.06	0.07	0.03	3.04	0.01	0.03	0.38	16.1	8	59

FR0013R Peyrusse Vieille
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.01	0.01	0.00	2.53	0.00	0.00	0.08	16.3	39	60
benzo_a_pyrene	pm10	0.02	0.03	0.01	2.86	0.01	0.01	0.18	16.3	38	60
benzo_b_fluoranthene	pm10	0.04	0.07	0.01	3.59	0.01	0.01	0.43	16.3	30	60
benzo_k_fluoranthene	pm10	0.02	0.03	0.01	2.51	0.01	0.01	0.18	16.3	38	60
dibenzo_ah_anthracene	pm10	0.01	0.01	0.01	1.83	0.01	0.01	0.06	16.3	46	60
inden_123cd_pyrene	pm10	0.03	0.05	0.01	3.24	0.01	0.01	0.28	16.3	29	60

FR0023R Saint-Nazaire-le-Désert
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.03	0.06	0.01	4.07	0.00	0.01	0.36	16.6	24	61
benzo_a_pyrene	pm10	0.05	0.10	0.02	3.89	0.01	0.02	0.61	16.6	22	61
benzo_b_fluoranthene	pm10	0.09	0.14	0.04	4.47	0.01	0.04	0.79	16.6	16	61
benzo_k_fluoranthene	pm10	0.04	0.06	0.02	3.47	0.01	0.02	0.35	16.6	24	61
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	2.34	0.01	0.01	0.09	16.6	36	61
inden_123cd_pyrene	pm10	0.07	0.10	0.03	4.22	0.01	0.03	0.51	16.6	20	61

FR0024R Guipry
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.03	0.08	0.01	4.36	0.00	0.01	0.49	15.3	24	56
benzo_a_pyrene	pm10	0.07	0.14	0.02	4.32	0.01	0.01	0.82	15.1	23	55
benzo_b_fluoranthene	pm10	0.10	0.17	0.03	4.51	0.01	0.03	0.89	15.3	13	56
benzo_k_fluoranthene	pm10	0.04	0.08	0.02	3.85	0.01	0.01	0.45	15.3	27	56
dibenzo_ah_anthracene	pm10	0.02	0.03	0.01	2.66	0.01	0.01	0.14	15.3	37	56
inden_123cd_pyrene	pm10	0.08	0.14	0.03	4.37	0.01	0.03	0.72	15.3	16	56

FR0025R Verneuil
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.12	0.01	4.71	0.00	0.01	0.57	15.8	24	58
benzo_a_pyrene	pm10	0.07	0.16	0.02	4.39	0.01	0.02	0.80	15.8	21	58
benzo_b_fluoranthene	pm10	0.12	0.23	0.04	4.85	0.01	0.03	1.10	15.8	13	58
benzo_k_fluoranthene	pm10	0.05	0.10	0.02	4.10	0.01	0.01	0.50	15.8	27	58
dibenzo_ah_anthracene	pm10	0.02	0.04	0.01	2.91	0.01	0.01	0.18	15.8	37	58
inden_123cd_pyrene	pm10	0.09	0.18	0.03	4.39	0.01	0.03	0.85	15.8	14	58

GB0014R High Muffles
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	aerosol	0.01	0.00	0.01	1.19	0.00	0.00	0.01	32.9	4	4
benz_a_anthracene	aerosol	0.03	0.03	0.01	3.49	0.00	0.01	0.10	100.0	1	12
benzo_a_pyrene	aerosol	0.04	0.04	0.02	2.92	0.01	0.03	0.14	100.0	0	12
benzo_b_fluoranthene	aerosol	0.08	0.08	0.05	3.11	0.01	0.07	0.22	100.0	0	12
benzo_e_pyrene	aerosol	0.06	0.06	0.04	2.86	0.01	0.04	0.17	100.0	0	12
benzo_ghi_perylene	aerosol	0.07	0.06	0.05	2.72	0.01	0.05	0.18	100.0	0	12
benzo_k_fluoranthene	aerosol	0.02	0.02	0.01	2.76	0.00	0.01	0.07	100.0	3	12
chrysene	aerosol	0.06	0.06	0.03	3.26	0.01	0.03	0.20	100.0	0	12
coronene	aerosol	0.03	0.03	0.02	3.09	0.00	0.02	0.07	32.9	1	4
cyclopenta_cd_pyrene	aerosol	0.01	0.02	0.00	3.63	0.00	0.00	0.05	100.0	3	12
dibenzo_ah_anthracene	aerosol	0.01	0.01	0.00	2.70	0.00	0.00	0.04	100.0	4	12
dibenzo_ai_pyrene	aerosol	0.01	0.01	0.00	3.29	0.00	0.00	0.05	100.0	3	12
inden_123cd_pyrene	aerosol	0.05	0.04	0.03	2.77	0.01	0.03	0.13	100.0	0	12
perylene	aerosol	0.01	0.00	0.01	1.19	0.00	0.00	0.01	32.9	4	4

GB0048R Auchencorth Moss
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	pm10	0.01	0.00	0.01	1.19	0.00	0.00	0.01	32.9	4	4
benz_a_anthracene	pm10	0.01	0.01	0.01	2.76	0.00	0.00	0.04	100.0	3	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	2.67	0.00	0.01	0.05	100.0	3	12
benzo_b_fluoranthene	pm10	0.03	0.03	0.02	2.87	0.01	0.01	0.10	100.0	2	12
benzo_e_pyrene	pm10	0.10	0.25	0.02	5.03	0.00	0.01	0.89	100.0	2	12
benzo_ghi_perylene	pm10	0.03	0.03	0.02	2.68	0.01	0.02	0.10	100.0	1	12
benzo_k_fluoranthene	pm10	0.01	0.01	0.01	2.40	0.00	0.01	0.05	100.0	3	12
chrysene	pm10	0.02	0.02	0.01	2.84	0.00	0.01	0.07	100.0	1	12
coronene	pm10	0.01	0.01	0.01	2.08	0.00	0.01	0.02	32.9	3	4
cyclopenta_cd_pyrene	pm10	0.00	0.00	0.00	2.50	0.00	0.00	0.01	100.0	4	12
dibenzo_ae_pyrene	pm10	0.01	0.00	0.00	2.33	0.00	0.00	0.02	100.0	4	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	2.49	0.00	0.00	0.02	100.0	4	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	2.40	0.00	0.00	0.01	100.0	9	12
dibenzo_ai_pyrene	pm10	0.00	0.00	0.00	2.11	0.00	0.00	0.01	100.0	6	12
inden_123cd_pyrene	pm10	0.02	0.02	0.01	2.73	0.00	0.01	0.07	100.0	3	12
perylene	pm10	0.01	0.00	0.01	1.19	0.00	0.00	0.01	32.9	4	4

GB1055R Chilbolton Observatory
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	pm10	0.06	0.11	0.01	6.87	0.00	0.00	0.22	32.9	3	4
benz_a_anthracene	pm10	0.05	0.07	0.03	3.15	0.01	0.02	0.26	100.0	0	12
benzo_a_pyrene	pm10	0.07	0.09	0.05	2.63	0.02	0.04	0.31	100.0	0	12
benzo_b_fluoranthene	pm10	0.18	0.26	0.09	3.05	0.02	0.09	0.95	100.0	0	12
benzo_e_pyrene	pm10	0.12	0.12	0.07	2.74	0.02	0.07	0.42	100.0	0	12
benzo_ghi_perylene	pm10	0.10	0.08	0.07	2.30	0.02	0.07	0.24	100.0	0	12
benzo_k_fluoranthene	pm10	0.09	0.17	0.03	3.58	0.01	0.03	0.63	100.0	1	12
chrysene	pm10	0.09	0.12	0.05	2.88	0.01	0.06	0.44	100.0	0	12
coronene	pm10	0.04	0.03	0.04	1.88	0.02	0.03	0.08	32.9	0	4
cyclopenta_cd_pyrene	pm10	0.02	0.04	0.01	4.83	0.00	0.00	0.15	100.0	2	12
dibenzo_ae_pyrene	pm10	0.01	0.01	0.01	2.53	0.00	0.01	0.03	100.0	2	12
dibenzo_ah_anthracene	pm10	0.01	0.01	0.01	2.42	0.00	0.01	0.04	100.0	2	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	1.81	0.00	0.00	0.01	100.0	5	12
dibenzo_ai_pyrene	pm10	0.02	0.03	0.01	3.71	0.00	0.01	0.09	100.0	1	12
inden_123cd_pyrene	pm10	0.07	0.06	0.05	2.42	0.01	0.05	0.19	100.0	0	12
perylene	pm10	0.07	0.13	0.01	7.47	0.00	0.00	0.26	32.9	3	4

HR0002R Puntijarka
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	aerosol	0.09	0.14	0.04	3.51	0.01	0.04	1.29	96.7	123	353
benzo_a_pyrene	aerosol	0.07	0.09	0.04	3.05	0.01	0.04	0.73	96.7	108	353
benzo_bjk_fluoranthenes	aerosol	0.15	0.19	0.08	3.00	0.03	0.08	1.47	96.7	142	353
benzo_ghi_perylene	aerosol	0.07	0.08	0.04	3.15	0.01	0.03	0.63	96.7	125	353
chrysene	aerosol	0.12	0.16	0.06	3.17	0.01	0.06	1.32	96.7	41	353
inden_123cd_pyrene	aerosol	0.12	0.17	0.05	3.84	0.01	0.06	1.30	96.7	99	353

IS0091R Storhofdi
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
BDE_47	air+aerosol	0.28	0.31	0.18	3.36	0.05	0.14	0.75	21.3	3	5
BDE_99	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
HCB	air+aerosol	2.39	1.43	2.08	1.85	1.00	2.41	4.58	21.3	0	5
PCB_101	air+aerosol	0.50	0.22	0.45	1.61	0.26	0.49	0.75	21.3	2	5
PCB_105	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_118	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_138	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_153	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_156	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_180	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
PCB_28	air+aerosol	0.79	0.64	0.65	1.95	0.35	0.49	1.89	21.3	1	5
PCB_31	air+aerosol	0.80	0.68	0.66	1.96	0.37	0.49	2.01	21.3	1	5
PCB_52	air+aerosol	0.59	0.29	0.51	1.82	0.20	0.56	0.95	21.3	1	5
alpha_HCH	air+aerosol	1.03	0.70	0.82	1.98	0.49	0.52	1.99	21.3	0	5
beta_HCH	air+aerosol	0.51	0.26	0.44	1.73	0.22	0.41	0.82	21.3	1	5
cis_CD	air+aerosol	0.21	0.05	0.21	1.30	0.14	0.22	0.26	21.3	3	5
dieldrin	air+aerosol	0.37	0.29	0.31	2.15	0.14	0.22	0.74	21.3	3	5
gamma_HCH	air+aerosol	0.51	0.22	0.45	1.65	0.22	0.46	0.74	21.3	1	5
op_DDT	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
pp_DDD	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
pp_DDE	air+aerosol	0.16	0.05	0.15	1.37	0.10	0.15	0.22	21.3	3	5
pp_DDT	air+aerosol	0.16	0.07	0.15	1.88	0.05	0.20	0.22	21.3	4	5
trans_CD	air+aerosol	0.13	0.08	0.11	1.95	0.05	0.14	0.22	21.3	5	5
trans_NO	air+aerosol	0.19	0.04	0.20	1.24	0.14	0.21	0.23	21.3	3	5

LV0010R Rucava
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.21	0.26	0.11	3.49	0.02	0.12	1.09	46.3	1	25
benzo_a_pyrene	pm10	0.19	0.23	0.08	5.02	0.00	0.09	0.92	46.3	7	25
benzo_b_fluoranthene	pm10	0.25	0.28	0.12	3.99	0.01	0.14	1.23	46.3	5	25
benzo_k_fluoranthene	pm10	0.14	0.15	0.06	4.42	0.00	0.08	0.60	46.3	8	25
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	2.95	0.01	0.01	0.14	46.3	15	25
inden_123cd_pyrene	pm10	0.26	0.30	0.12	4.15	0.01	0.14	1.22	46.3	8	25

NL0091R De Zilk
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.03	0.05	0.02	2.98	0.01	0.01	0.20	49.6	0	181
benzo_a_pyrene	pm10	0.06	0.08	0.03	3.23	0.00	0.02	0.34	49.6	0	181
benzo_bjk_fluoranthenes	pm10	0.22	0.27	0.12	2.92	0.02	0.10	1.11	49.6	0	181
benzo_ghi_perylene	pm10	0.09	0.11	0.05	2.87	0.01	0.04	0.47	49.6	0	181
chrysene	pm10	0.07	0.09	0.03	2.93	0.01	0.03	0.38	49.6	0	181
dibenzo_ah_anthracene	pm10	0.01	0.02	0.01	2.60	0.00	0.01	0.07	49.6	0	181
indeno_123cd_perylene	pm10	0.09	0.11	0.05	2.90	0.01	0.04	0.45	49.6	0	181

NO0002R Birkenes II
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.11	0.17	0.03	3.07	0.01	0.02	1.18	15.0	2	53
1-methylphenanthrene	air+aerosol	0.04	0.03	0.03	2.45	0.00	0.03	0.12	14.4	1	51
2-methylanthracene	air+aerosol	0.00	0.00	0.00	1.52	0.00	0.00	0.01	9.2	34	34
2-methylnaphthalene	air+aerosol	0.14	0.23	0.04	2.78	0.01	0.03	1.58	15.0	5	53
2-methylphenanthrene	air+aerosol	0.05	0.03	0.04	2.41	0.00	0.04	0.16	15.0	1	53
3-methylphenanthrene	air+aerosol	0.04	0.03	0.03	2.40	0.00	0.04	0.14	15.0	1	53
9-methylphenanthrene	air+aerosol	0.02	0.01	0.01	2.08	0.00	0.01	0.03	15.0	1	53
BDE_100	air+aerosol	0.00	0.00	0.00	1.64	0.00	0.00	0.01	52.6	0	12
BDE_119	air+aerosol	0.00	0.00	0.00	1.57	0.00	0.00	0.00	52.6	6	12
BDE_138	air+aerosol	0.00	0.00	0.00	1.84	0.00	0.00	0.01	52.6	9	12
BDE_153	air+aerosol	0.00	0.00	0.00	1.91	0.00	0.00	0.02	48.3	4	11
BDE_154	air+aerosol	0.01	0.00	0.00	2.08	0.00	0.00	0.01	48.3	3	11
BDE_183	air+aerosol	0.03	0.06	0.02	3.43	0.00	0.02	0.20	52.6	3	12
BDE_196	air+aerosol	0.02	0.01	0.01	2.57	0.00	0.01	0.05	48.3	1	11
BDE_206	air+aerosol	0.42	1.05	0.14	3.02	0.08	0.09	3.74	52.6	6	12
BDE_209	air+aerosol	-	-	-	-	-	-	0.0	0	0	
BDE_28	air+aerosol	0.01	0.00	0.01	1.47	0.00	0.01	0.01	52.6	0	12
BDE_47	air+aerosol	0.04	0.01	0.04	1.45	0.02	0.03	0.06	52.6	0	12
BDE_49	air+aerosol	0.01	0.00	0.01	1.72	0.00	0.01	0.01	43.9	0	10
BDE_66	air+aerosol	0.01	0.01	0.00	2.24	0.00	0.00	0.04	52.6	1	12
BDE_71	air+aerosol	0.00	0.00	0.00	1.48	0.00	0.00	0.00	52.6	9	12
BDE_77	air+aerosol	0.00	0.00	0.00	1.45	0.00	0.00	0.00	52.6	9	12
BDE_85	air+aerosol	0.00	0.00	0.00	1.46	0.00	0.00	0.00	52.6	9	12
BDE_99	air+aerosol	0.02	0.01	0.01	1.52	0.01	0.01	0.04	52.6	0	12
FTS_6-2	air+aerosol	0.08	0.09	0.06	2.02	0.02	0.05	0.34	50.7	3	12
HCB	air+aerosol	40.95	11.85	39.13	1.37	17.30	40.50	61.70	14.0	0	51
PCB_101	air+aerosol	0.47	0.29	0.39	1.85	0.11	0.39	1.56	14.0	0	51
PCB_105	air+aerosol	0.03	0.02	0.03	1.93	0.01	0.03	0.11	13.7	0	50
PCB_114	air+aerosol	0.00	0.00	0.00	1.46	0.00	0.00	0.01	13.7	38	50
PCB_118	air+aerosol	0.12	0.08	0.10	1.91	0.03	0.10	0.38	14.0	0	51
PCB_122	air+aerosol	0.00	0.00	0.00	1.78	0.00	0.00	0.02	12.6	25	46
PCB_123	air+aerosol	0.00	0.00	0.00	1.78	0.00	0.00	0.02	12.6	25	46
PCB_128	air+aerosol	0.02	0.02	0.02	2.16	0.00	0.02	0.11	13.1	2	48
PCB_138	air+aerosol	0.17	0.12	0.13	2.02	0.03	0.14	0.71	14.0	0	51
PCB_141	air+aerosol	0.05	0.04	0.04	2.12	0.01	0.04	0.25	13.7	0	50
PCB_149	air+aerosol	0.31	0.23	0.25	1.97	0.06	0.23	1.43	14.0	0	51
PCB_153	air+aerosol	0.30	0.22	0.24	2.03	0.05	0.24	1.15	14.0	0	51
PCB_156	air+aerosol	0.01	0.01	0.01	2.10	0.00	0.01	0.04	12.6	3	46
PCB_157	air+aerosol	0.00	0.00	0.00	1.44	0.00	0.00	0.01	14.0	34	51
PCB_167	air+aerosol	0.00	0.00	0.00	1.96	0.00	0.00	0.02	13.1	12	48
PCB_170	air+aerosol	0.02	0.01	0.01	2.01	0.00	0.01	0.08	13.4	3	49
PCB_18	air+aerosol	1.17	0.89	0.95	1.89	0.30	0.81	4.92	14.0	0	51
PCB_180	air+aerosol	0.05	0.04	0.04	2.08	0.01	0.04	0.25	14.0	1	51
PCB_183	air+aerosol	0.02	0.02	0.02	1.97	0.01	0.02	0.12	13.4	0	49
PCB_187	air+aerosol	0.06	0.05	0.05	1.97	0.01	0.05	0.31	14.0	0	51
PCB_189	air+aerosol	0.00	0.00	0.00	1.29	0.00	0.00	0.01	13.7	44	50
PCB_194	air+aerosol	0.00	0.00	0.00	1.82	0.00	0.00	0.02	13.1	23	48
PCB_206	air+aerosol	0.00	0.00	0.00	1.28	0.00	0.00	0.01	13.7	46	50
PCB_209	air+aerosol	0.00	0.00	0.00	1.66	0.00	0.00	0.01	13.1	28	48
PCB_28	air+aerosol	0.71	0.54	0.59	1.82	0.18	0.56	2.88	14.0	0	51
PCB_31	air+aerosol	0.65	0.45	0.54	1.80	0.18	0.52	2.44	14.0	0	51
PCB_33	air+aerosol	0.36	0.25	0.29	1.84	0.09	0.29	1.36	14.0	0	51
PCB_37	air+aerosol	0.06	0.04	0.05	1.92	0.01	0.05	0.22	13.7	0	50
PCB_47	air+aerosol	0.66	0.42	0.56	1.80	0.15	0.53	2.52	14.0	0	51
PCB_52	air+aerosol	0.83	0.49	0.71	1.77	0.24	0.70	2.23	14.0	0	51
PCB_66	air+aerosol	0.17	0.12	0.14	1.90	0.04	0.14	0.56	14.0	0	51
PCB_74	air+aerosol	0.14	0.09	0.11	1.86	0.03	0.12	0.55	14.0	0	51
PCB_99	air+aerosol	0.16	0.09	0.13	1.78	0.04	0.14	0.45	14.0	0	51
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	50.7	12	12
PFHpA	air+aerosol	0.10	0.05	0.08	1.73	0.05	0.08	0.20	50.7	5	12
PFHxA	air+aerosol	0.12	0.09	0.10	1.96	0.05	0.08	0.29	46.3	3	11
PFHxS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	50.7	12	12
PFNA	air+aerosol	0.10	0.03	0.09	1.35	0.07	0.08	0.14	50.7	6	12
PFOA	air+aerosol	0.14	0.07	0.12	1.72	0.05	0.13	0.28	50.7	1	12
TBA	air+aerosol	4.04	1.70	3.75	1.47	2.42	3.38	7.38	52.6	0	12
a_HBCD	air+aerosol	0.10	0.05	0.08	2.43	0.01	0.12	0.13	48.3	8	11
acenaphthene	air+aerosol	0.08	0.12	0.05	2.80	0.00	0.05	0.76	15.0	3	53
acenaphthylene	air+aerosol	0.04	0.10	0.01	4.58	0.00	0.01	0.60	13.6	8	48
alpha_HCH	air+aerosol	3.76	2.11	3.35	1.63	1.66	3.27	9.48	3.6	0	13
anthanthrene	air+aerosol	0.00	0.00	0.00	1.95	0.00	0.00	0.01	15.0	39	53
anthracene	air+aerosol	0.03	0.10	0.01	3.84	0.00	0.01	0.70	13.0	5	46
b_HBCD	air+aerosol	0.04	0.03	0.02	3.79	0.00	0.05	0.09	48.3	10	11
benz_a_anthracene	air+aerosol	0.01	0.01	0.01	3.35	0.00	0.01	0.07	15.0	8	53
benzo_a_fluoranthene	air+aerosol	0.00	0.00	0.00	2.16	0.00	0.00	0.02	15.0	30	53
benzo_a_fluorene	air+aerosol	0.01	0.01	0.01	2.60	0.00	0.01	0.03	15.0	5	53
benzo_a_pyrene	air+aerosol	0.01	0.02	0.00	3.33	0.00	0.00	0.11	15.0	6	53
benzo_b_fluoranthene	air+aerosol	0.04	0.05	0.02	3.90	0.00	0.02	0.24	15.0	2	53
benzo_b_fluorene	air+aerosol	0.00	0.00	0.00	2.40	0.00	0.00	0.02	14.7	7	52
benzo_e_pyrene	air+aerosol	0.03	0.03	0.01	3.78	0.00	0.01	0.15	15.0	4	53

NO0002R Birkenes II (cont.)
January 2019 - December 2019

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_perylene	air+aerosol	0.03	0.03	0.01	3.37	0.00	0.01	0.11	15.0	1	53
benzo_k_fluoranthene	air+aerosol	0.01	0.02	0.01	3.22	0.00	0.01	0.09	15.0	7	53
biphenyl	air+aerosol	0.32	0.50	0.08	3.60	0.01	0.08	3.46	15.0	2	53
chrysene	air+aerosol	0.04	0.05	0.02	3.72	0.00	0.02	0.27	15.0	2	53
coronene	air+aerosol	0.01	0.02	0.01	2.71	0.00	0.01	0.10	15.0	17	53
cyclopenta_cd_pyrene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.5	9	9
dibenzo_ae_pyrene	air+aerosol	0.01	0.01	0.00	1.92	0.00	0.00	0.03	15.0	32	53
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	2.25	0.00	0.00	0.02	15.0	26	53
dibenzo_ah_pyrene	air+aerosol	0.00	0.00	0.00	1.53	0.00	0.00	0.02	15.0	53	53
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.52	0.00	0.00	0.02	15.0	52	53
dibenzofuran	air+aerosol	0.52	0.52	0.31	3.53	0.00	0.37	2.29	15.0	2	53
dibenzothiophene	air+aerosol	0.02	0.02	0.02	3.07	0.00	0.02	0.09	14.4	2	51
fluoranthene	air+aerosol	0.18	0.13	0.14	2.49	0.00	0.15	0.56	15.0	1	53
fluorene	air+aerosol	0.41	0.40	0.20	5.54	0.00	0.27	1.76	15.0	6	53
g_HBCD	air+aerosol	0.15	0.16	0.06	7.63	0.00	0.15	0.57	48.3	10	11
gamma_HCH	air+aerosol	2.35	1.48	2.01	1.76	1.03	1.76	5.76	3.6	0	13
inden_123cd_pyrene	air+aerosol	0.02	0.02	0.01	3.27	0.00	0.01	0.12	14.7	2	52
naphthalene	air+aerosol	0.27	0.41	0.07	2.91	0.03	0.06	2.77	15.0	22	53
op_DDD	air+aerosol	0.03	0.02	0.03	1.71	0.01	0.02	0.06	3.6	0	13
op_DDE	air+aerosol	0.11	0.12	0.07	2.59	0.02	0.06	0.45	3.6	0	13
op_DDT	air+aerosol	0.36	0.37	0.23	2.61	0.09	0.15	1.03	3.6	0	13
perylene	air+aerosol	0.00	0.00	0.00	1.96	0.00	0.00	0.01	15.0	33	53
phenanthrene	air+aerosol	0.74	0.45	0.56	2.64	0.01	0.72	1.97	15.0	1	53
pp_DDD	air+aerosol	0.02	0.02	0.02	2.24	0.01	0.01	0.05	3.3	6	12
pp_DDE	air+aerosol	2.08	3.00	1.12	2.89	0.30	0.85	10.90	3.6	0	13
pp_DDT	air+aerosol	0.39	0.36	0.26	2.43	0.10	0.22	0.97	3.6	0	13
pyrene	air+aerosol	0.09	0.08	0.07	2.62	0.00	0.07	0.40	13.9	1	49
retene	air+aerosol	0.04	0.04	0.03	2.47	0.00	0.04	0.23	14.7	1	52
sum_DDT	air+aerosol	2.99	3.71	1.78	2.69	0.56	1.14	13.37	3.6	0	13
sum_PCB	air+aerosol	10.23	6.43	8.64	1.80	2.60	8.75	30.81	14.0	0	51
sum_heptachlor_PCB	air+aerosol	0.22	0.19	0.16	2.15	0.02	0.17	1.19	14.0	0	51
sum_hexachlor_PCB	air+aerosol	1.27	0.98	1.00	2.02	0.20	0.98	5.90	14.0	0	51
sum_pentachlor_PCB	air+aerosol	1.31	0.85	1.08	1.87	0.30	1.09	4.55	14.0	0	51
sum_tetrachlor_PCB	air+aerosol	3.28	1.94	2.80	1.77	0.83	3.03	9.76	14.0	0	51
sum_trichlor_PCB	air+aerosol	4.15	3.10	3.41	1.84	1.07	3.31	17.70	14.0	0	51

NO0042G Zeppelin mountain (Ny-Ålesund)
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.06	0.07	0.03	2.88	0.00	0.03	0.37	27.8	1	49
1-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.61	0.00	0.00	0.01	26.8	17	47
2-methylanthracene	air+aerosol	0.00	0.00	0.00	1.01	0.00	0.00	0.00	16.0	28	28
2-methylnaphthalene	air+aerosol	0.07	0.09	0.05	2.54	0.01	0.04	0.46	27.3	0	48
2-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.88	0.00	0.00	0.02	27.8	4	49
3-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.82	0.00	0.00	0.01	27.2	11	48
9-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.51	0.00	0.00	0.01	27.8	24	49
BDE_100	air+aerosol	0.01	0.01	0.01	1.96	0.00	0.01	0.05	37.3	0	46
BDE_119	air+aerosol	0.00	0.00	0.00	2.55	0.00	0.00	0.02	37.3	36	46
BDE_138	air+aerosol	0.00	0.01	0.00	1.80	0.00	0.00	0.03	37.3	41	46
BDE_153	air+aerosol	0.01	0.01	0.00	1.90	0.00	0.00	0.03	33.8	28	42
BDE_154	air+aerosol	0.00	0.01	0.00	2.01	0.00	0.00	0.03	35.0	25	43
BDE_183	air+aerosol	0.01	0.01	0.00	1.96	0.00	0.00	0.03	34.0	29	42
BDE_196	air+aerosol	0.01	0.01	0.01	1.95	0.00	0.01	0.06	36.5	38	45
BDE_206	air+aerosol	0.48	0.73	0.26	2.83	0.08	0.22	3.95	36.5	16	45
BDE_209	air+aerosol	-	-	-	-	-	-	-	0.0	0	0
BDE_28	air+aerosol	0.01	0.01	0.01	1.65	0.00	0.01	0.03	36.5	1	45
BDE_47	air+aerosol	0.13	0.15	0.11	1.82	0.04	0.11	1.00	37.3	0	46
BDE_49	air+aerosol	0.01	0.03	0.01	2.77	0.00	0.01	0.14	33.3	2	41
BDE_66	air+aerosol	0.01	0.03	0.00	2.49	0.00	0.00	0.14	32.7	15	41
BDE_71	air+aerosol	0.01	0.03	0.00	3.68	0.00	0.00	0.13	36.2	35	45
BDE_77	air+aerosol	0.00	0.00	0.00	2.01	0.00	0.00	0.01	36.5	39	45
BDE_85	air+aerosol	0.00	0.00	0.00	2.00	0.00	0.00	0.01	35.5	38	44
BDE_99	air+aerosol	0.03	0.02	0.02	1.93	0.01	0.02	0.08	36.5	1	45
FTS_6-2	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	45.5	10	10
HCB	air+aerosol	63.39	8.87	63.09	1.16	32.30	64.05	80.30	28.9	0	52
PCB_101	air+aerosol	0.21	0.09	0.19	1.96	0.01	0.20	0.46	28.4	2	51
PCB_105	air+aerosol	0.02	0.02	0.02	2.25	0.00	0.02	0.08	28.9	3	52
PCB_114	air+aerosol	0.00	0.00	0.00	1.75	0.00	0.00	0.01	28.0	30	50
PCB_118	air+aerosol	0.07	0.05	0.06	2.16	0.01	0.06	0.22	28.4	3	51
PCB_122	air+aerosol	0.00	0.00	0.00	1.77	0.00	0.00	0.01	27.3	31	49
PCB_123	air+aerosol	0.00	0.00	0.00	1.77	0.00	0.00	0.01	27.2	29	49
PCB_128	air+aerosol	0.01	0.01	0.01	2.24	0.00	0.01	0.05	26.8	6	48
PCB_138	air+aerosol	0.06	0.04	0.05	2.06	0.01	0.05	0.20	28.9	3	52
PCB_141	air+aerosol	0.01	0.01	0.01	1.99	0.00	0.01	0.04	27.9	7	50
PCB_149	air+aerosol	0.10	0.04	0.09	1.71	0.01	0.10	0.21	28.9	1	52
PCB_153	air+aerosol	0.09	0.05	0.08	1.97	0.01	0.09	0.28	28.9	2	52
PCB_156	air+aerosol	0.00	0.00	0.00	2.32	0.00	0.00	0.03	27.3	15	49
PCB_157	air+aerosol	0.00	0.00	0.00	1.53	0.00	0.00	0.01	28.4	44	51
PCB_167	air+aerosol	0.00	0.00	0.00	1.82	0.00	0.00	0.01	28.9	28	52
PCB_170	air+aerosol	0.00	0.00	0.00	1.80	0.00	0.00	0.02	27.3	18	50
PCB_18	air+aerosol	0.86	0.41	0.78	1.63	0.24	0.83	1.81	28.9	0	52
PCB_180	air+aerosol	0.01	0.01	0.01	1.80	0.00	0.01	0.04	26.8	5	48
PCB_183	air+aerosol	0.01	0.00	0.00	1.88	0.00	0.01	0.02	27.3	7	49
PCB_187	air+aerosol	0.02	0.01	0.01	1.86	0.00	0.02	0.03	27.3	3	50
PCB_189	air+aerosol	0.00	0.00	0.00	1.45	0.00	0.00	0.00	28.9	49	52
PCB_194	air+aerosol	0.00	0.00	0.00	1.55	0.00	0.00	0.01	27.3	44	49
PCB_206	air+aerosol	0.00	0.00	0.00	1.59	0.00	0.00	0.01	28.9	51	52
PCB_209	air+aerosol	0.00	0.00	0.00	1.96	0.00	0.00	0.01	27.9	18	50
PCB_28	air+aerosol	0.81	0.31	0.76	1.40	0.39	0.71	2.17	28.9	0	52
PCB_31	air+aerosol	0.71	0.29	0.67	1.42	0.33	0.66	2.01	28.9	0	52
PCB_33	air+aerosol	0.52	0.24	0.47	1.52	0.15	0.47	1.59	28.9	0	52
PCB_37	air+aerosol	0.12	0.07	0.10	2.06	0.00	0.10	0.38	28.9	1	52
PCB_47	air+aerosol	0.22	0.08	0.20	1.76	0.02	0.22	0.43	28.9	2	52
PCB_52	air+aerosol	0.44	0.15	0.42	1.42	0.18	0.43	0.80	28.9	0	52
PCB_66	air+aerosol	0.13	0.05	0.12	2.06	0.01	0.13	0.30	28.9	2	52
PCB_74	air+aerosol	0.10	0.04	0.08	2.19	0.00	0.10	0.20	28.9	3	52
PCB_99	air+aerosol	0.08	0.04	0.07	2.35	0.00	0.08	0.21	28.4	3	51
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	49.9	11	11
PFHpA	air+aerosol	0.10	0.06	0.08	1.75	0.05	0.09	0.26	49.9	5	11
PFHxA	air+aerosol	0.10	0.11	0.08	2.03	0.05	0.05	0.43	49.9	7	11
PFHxS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	49.9	11	11
PFNA	air+aerosol	0.08	0.03	0.08	1.37	0.05	0.07	0.16	49.9	7	11
PFOA	air+aerosol	0.14	0.12	0.11	2.06	0.05	0.08	0.41	49.9	1	11
TBA	air+aerosol	9.77	9.72	6.00	3.16	0.06	6.39	39.90	37.3	0	46

NO0042G Zeppelin mountain (Ny-Ålesund) (cont.)
January 2019 - December 2019

a_HBCD	air+aerosol	0.12	0.23	0.06	2.99	0.01	0.06	1.14	18.6	0	24
acenaphthene	air+aerosol	0.01	0.01	0.00	2.22	0.00	0.00	0.03	27.8	23	49
acenaphthylene	air+aerosol	0.00	0.00	0.00	1.77	0.00	0.00	0.03	27.3	31	48
alpha_HCH	air+aerosol	2.98	0.86	2.88	1.33	1.32	2.80	5.34	29.4	0	53
anthanthrene	air+aerosol	0.00	0.00	0.00	1.25	0.00	0.00	0.00	27.8	47	49
anthracene	air+aerosol	0.00	0.00	0.00	1.77	0.00	0.00	0.01	27.3	41	48
b_HBCD	air+aerosol	0.02	0.04	0.01	3.05	0.00	0.01	0.22	19.7	8	25
benz_a_anthracene	air+aerosol	0.00	0.01	0.00	2.10	0.00	0.00	0.03	27.8	38	49
benzo_a_fluoranthene	air+aerosol	0.00	0.00	0.00	1.42	0.00	0.00	0.01	27.8	46	49
benzo_a_fluorene	air+aerosol	0.00	0.00	0.00	1.67	0.00	0.00	0.01	27.8	41	49
benzo_a_pyrene	air+aerosol	0.00	0.01	0.00	2.07	0.00	0.00	0.04	27.8	39	49
benzo_b_fluoranthene	air+aerosol	0.00	0.01	0.00	2.99	0.00	0.00	0.08	27.8	33	49
benzo_b_fluorene	air+aerosol	0.00	0.00	0.00	1.41	0.00	0.00	0.01	27.8	43	49
benzo_e_pyrene	air+aerosol	0.00	0.01	0.00	2.46	0.00	0.00	0.04	27.8	34	49
benzo_ghi_fluoranthene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	19.5	34	34
benzo_ghi_perylene	air+aerosol	0.00	0.01	0.00	2.47	0.00	0.00	0.04	27.8	33	49
benzo_k_fluoranthene	air+aerosol	0.00	0.01	0.00	2.15	0.00	0.00	0.03	27.8	36	49
biphenyl	air+aerosol	0.28	0.37	0.09	5.14	0.01	0.06	1.51	27.3	1	48
chrysene	air+aerosol	0.00	0.01	0.00	2.93	0.00	0.00	0.07	27.8	32	49
cis_CD	air+aerosol	0.26	0.05	0.25	1.24	0.14	0.26	0.41	29.4	0	53
cis_NO	air+aerosol	0.03	0.01	0.02	1.79	0.01	0.03	0.06	29.4	6	53
coronene	air+aerosol	0.00	0.00	0.00	1.94	0.00	0.00	0.02	27.8	37	49
cyclopenta_cd_pyrene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.6	40	40
dibenzo_ae_pyrene	air+aerosol	0.00	0.00	0.00	1.57	0.00	0.00	0.01	27.8	45	49
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	1.41	0.00	0.00	0.01	27.8	45	49
dibenzo_ah_pyrene	air+aerosol	0.00	0.00	0.00	1.42	0.00	0.00	0.01	27.8	49	49
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.45	0.00	0.00	0.01	27.8	49	49
dibenzofuran	air+aerosol	0.35	0.42	0.14	4.45	0.01	0.11	1.53	27.8	0	49
dibenzothiophene	air+aerosol	0.00	0.00	0.00	2.31	0.00	0.00	0.02	27.8	21	49
fluoranthene	air+aerosol	0.02	0.04	0.01	3.52	0.00	0.00	0.23	27.8	21	49
fluorene	air+aerosol	0.14	0.21	0.05	4.75	0.00	0.03	0.85	27.8	0	49
g_HBCD	air+aerosol	0.02	0.02	0.02	1.72	0.01	0.01	0.13	19.7	21	25
gamma_HCH	air+aerosol	0.41	0.18	0.39	1.44	0.20	0.40	1.30	29.4	0	53
inden_123cd_pyrene	air+aerosol	0.00	0.01	0.00	2.43	0.00	0.00	0.05	27.8	35	49
naphthalene	air+aerosol	0.27	0.32	0.15	2.92	0.02	0.13	1.42	27.8	0	49
op_DDD	air+aerosol	0.01	0.00	0.01	1.56	0.00	0.01	0.02	28.3	23	51
op_DDE	air+aerosol	0.03	0.03	0.02	2.67	0.00	0.03	0.10	29.4	8	53
op_DDT	air+aerosol	0.06	0.04	0.04	2.26	0.01	0.06	0.17	28.3	1	51
perylene	air+aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.00	27.8	48	49
phenanthrene	air+aerosol	0.03	0.06	0.02	2.65	0.01	0.01	0.35	27.8	4	49
pp_DDD	air+aerosol	0.00	0.00	0.00	1.21	0.00	0.01	0.01	27.8	44	50
pp_DDE	air+aerosol	0.22	0.22	0.12	3.34	0.02	0.17	0.82	29.4	0	53
pp_DDT	air+aerosol	0.03	0.02	0.02	2.23	0.01	0.03	0.09	27.2	9	49
pyrene	air+aerosol	0.01	0.01	0.00	2.63	0.00	0.00	0.04	26.7	26	47
retene	air+aerosol	0.00	0.00	0.00	1.52	0.00	0.00	0.02	27.8	38	49
sum_DDT	air+aerosol	0.35	0.30	0.23	2.69	0.04	0.33	1.16	29.4	0	53
sum_PCB	air+aerosol	7.28	2.48	6.97	1.37	3.34	6.77	15.46	28.9	0	52
sum_heptachlor_PCB	air+aerosol	0.04	0.03	0.04	1.81	0.01	0.04	0.13	27.4	0	49
sum_hexachlor_PCB	air+aerosol	0.40	0.19	0.37	1.57	0.16	0.35	0.98	28.9	0	52
sum_pentachlor_PCB	air+aerosol	0.67	0.34	0.61	1.66	0.13	0.64	1.62	28.9	0	52
sum_tetrachlor_PCB	air+aerosol	1.98	0.62	1.91	1.36	0.88	1.88	3.70	28.9	0	52
sum_trichlor_PCB	air+aerosol	4.17	1.50	3.98	1.38	1.97	3.85	10.20	28.9	0	52
trans_CD	air+aerosol	0.08	0.05	0.07	1.77	0.03	0.07	0.20	29.4	0	53
trans_NO	air+aerosol	0.23	0.05	0.22	1.27	0.12	0.23	0.41	29.4	0	53

NO0059G Trollhaugen
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+aerosol	30.26	9.84	29.19	1.23	20.40	29.20	95.00	96.1	0	52
PCB_101	air+aerosol	0.02	0.04	0.01	2.30	0.00	0.01	0.19	96.1	1	52
PCB_105	air+aerosol	0.00	0.00	0.00	1.67	0.00	0.00	0.01	96.1	32	52
PCB_114	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.00	96.1	52	52
PCB_118	air+aerosol	0.00	0.01	0.00	1.95	0.00	0.00	0.03	96.1	11	52
PCB_122	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.00	96.1	52	52
PCB_123	air+aerosol	0.00	0.00	0.00	1.11	0.00	0.00	0.00	96.1	52	52
PCB_128	air+aerosol	0.00	0.00	0.00	1.34	0.00	0.00	0.00	96.1	45	52
PCB_138	air+aerosol	0.00	0.01	0.00	1.67	0.00	0.00	0.03	96.1	38	52
PCB_141	air+aerosol	0.00	0.00	0.00	1.78	0.00	0.00	0.01	96.1	32	52
PCB_149	air+aerosol	0.01	0.02	0.01	2.33	0.00	0.00	0.11	96.1	8	52
PCB_153	air+aerosol	0.01	0.01	0.00	1.93	0.00	0.00	0.05	96.1	22	52
PCB_156	air+aerosol	0.00	0.00	0.00	1.12	0.00	0.00	0.00	96.1	50	52
PCB_157	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.00	96.1	52	52
PCB_167	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.00	96.1	52	52
PCB_170	air+aerosol	0.00	0.00	0.00	1.24	0.00	0.00	0.00	96.1	49	52
PCB_18	air+aerosol	0.03	0.02	0.03	1.49	0.01	0.02	0.14	94.2	0	51
PCB_180	air+aerosol	0.00	0.00	0.00	1.39	0.00	0.00	0.01	96.1	43	52
PCB_183	air+aerosol	0.00	0.00	0.00	1.30	0.00	0.00	0.00	96.1	47	52
PCB_187	air+aerosol	0.00	0.00	0.00	1.60	0.00	0.00	0.01	96.1	30	52
PCB_189	air+aerosol	0.00	0.00	0.00	1.10	0.00	0.00	0.00	96.1	52	52
PCB_194	air+aerosol	0.00	0.00	0.00	1.14	0.00	0.00	0.00	94.8	51	51
PCB_206	air+aerosol	0.00	0.00	0.00	1.23	0.00	0.00	0.00	96.1	51	52
PCB_209	air+aerosol	0.00	0.00	0.00	1.12	0.00	0.00	0.00	96.1	51	52
PCB_28	air+aerosol	0.02	0.01	0.01	1.59	0.01	0.01	0.09	96.1	0	52
PCB_31	air+aerosol	0.02	0.01	0.01	1.62	0.01	0.01	0.09	96.1	1	52
PCB_33	air+aerosol	0.01	0.01	0.01	1.73	0.00	0.01	0.07	96.1	1	52
PCB_37	air+aerosol	0.00	0.00	0.00	1.98	0.00	0.00	0.03	96.1	15	52
PCB_47	air+aerosol	0.12	0.14	0.09	2.19	0.03	0.07	0.76	96.1	0	52
PCB_52	air+aerosol	0.03	0.04	0.02	1.83	0.01	0.02	0.20	96.1	0	52
PCB_66	air+aerosol	0.00	0.01	0.00	1.99	0.00	0.00	0.06	96.1	4	52
PCB_74	air+aerosol	0.00	0.01	0.00	1.96	0.00	0.00	0.04	94.8	4	51
PCB_99	air+aerosol	0.00	0.01	0.00	1.94	0.00	0.00	0.03	96.1	16	52
alpha_HCH	air+aerosol	0.09	0.02	0.09	1.24	0.06	0.09	0.16	89.9	0	48
cis_CD	air+aerosol	0.02	0.01	0.02	1.49	0.01	0.02	0.04	90.4	0	48
cis_NO	air+aerosol	0.00	0.00	0.00	1.14	0.00	0.00	0.00	90.4	46	48
gamma_HCH	air+aerosol	0.02	0.01	0.02	1.32	0.01	0.02	0.05	89.9	0	48
op_DDD	air+aerosol	0.00	0.00	0.00	1.08	0.00	0.00	0.00	89.9	48	48
op_DDE	air+aerosol	0.00	0.00	0.00	1.70	0.00	0.00	0.01	89.9	21	48
op_DDT	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.01	85.5	35	46
pp_DDD	air+aerosol	0.00	0.00	0.00	1.09	0.00	0.00	0.00	89.9	47	48
pp_DDE	air+aerosol	0.02	0.02	0.01	2.24	0.00	0.01	0.08	89.9	3	48
pp_DDT	air+aerosol	0.00	0.00	0.00	1.19	0.00	0.00	0.01	88.0	45	47
sum_DDT	air+aerosol	0.03	0.02	0.02	1.76	0.01	0.02	0.11	89.9	0	48
sum_PCB	air+aerosol	0.40	0.52	0.33	1.81	0.18	0.29	2.82	96.1	0	52

NO0059G Trollhaugen (cont.)
January 2019 - December 2019

sum_heptachlor_PCB	air+aerosol	0.00	0.01	0.00	1.91	0.00	0.00	0.02	46.1	0	25
sum_hexachlor_PCB	air+aerosol	0.05	0.10	0.03	2.81	0.01	0.02	0.35	42.8	0	23
sum_pentachlor_PCB	air+aerosol	0.04	0.09	0.03	2.32	0.01	0.02	0.40	88.8	0	48
sum_tetrachlor_PCB	air+aerosol	0.23	0.28	0.19	1.88	0.08	0.16	1.57	96.1	0	52
sum_trichlor_PCB	air+aerosol	0.10	0.09	0.09	1.64	0.04	0.09	0.60	96.1	0	52
trans_CD	air+aerosol	0.01	0.00	0.01	1.74	0.00	0.01	0.02	90.4	4	48
trans_NO	air+aerosol	0.01	0.00	0.01	1.52	0.00	0.01	0.02	90.4	0	48

NO0090R Andøya
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
FTS_6-2	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	48.8	12	12
HCB	air+aerosol	30.29	10.38	28.43	1.47	14.80	30.20	44.20	7.1	0	13
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	48.8	12	12
PFHpA	air+aerosol	0.09	0.05	0.08	1.65	0.05	0.07	0.21	48.8	3	12
PFHxA	air+aerosol	0.08	0.06	0.07	1.74	0.05	0.05	0.21	48.8	8	12
PFHxS	air+aerosol	0.02	0.00	0.02	1.18	0.02	0.02	0.04	48.8	10	12
PFNA	air+aerosol	0.08	0.02	0.07	1.23	0.05	0.07	0.12	48.8	8	12
PFOA	air+aerosol	0.12	0.04	0.11	1.45	0.06	0.11	0.20	48.8	0	12

PL0005R Diabla Gora
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.45	0.70	0.11	7.74	0.00	0.22	3.54	85.8	0	53
benzo_a_pyrene	pm10	0.55	0.73	0.21	4.91	0.02	0.26	3.47	85.8	0	53
benzo_b_fluoranthene	pm10	0.71	0.90	0.29	4.41	0.03	0.41	4.29	85.8	0	53
benzo_k_fluoranthene	pm10	0.28	0.37	0.11	4.73	0.01	0.15	1.77	85.8	0	53
dibenzo_ah_anthracene	pm10	0.08	0.11	0.03	4.66	0.00	0.04	0.47	85.8	0	53
inden_123cd_pyrene	pm10	0.52	0.64	0.24	3.84	0.03	0.27	3.07	85.8	0	53

PL0009R Zielonka
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.52	0.77	0.15	6.57	0.01	0.18	3.29	84.1	0	52
benzo_a_pyrene	pm10	0.55	0.74	0.18	6.01	0.00	0.23	2.98	84.1	0	52
benzo_b_fluoranthene	pm10	0.63	0.85	0.23	5.10	0.01	0.26	3.64	84.1	0	52
benzo_k_fluoranthene	pm10	0.33	0.44	0.12	5.09	0.01	0.14	1.77	84.1	0	52
dibenzo_ah_anthracene	pm10	0.03	0.03	0.01	3.55	0.00	0.01	0.16	84.1	0	52
inden_123cd_pyrene	pm10	0.54	0.78	0.19	4.98	0.01	0.21	3.42	84.1	0	52

SE0014R Råö
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678_HpCDD	air+aerosol	0.08	0.07	0.06	2.44	0.03	0.05	0.18	30.7	0	4
1234678_HpCDF	air+aerosol	0.04	0.02	0.03	1.71	0.02	0.03	0.07	30.7	0	4
1234789_HpCDF	air+aerosol	0.01	0.00	0.00	1.59	0.00	0.00	0.01	30.7	0	4
123478_HxCDD	air+aerosol	0.04	0.04	0.04	2.10	0.02	0.03	0.10	30.7	0	4
123478_HxCDF	air+aerosol	0.11	0.07	0.10	1.69	0.06	0.09	0.21	30.7	0	4
123678_HxCDD	air+aerosol	0.09	0.07	0.07	2.09	0.04	0.06	0.19	30.7	0	4
123678_HxCDF	air+aerosol	0.10	0.06	0.08	1.79	0.05	0.07	0.19	30.7	0	4
123789_HxCDD	air+aerosol	0.07	0.06	0.05	2.44	0.02	0.05	0.15	30.7	0	4
123789_HxCDF	air+aerosol	0.06	0.02	0.06	1.37	0.04	0.06	0.09	30.7	0	4
12378_PeCDD	air+aerosol	0.51	0.36	0.42	2.04	0.20	0.41	1.00	30.7	1	4
12378_PeCDF	air+aerosol	0.03	0.01	0.03	1.62	0.02	0.03	0.04	30.7	0	4
234678_HxCDF	air+aerosol	0.13	0.08	0.11	1.76	0.07	0.09	0.25	30.7	0	4
23478_PeCDF	air+aerosol	0.47	0.21	0.44	1.56	0.27	0.43	0.75	30.7	0	4
2378_TCDD	air+aerosol	0.23	0.05	0.23	1.22	0.19	0.23	0.28	30.7	1	4
2378_TCDF	air+aerosol	0.14	0.07	0.12	1.67	0.07	0.13	0.22	30.7	0	4
BDE_100	air+aerosol	0.03	0.00	0.03	1.08	0.03	0.03	0.04	99.5	11	12
BDE_153	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	99.5	12	12
BDE_154	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	99.5	12	12
BDE_47	air+aerosol	0.05	0.02	0.04	1.44	0.03	0.04	0.10	99.5	3	12
BDE_85	air+aerosol	0.04	0.00	0.04	1.03	0.04	0.04	0.04	99.5	11	12
BDE_99	air+aerosol	0.04	0.01	0.04	1.28	0.03	0.05	0.06	99.5	8	12
FTS_6-2	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
HCB	air+aerosol	25.00	0.00	25.00	1.00	25.00	25.00	25.00	99.5	0	12
OCDD	air+aerosol	0.01	0.01	0.00	2.45	0.00	0.00	0.01	30.7	0	4
OCDF	air+aerosol	0.00	0.00	0.00	1.49	0.00	0.00	0.00	30.7	0	4
PCB_101	air+aerosol	0.45	0.51	0.24	3.56	0.03	0.30	1.76	99.5	1	12
PCB_118	air+aerosol	0.16	0.17	0.11	2.68	0.03	0.09	0.57	99.5	1	12
PCB_138	air+aerosol	0.32	0.31	0.23	2.37	0.05	0.23	1.11	99.5	0	12
PCB_153	air+aerosol	0.34	0.36	0.21	2.94	0.03	0.22	1.23	99.5	0	12
PCB_180	air+aerosol	0.11	0.08	0.09	1.92	0.04	0.08	0.32	99.5	1	12
PCB_28	air+aerosol	0.42	0.45	0.16	5.22	0.03	0.30	1.19	99.5	3	12
PCB_52	air+aerosol	0.51	0.59	0.24	4.16	0.04	0.32	1.96	99.5	1	12
PFBA	air+aerosol	3.41	2.08	2.98	1.68	1.53	2.87	9.05	99.5	0	12
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
PFDcA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
PFDcS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
PFHpA	air+aerosol	0.13	0.05	0.13	1.48	0.05	0.13	0.21	99.5	1	12
PFHxA	air+aerosol	0.28	0.15	0.24	1.89	0.05	0.27	0.61	99.5	1	12
PFHxS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
PFNA	air+aerosol	0.20	0.16	0.15	2.42	0.05	0.19	0.59	99.5	4	12
PFOA	air+aerosol	0.57	0.26	0.52	1.71	0.15	0.51	1.00	99.5	0	12
PFOS	air+aerosol	0.47	0.25	0.41	1.89	0.14	0.47	0.82	99.5	0	12
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
PFUnA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	12	12
aldrin	air+aerosol	0.30	0.00	0.30	1.00	0.30	0.30	0.30	99.5	12	12
alpha_HCH	air+aerosol	3.10	1.38	2.83	1.51	1.57	2.85	6.57	99.5	0	12
alpha_endosulfan	air+aerosol	0.40	0.19	0.36	1.60	0.15	0.36	0.85	99.5	0	12
anthracene	air+aerosol	0.01	0.01	0.01	2.79	0.00	0.01	0.04	99.5	0	12

SE0014R Råö (cont.)
January 2019 - December 2019

benz_a_anthracene	air+aerosol	0.03	0.02	0.03	1.93	0.01	0.02	0.08	99.5	0	12
benzo_a_pyrene	air+aerosol	0.02	0.03	0.01	3.78	0.00	0.01	0.08	99.5	0	12
benzo_b_fluoranthene	air+aerosol	0.04	0.04	0.02	3.09	0.01	0.02	0.14	99.5	0	12
benzo_ghi_perylene	air+aerosol	0.03	0.03	0.01	3.65	0.00	0.01	0.07	99.5	0	12
benzo_k_fluoranthene	air+aerosol	0.02	0.02	0.01	3.41	0.00	0.01	0.06	99.5	0	12
beta_endosulfan	air+aerosol	0.27	0.21	0.20	2.29	0.10	0.10	0.50	99.5	12	12
chrysene	air+aerosol	0.05	0.04	0.04	2.75	0.01	0.03	0.15	99.5	0	12
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.00	3.78	0.00	0.00	0.02	99.5	0	12
fluoranthene	air+aerosol	0.20	0.16	0.14	2.40	0.05	0.14	0.57	99.5	0	12
gamma_HCH	air+aerosol	2.53	1.72	2.09	1.84	0.78	2.00	6.69	99.5	0	12
inden_123cd_pyrene	air+aerosol	0.03	0.03	0.02	3.69	0.00	0.01	0.09	99.5	0	12
phenanthrene	air+aerosol	0.54	0.34	0.44	1.84	0.19	0.40	1.26	99.5	0	12
pp_DDD	air+aerosol	0.07	0.06	0.05	2.04	0.03	0.04	0.22	99.5	5	12
pp_DDE	air+aerosol	1.48	0.68	1.35	1.52	0.64	1.35	3.21	99.5	0	12
pp_DDT	air+aerosol	0.38	0.20	0.33	1.67	0.15	0.29	0.79	99.5	0	12
pyrene	air+aerosol	0.13	0.11	0.09	2.58	0.02	0.09	0.36	99.5	0	12

SE0020R Hallahus
January 2019 - December 2019

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	5.72	0.00	0.00	0.02	99.5	2	12
benz_a_anthracene	air+aerosol	0.04	0.06	0.01	6.03	0.00	0.00	0.19	99.5	0	12
benzo_a_pyrene	air+aerosol	0.05	0.06	0.01	5.15	0.00	0.01	0.19	99.5	0	12
benzo_b_fluoranthene	air+aerosol	0.09	0.11	0.03	4.46	0.00	0.01	0.32	99.5	0	12
benzo_ghi_perylene	air+aerosol	0.07	0.09	0.03	4.26	0.00	0.01	0.24	99.5	0	12
benzo_k_fluoranthene	air+aerosol	0.04	0.05	0.01	4.75	0.00	0.01	0.15	99.5	0	12
chrysene	air+aerosol	0.07	0.09	0.02	4.92	0.00	0.01	0.29	99.5	0	12
dibenzo_ah_anthracene	air+aerosol	0.01	0.02	0.00	4.52	0.00	0.00	0.05	99.5	1	12
fluoranthene	air+aerosol	0.11	0.15	0.03	5.37	0.00	0.01	0.51	99.5	0	12
inden_123cd_pyrene	air+aerosol	0.07	0.09	0.03	4.45	0.00	0.01	0.27	99.5	0	12
phenanthrene	air+aerosol	0.06	0.08	0.02	5.28	0.00	0.01	0.29	99.5	0	12
pyrene	air+aerosol	0.10	0.13	0.03	5.50	0.00	0.01	0.43	99.5	0	12

SE0022R Norunda Stenen
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678_HpCDD	air+aerosol	0.04	0.02	0.04	1.78	0.02	0.03	0.07	31.2	0	5
1234678_HpCDF	air+aerosol	0.03	0.03	0.03	2.14	0.01	0.03	0.07	31.2	0	5
1234789_HpCDF	air+aerosol	0.00	0.00	0.00	2.19	0.00	0.01	0.01	31.2	0	5
123478_HxCDD	air+aerosol	0.04	0.02	0.04	1.70	0.02	0.04	0.06	31.2	0	5
123478_HxCDF	air+aerosol	0.10	0.05	0.10	1.78	0.05	0.14	0.16	31.2	0	5
123678_HxCDD	air+aerosol	0.05	0.03	0.05	1.75	0.03	0.05	0.10	31.2	0	5
123678_HxCDF	air+aerosol	0.09	0.06	0.09	1.88	0.04	0.12	0.16	31.2	0	5
123789_HxCDD	air+aerosol	0.03	0.02	0.03	1.75	0.01	0.03	0.07	31.2	1	5
123789_HxCDF	air+aerosol	0.06	0.03	0.06	1.53	0.04	0.07	0.10	31.2	0	5
12378_PeCDD	air+aerosol	0.34	0.30	0.37	1.88	0.20	0.43	0.88	31.2	1	5
12378_PeCDF	air+aerosol	0.03	0.03	0.03	2.13	0.01	0.03	0.07	31.2	0	5
234678_HxCDF	air+aerosol	0.12	0.09	0.12	2.00	0.06	0.15	0.24	31.2	0	5
23478_PeCDF	air+aerosol	0.38	0.35	0.39	2.19	0.15	0.54	0.96	31.2	0	5
2378_TCDD	air+aerosol	0.22	0.12	0.18	1.67	0.10	0.16	0.40	31.2	3	5
2378_TCDF	air+aerosol	0.13	0.09	0.11	2.10	0.04	0.14	0.26	31.2	0	5
BDE_100	air+aerosol	0.03	0.00	0.03	1.16	0.02	0.03	0.03	99.5	13	13
BDE_153	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	99.5	13	13
BDE_154	air+aerosol	0.03	0.01	0.03	1.15	0.03	0.03	0.05	99.5	13	13
BDE_47	air+aerosol	0.03	0.01	0.03	1.21	0.03	0.03	0.05	99.5	7	13
BDE_85	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	99.5	13	13
BDE_99	air+aerosol	0.03	0.01	0.03	1.27	0.02	0.03	0.05	99.5	9	13
HCB	air+aerosol	25.05	1.86	25.45	1.07	25.00	25.00	31.50	99.5	0	13
OCDD	air+aerosol	0.00	0.00	0.00	1.89	0.00	0.00	0.01	31.2	0	5
OCDF	air+aerosol	0.00	0.00	0.00	2.23	0.00	0.00	0.00	31.2	0	5
PCB_101	air+aerosol	0.45	0.21	0.40	1.54	0.20	0.35	0.90	99.5	0	13
PCB_118	air+aerosol	0.14	0.06	0.13	1.47	0.07	0.12	0.25	99.5	0	13
PCB_138	air+aerosol	0.26	0.16	0.21	1.84	0.06	0.19	0.57	99.5	0	13
PCB_153	air+aerosol	0.29	0.17	0.24	1.73	0.10	0.23	0.64	99.5	0	13
PCB_180	air+aerosol	0.07	0.04	0.06	1.63	0.04	0.06	0.17	99.5	5	13
PCB_28	air+aerosol	0.65	0.18	0.64	1.30	0.47	0.63	1.00	99.5	0	13
PCB_52	air+aerosol	0.56	0.19	0.53	1.35	0.35	0.49	1.01	99.5	0	13
alpha_HCH	air+aerosol	2.70	0.82	2.47	1.41	1.24	2.69	3.80	99.5	0	13
anthracene	air+aerosol	0.02	0.01	0.01	2.60	0.00	0.01	0.05	99.5	0	13
benz_a_anthracene	air+aerosol	0.02	0.02	0.02	2.05	0.01	0.02	0.05	99.5	0	13
benzo_a_pyrene	air+aerosol	0.02	0.02	0.01	2.93	0.00	0.01	0.06	99.5	0	13
benzo_b_fluoranthene	air+aerosol	0.03	0.02	0.02	2.72	0.00	0.02	0.08	99.5	0	13
benzo_ghi_perylene	air+aerosol	0.02	0.02	0.01	2.88	0.00	0.01	0.05	99.5	0	13
benzo_k_fluoranthene	air+aerosol	0.01	0.01	0.01	2.74	0.00	0.01	0.04	99.5	0	13
chrysene	air+aerosol	0.04	0.03	0.03	2.79	0.00	0.03	0.11	99.5	0	13
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	2.91	0.00	0.00	0.01	99.5	0	13
fluoranthene	air+aerosol	0.21	0.15	0.17	2.15	0.06	0.17	0.53	99.5	0	13
gamma_HCH	air+aerosol	1.64	1.09	1.36	1.75	0.52	1.25	4.66	99.5	0	13
inden_123cd_pyrene	air+aerosol	0.02	0.02	0.01	2.82	0.00	0.01	0.06	99.5	0	13
phenanthrene	air+aerosol	0.65	0.39	0.60	1.73	0.31	0.58	1.45	99.5	0	13
pp_DDD	air+aerosol	0.03	0.01	0.03	1.15	0.03	0.03	0.05	99.5	11	13
pp_DDE	air+aerosol	1.00	0.41	0.93	1.48	0.49	0.88	1.83	99.5	0	13
pp_DDT	air+aerosol	0.24	0.12	0.21	1.63	0.10	0.20	0.47	99.5	0	13
pyrene	air+aerosol	0.13	0.11	0.10	2.46	0.03	0.11	0.37	99.5	0	13

SI0008R Iskrba
January 2019 - December 2019

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.07	0.10	0.03	3.72	0.01	0.01	0.63	32.9	65	120
benzo_a_pyrene	pm10	0.11	0.17	0.04	4.52	0.01	0.04	1.03	32.9	56	120
benzo_bjk_fluoranthenes	pm10	0.39	0.42	0.23	3.04	0.03	0.25	2.26	32.9	21	120
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	2.77	0.01	0.01	0.18	32.9	86	120
inden_123cd_pyrene	pm10	0.15	0.21	0.05	4.91	0.01	0.07	1.11	32.9	47	120

Appendix E

Monthly and annual mean values for heavy metals in precipitation

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
FI0018R	aluminium	precip	8.9	20.4	15.8	103.2	28.0	148.3	11.1	41.2	48.3	5.6	86.5	9.6	28.8	100
FI0036R	aluminium	precip	3.3	9.2	3.6	6.5	8.3	7.1	3.6	2.4	4.5	1.0	1.3	1.9	4.4	100
FI0050R	aluminium	precip	4.0	12.9	34.7	20.7	21.8	33.1	11.4	10.4	8.2	5.7	5.5	6.0	11.7	100
FI0053R	aluminium	precip	9.2	10.9	14.3	34.7	33.4	11.8	10.9	14.7	6.9	6.1	4.8	6.5	11.3	100
FI0092R	aluminium	precip	2.0	8.0	9.7	13.2	11.0	27.2	13.4	9.3	4.7	7.0	6.9	2.0	8.7	100
FI0093R	aluminium	precip	4.0	9.6	15.6	63.0	15.2	32.2	6.2	9.7	5.3	2.2	4.3	6.4	8.7	100
GB0048R	aluminium	precip	4.8	7.6	6.5	11.1	5.8	12.3	10.9	5.6	10.0	3.5	1.8	3.2	7.1	93
GB1055R	aluminium	precip	4.8	5.2	7.7	9.0	-	5.7	27.8	17.7	14.9	12.6	4.2	2.6	8.8	91
IS0091R	aluminium	precip	228.2	37.2	37.2	363.5	152.1	-	78.5	231.7	73.5	118.8	41.0	9.7	143.8	93
DE0001R	antimony	precip	0.065	0.074	0.045	0.280	0.084	0.077	0.064	0.078	0.058	0.037	0.054	0.064	0.059	100
DE0002R	antimony	precip	0.093	0.120	0.066	0.130	0.101	0.078	0.086	0.107	0.048	0.067	0.064	0.070	0.078	100
DE0003R	antimony	precip	0.049	0.054	0.052	0.086	0.075	0.047	0.064	0.050	0.041	0.047	0.035	0.033	0.052	100
DE0007R	antimony	precip	0.077	0.060	0.054	0.204	0.079	0.087	0.067	0.053	0.045	0.055	0.057	0.045	0.064	100
DE0008R	antimony	precip	0.066	0.085	0.072	0.147	0.105	0.122	0.087	0.088	0.067	0.049	0.066	0.057	0.074	100
DE0009R	antimony	precip	0.072	0.068	0.042	0.185	0.079	0.099	0.089	0.078	0.054	0.061	0.061	0.071	0.073	100
GB0048R	antimony	precip	0.040	0.010	0.030	0.121	0.055	0.049	0.038	0.023	0.025	0.055	0.044	0.020	0.039	93
GB1055R	antimony	precip	0.058	0.035	0.027	0.127	-	0.053	0.035	0.019	0.029	0.032	0.050	0.019	0.037	91
BE0014R	arsenic	precip	0.086	0.037	0.043	0.137	0.072	0.044	0.043	0.038	0.031	0.036	0.046	0.019	0.044	100
CZ0005R	arsenic	precip	0.105	0.065	0.038	0.152	0.103	0.087	0.054	0.052	0.070	0.301	0.030	0.037	0.096	95
DE0001R	arsenic	precip	0.048	0.041	0.030	0.706	0.049	0.081	0.056	0.039	0.026	0.032	0.053	0.048	0.047	100
DE0002R	arsenic	precip	0.068	0.046	0.042	0.170	0.077	0.098	0.095	0.074	0.030	0.021	0.065	0.021	0.060	100
DE0003R	arsenic	precip	0.030	0.046	0.027	0.076	0.038	0.047	0.033	0.032	0.018	0.035	0.013	0.016	0.033	100
DE0007R	arsenic	precip	0.049	0.050	0.043	0.449	0.084	0.169	0.051	0.039	0.027	0.036	0.076	0.026	0.073	100
DE0008R	arsenic	precip	0.034	0.058	0.036	0.105	0.067	0.098	0.062	0.049	0.033	0.019	0.030	0.025	0.041	100
DE0009R	arsenic	precip	0.046	0.040	0.034	0.424	0.070	0.173	0.058	0.078	0.053	0.045	0.099	0.032	0.082	100
DK0005R	arsenic	precip	0.005	0.004	0.004	0.058	0.024	0.012	0.012	0.010	0.001	0.004	0.004	0.010	0.015	86
DK0008R	arsenic	precip	0.005	0.009	0.003	0.059	0.005	0.005	0.003	0.004	0.002	0.002	0.005	0.009	0.005	100
DK0012R	arsenic	precip	0.021	0.001	0.001	0.072	0.006	0.006	0.002	0.001	0.000	0.001	0.001	0.001	0.002	94
DK0022R	arsenic	precip	0.045	0.180	0.130	0.250	0.236	0.563	0.436	0.109	0.152	0.068	0.118	0.075	0.128	100
EE0009R	arsenic	precip	0.025	0.059	0.070	0.051	0.050	0.079	0.026	0.025	0.025	0.025	0.084	0.050	0.039	100
ES0008R	arsenic	precip	0.031	0.081	0.113	0.111	0.108	0.066	0.289	-	-	1.161	0.060	0.044	0.148	100
ES0009R	arsenic	precip	0.179	0.028	0.113	0.070	0.118	0.181	0.190	0.074	0.099	0.056	0.020	0.055	0.081	100
FI0018R	arsenic	precip	0.039	0.145	0.138	0.174	0.065	0.080	0.016	0.029	0.051	0.033	0.157	0.082	0.075	100
FI0036R	arsenic	precip	0.012	0.032	0.035	0.029	0.048	0.033	0.033	0.025	0.047	0.039	0.019	0.011	0.032	100
FI0050R	arsenic	precip	0.038	0.155	0.167	0.134	0.053	0.075	0.042	0.048	0.049	0.059	0.048	0.061	0.064	100
FI0053R	arsenic	precip	0.045	0.050	0.066	0.141	0.166	0.050	0.032	0.043	0.048	0.064	0.070	0.048	0.060	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
FI0092R	arsenic	precip	0.032	0.042	0.049	0.033	0.057	0.053	0.025	0.050	0.027	0.028	0.059	0.020	0.039	100
FI0093R	arsenic	precip	0.028	0.094	0.063	0.110	0.048	0.064	0.017	0.032	0.037	0.041	0.050	0.044	0.046	100
FR0008R	arsenic	precip_tot	0.040	0.060	0.032	0.057	0.092	0.143	0.189	0.468	0.208	0.027	0.022	0.022	0.131	84
FR0009R	arsenic	precip_tot	0.062	0.041	0.050	0.121	0.079	0.117	0.128	0.068	0.040	0.043	0.042	0.022	0.068	99
FR0013R	arsenic	precip_tot	0.022	0.030	0.070	0.058	0.079	0.150	0.138	0.102	0.113	0.060	0.021	0.016	0.078	84
FR0023R	arsenic	precip_tot	0.121	0.023	0.080	0.092	0.140	0.520	0.694	0.458	0.145	0.050	0.013	0.024	0.198	100
FR0024R	arsenic	precip_tot	0.305	0.076	0.217	0.320	0.130	1.035	1.298	0.299	0.178	0.067	0.044	0.043	0.361	92
FR0025R	arsenic	precip_tot	0.059	0.056	0.119	0.395	0.557	0.349	0.458	0.425	0.218	0.062	0.039	0.035	0.250	92
FR0090R	arsenic	precip	0.069	0.039	0.081	0.123	0.074	0.039	0.242	0.080	0.045	0.039	0.038	0.061	0.060	100
GB0006R	arsenic	precip	-	0.175	0.175	-	-	0.004	0.117	0.128	0.119	0.103	0.132	0.136	0.129	77
GB0013R	arsenic	precip	0.111	0.074	0.101	0.081	-	0.004	0.127	0.066	0.044	0.062	0.102	0.081	0.080	87
GB0017R	arsenic	precip	0.186	0.186	0.099	0.096	-	0.004	0.004	-	0.064	0.052	0.053	0.104	0.075	68
GB0048R	arsenic	precip	0.061	0.070	0.050	0.095	0.059	0.408	0.209	0.063	0.055	0.052	0.068	0.044	0.119	93
GB1055R	arsenic	precip	0.055	0.088	0.072	0.124	-	0.143	0.092	0.056	0.064	0.058	0.060	0.053	0.073	91
IS0091R	arsenic	precip	0.026	0.060	0.060	0.081	0.170	-	0.061	0.110	0.062	0.069	0.025	0.025	0.067	93
LV0010R	arsenic	precip	-	-	0.219	0.100	0.406	0.100	0.210	0.482	0.100	0.100	0.100	0.135	0.161	94
NL0010R	arsenic	precip	0.071	0.029	0.145	0.341	0.299	0.560	0.310	0.231	0.072	0.069	0.047	0.040	0.147	96
NL0091R	arsenic	precip	0.045	0.025	0.036	0.058	0.107	0.050	0.008	0.042	0.022	0.011	0.029	0.032	0.031	100
NO0001R	arsenic	precip	0.105	0.037	0.030	0.253	0.074	0.033	0.043	0.039	0.109	0.056	0.049	0.062	0.063	100
PL0005R	arsenic	precip	0.200	0.277	0.233	0.451	0.330	0.339	0.205	0.270	0.251	0.270	0.294	0.330	0.273	100
SE0005R	arsenic	precip	0.021	0.029	0.020	0.123	0.040	0.049	0.046	0.020	0.020	0.070	0.035	0.023	0.037	100
SE0014R	arsenic	precip	0.080	0.041	0.034	0.183	0.110	0.093	0.069	0.040	0.059	0.060	0.140	0.043	0.069	100
SE0020R	arsenic	precip	0.106	0.079	0.070	0.207	0.167	0.120	0.032	0.057	0.108	0.063	0.190	0.100	0.091	100
SE0022R	arsenic	precip	0.042	0.057	0.040	0.264	0.073	0.120	0.033	0.052	0.090	0.141	0.113	0.030	0.067	100
SI0008R	arsenic	precip	0.023	0.019	0.042	0.114	0.020	0.068	0.275	0.017	0.038	0.018	0.013	0.006	0.058	100
SK0002R	arsenic	precip	0.045	0.274	0.122	0.214	0.064	0.020	0.106	0.020	0.020	0.020	0.043	0.020	0.093	100
SK0004R	arsenic	precip	0.060	0.330	0.020	0.050	0.052	0.045	0.020	0.020	0.020	0.020	0.020	0.020	0.032	100
SK0006R	arsenic	precip	0.098	0.351	0.153	0.117	0.059	0.101	0.056	0.049	0.066	0.028	0.029	0.022	0.069	100
SK0007R	arsenic	precip	0.020	0.149	0.020	0.316	0.020	0.045	0.045	0.045	0.133	0.020	0.020	0.020	0.057	100
GB0048R	barium	precip	0.347	0.205	2.562	0.792	0.030	0.030	0.433	0.914	1.571	2.580	0.752	0.161	0.844	81
GB1055R	barium	precip	0.467	0.369	-	0.636	0.030	0.030	1.685	0.493	3.138	1.103	0.982	0.200	0.987	85
GB0048R	beryllium	precip	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.005	0.003	0.002	0.002	0.002	0.003	96
GB1055R	beryllium	precip	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.007	0.003	0.002	0.002	0.002	0.002	92
BE0014R	cadmium	precip	0.028	0.057	0.029	0.047	0.020	0.020	0.010	0.024	0.015	0.012	0.015	0.011	0.020	100
CZ0003R	cadmium	precip	0.027	0.024	0.031	0.014	0.023	0.037	0.032	0.071	0.022	0.014	0.021	0.020	0.033	98
CZ0005R	cadmium	precip	0.016	0.026	0.023	0.041	0.026	0.032	0.018	0.009	0.022	0.016	0.012	0.008	0.020	95

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
DE0001R	cadmium	precip	0.011	0.013	0.010	0.085	0.011	0.013	0.010	0.012	0.007	0.007	0.014	0.011	0.011	100
DE0002R	cadmium	precip	0.019	0.016	0.017	0.042	0.018	0.014	0.018	0.018	0.009	0.008	0.016	0.013	0.015	100
DE0003R	cadmium	precip	0.010	0.011	0.006	0.016	0.011	0.007	0.007	0.005	0.003	0.013	0.003	0.005	0.008	100
DE0007R	cadmium	precip	0.015	0.013	0.014	0.061	0.017	0.016	0.012	0.009	0.005	0.015	0.015	0.010	0.013	100
DE0008R	cadmium	precip	0.011	0.015	0.014	0.034	0.013	0.024	0.019	0.020	0.012	0.006	0.009	0.011	0.012	100
DE0009R	cadmium	precip	0.014	0.011	0.010	0.052	0.016	0.025	0.017	0.016	0.011	0.009	0.014	0.009	0.015	100
DK0005R	cadmium	precip	0.005	0.002	0.001	0.010	0.010	0.005	0.002	0.000	0.001	0.002	-	-	0.004	83
DK0008R	cadmium	precip	0.017	0.033	0.067	0.071	0.073	0.163	0.333	0.022	0.026	0.035	0.041	0.019	0.079	98
DK0012R	cadmium	precip	0.014	0.009	0.035	0.030	0.028	0.025	0.041	0.012	0.011	0.011	0.024	0.011	0.019	100
DK0022R	cadmium	precip	0.016	0.029	0.033	0.060	0.045	0.136	0.172	0.015	0.046	0.030	0.034	0.019	0.031	100
EE0009R	cadmium	precip	0.051	0.011	0.493	0.041	0.030	0.118	0.051	0.030	0.020	0.010	0.436	0.012	0.063	100
EE0011R	cadmium	precip	0.318	0.036	0.010	0.078	0.090	0.061	0.010	0.010	0.010	0.010	0.020	0.010	0.043	100
ES0008R	cadmium	precip	0.062	0.080	0.054	0.109	0.059	0.047	0.073	-	-	0.036	0.031	0.043	0.052	100
ES0009R	cadmium	precip	0.546	0.079	0.047	0.034	0.024	0.036	0.072	0.020	0.029	0.027	0.022	0.130	0.049	100
FI0018R	cadmium	precip	0.013	0.042	0.038	0.067	0.029	0.021	0.002	0.038	0.010	0.008	0.064	0.024	0.026	100
FI0036R	cadmium	precip	0.002	0.004	0.008	0.007	0.012	0.009	0.008	0.023	0.011	0.008	0.004	0.003	0.009	100
FI0050R	cadmium	precip	0.008	0.024	0.041	0.080	0.036	0.018	0.011	0.011	0.010	0.017	0.017	0.013	0.020	100
FI0053R	cadmium	precip	0.015	0.011	0.024	0.056	0.016	0.008	0.015	0.032	0.009	0.011	0.020	0.011	0.015	100
FI0092R	cadmium	precip	0.010	0.011	0.018	0.014	0.012	0.011	0.005	0.067	0.011	0.008	0.022	0.008	0.014	100
FI0093R	cadmium	precip	0.005	0.026	0.018	0.035	0.018	0.016	0.004	0.004	0.011	0.006	0.017	0.010	0.013	93
FR0008R	cadmium	precip_tot	0.019	0.014	0.011	0.019	0.046	0.100	0.161	0.450	0.198	0.010	0.013	0.013	0.103	84
FR0009R	cadmium	precip_tot	0.028	0.023	0.024	0.063	0.045	0.078	0.081	0.023	0.047	0.018	0.034	0.012	0.040	99
FR0013R	cadmium	precip_tot	0.008	0.014	0.025	0.017	0.019	0.035	0.032	0.039	0.054	0.016	0.006	0.006	0.025	84
FR0023R	cadmium	precip_tot	0.055	0.014	0.021	0.020	0.022	0.088	0.182	0.141	0.049	0.007	0.010	0.024	0.053	100
FR0024R	cadmium	precip_tot	0.024	0.015	0.023	0.042	0.025	0.043	0.048	0.028	0.023	0.006	0.008	0.009	0.026	92
FR0025R	cadmium	precip_tot	0.015	0.018	0.043	0.067	0.035	0.069	0.080	0.058	0.030	0.012	0.018	0.019	0.041	92
FR0090R	cadmium	precip	0.029	0.005	0.016	0.010	0.046	0.013	0.091	0.008	0.008	0.007	0.017	0.001	0.015	100
GB0006R	cadmium	precip	-	0.002	0.002	-	-	0.002	0.001	0.001	0.004	0.006	0.009	0.002	0.003	77
GB0013R	cadmium	precip	0.010	0.002	0.007	0.013	-	0.009	0.018	0.001	0.005	0.008	0.018	0.003	0.008	87
GB0017R	cadmium	precip	0.020	0.020	0.016	0.016	-	-	-	-	0.008	0.005	0.004	0.008	0.010	56
GB0048R	cadmium	precip	0.002	0.005	0.005	0.023	0.018	0.016	0.007	0.002	0.004	0.005	0.006	0.004	0.007	93
GB1055R	cadmium	precip	0.006	0.004	0.008	0.026	-	0.014	0.012	0.003	0.007	0.006	0.009	0.004	0.008	91
HU0002R	cadmium	precip	0.052	0.052	0.130	0.064	0.087	0.052	0.052	0.186	0.053	0.052	0.052	0.052	0.061	87
IS0091R	cadmium	precip	0.010	0.010	0.010	0.021	0.070	-	0.020	0.020	0.010	0.010	0.003	0.003	0.017	93
LV0010R	cadmium	precip	-	-	0.021	0.023	0.021	0.033	0.010	0.010	0.013	0.028	0.010	0.012	0.018	91
NL0010R	cadmium	precip	0.030	0.042	0.119	0.122	0.143	0.123	0.090	0.060	0.034	0.053	0.030	0.030	0.068	96
NL0091R	cadmium	precip	0.002	0.003	0.011	0.023	0.033	0.020	-0.007	0.009	0.004	0.007	0.008	0.004	0.008	100
NO0001R	cadmium	precip	0.021	0.009	0.006	0.057	0.022	0.013	0.012	0.007	0.016	0.012	0.014	0.016	0.014	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
NO0039R	cadmium	precip	0.003	0.004	0.004	0.018	0.009	0.009	0.003	0.006	0.008	0.013	0.004	0.010	0.007	98
NO0056R	cadmium	precip	0.015	0.014	0.004	0.089	0.026	0.014	0.228	0.011	0.018	0.007	0.014	0.018	0.027	100
PL0004R	cadmium	precip	0.018	0.012	0.006	0.066	0.018	0.017	0.005	0.012	0.010	0.006	0.009	0.011	0.011	100
PL0005R	cadmium	precip	0.010	0.018	0.020	0.063	0.020	0.020	0.010	0.010	0.010	0.010	0.034	0.020	0.016	91
SE0005R	cadmium	precip	0.001	0.009	0.000	0.064	0.010	0.063	0.015	0.000	0.010	0.000	0.009	0.010	0.016	100
SE0014R	cadmium	precip	0.020	0.010	0.004	0.320	0.020	0.020	0.017	0.010	0.020	0.030	0.030	0.011	0.031	100
SE0020R	cadmium	precip	0.020	0.019	0.010	0.703	0.036	0.020	0.001	0.011	0.020	0.033	0.060	0.020	0.037	100
SE0022R	cadmium	precip	0.010	0.010	0.010	0.079	0.021	0.040	0.010	0.011	0.020	0.011	0.023	0.010	0.015	100
SI0008R	cadmium	precip	0.016	0.012	0.011	0.035	0.003	0.010	0.003	0.004	0.016	0.015	0.006	0.003	0.010	100
SK0002R	cadmium	precip	0.023	0.082	0.028	0.075	0.022	0.022	0.022	0.022	0.022	0.121	0.263	0.010	0.049	100
SK0004R	cadmium	precip	0.037	0.121	0.134	0.083	0.031	0.010	0.010	0.010	0.010	0.151	0.095	0.010	0.049	100
SK0006R	cadmium	precip	0.029	0.044	0.050	0.077	0.043	0.029	0.013	0.014	0.033	0.074	0.251	0.026	0.057	100
SK0007R	cadmium	precip	0.012	0.016	0.014	0.062	0.022	0.044	0.027	0.049	0.011	0.042	0.010	0.011	0.025	100
GB0048R	cesium	precip	0.001	0.001	0.002	0.003	0.003	0.004	0.002	0.001	0.001	0.001	0.002	0.002	0.0019	94
GB1055R	cesium	precip	0.001	0.001	0.002	0.004	-	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.0015	96
BE0014R	chromium	precip	0.166	0.076	0.145	0.308	0.087	0.106	0.155	0.118	0.128	0.077	0.096	0.071	0.110	100
CZ0003R	chromium	precip	0.060	0.084	0.147	0.075	0.075	0.216	0.240	0.140	0.096	0.102	0.085	0.539	0.139	98
CZ0005R	chromium	precip	0.025	0.087	0.063	0.099	0.082	0.241	0.095	0.065	0.093	0.082	0.029	0.027	0.082	95
DE0001R	chromium	precip	0.128	0.058	0.109	0.283	0.114	0.134	0.115	0.134	0.060	0.100	0.050	0.112	0.095	100
DE0002R	chromium	precip	0.102	0.115	0.091	0.430	0.217	0.148	0.118	0.178	0.088	0.060	0.084	0.115	0.126	100
DE0003R	chromium	precip	0.043	0.117	0.103	0.096	0.094	0.078	0.050	0.047	0.100	0.082	0.104	0.064	0.079	100
DE0007R	chromium	precip	0.137	0.113	0.093	0.370	0.208	0.134	0.075	0.083	0.049	0.083	0.040	0.039	0.096	100
DE0008R	chromium	precip	0.126	0.221	0.098	0.216	0.059	0.188	0.137	0.100	0.063	0.037	0.056	0.043	0.087	100
DE0009R	chromium	precip	0.108	0.085	0.079	0.291	0.151	0.255	0.084	0.143	0.065	0.041	0.077	0.085	0.118	100
DK0005R	chromium	precip	0.569	0.951	0.485	0.228	0.442	0.201	0.588	0.806	0.288	0.209	0.318	0.248	0.390	100
DK0008R	chromium	precip	0.281	0.163	0.143	0.482	0.484	0.650	2.212	0.159	0.206	0.173	0.163	0.094	0.450	98
DK0012R	chromium	precip	0.063	0.057	0.110	0.160	0.197	0.142	0.272	0.101	0.042	0.068	0.074	0.042	0.096	100
DK0022R	chromium	precip	0.092	0.110	0.113	0.657	0.238	1.125	0.494	0.064	0.266	0.117	0.182	0.051	0.145	100
ES0008R	chromium	precip	0.522	1.484	0.820	1.275	1.542	0.525	0.860	-	-	1.739	2.657	2.094	1.628	100
ES0009R	chromium	precip	5.438	2.765	8.937	2.265	3.816	5.349	3.569	1.818	1.321	1.643	1.139	2.293	1.721	100
FI0018R	chromium	precip	0.061	0.084	0.095	0.220	0.097	0.151	0.034	0.097	0.068	0.035	0.104	0.030	0.070	100
FI0036R	chromium	precip	0.032	0.041	0.031	0.076	0.061	0.047	0.048	0.035	0.029	0.024	0.022	0.014	0.037	100
FI0050R	chromium	precip	0.048	0.073	0.138	0.094	0.096	0.126	0.090	0.054	0.043	0.041	0.028	0.034	0.061	100
FI0053R	chromium	precip	0.214	0.095	0.146	0.219	0.191	0.075	0.118	0.101	0.058	0.054	0.066	0.061	0.094	100
FI0092R	chromium	precip	0.041	0.045	0.058	0.077	0.066	0.105	0.063	0.083	0.036	0.029	0.038	0.017	0.050	100
FI0093R	chromium	precip	0.053	0.056	0.065	0.184	0.101	0.145	0.064	0.071	0.041	0.027	0.030	0.025	0.054	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
FR0090R	chromium	precip	0.017	0.044	0.021	0.085	0.075	0.110	0.086	0.021	0.047	0.029	0.012	0.010	0.037	100
GB0006R	chromium	precip	-	0.121	0.121	-	-	0.020	0.044	0.063	0.020	0.020	0.078	0.068	0.063	77
GB0013R	chromium	precip	0.030	0.051	0.082	0.098	-	0.106	0.046	0.154	0.025	0.024	0.021	0.042	0.055	87
GB0017R	chromium	precip	0.236	0.236	0.090	0.085	-	-	-	-	0.020	0.020	0.025	0.091	0.073	56
GB0048R	chromium	precip	0.040	0.125	0.113	0.146	0.084	0.103	0.033	0.064	0.045	0.023	0.020	0.024	0.064	94
GB1055R	chromium	precip	0.025	0.084	0.153	0.163	-	0.144	0.020	0.056	0.037	0.020	0.021	0.063	0.065	92
IS0091R	chromium	precip	0.305	0.200	0.200	0.500	0.900	-	0.404	0.600	0.213	0.295	0.050	0.050	0.355	93
NL0010R	chromium	precip	0.071	0.050	0.100	0.464	0.221	0.219	0.210	0.208	0.079	0.083	0.083	0.060	0.130	96
NL0091R	chromium	precip	0.274	0.053	0.055	0.173	0.156	0.044	0.040	0.061	0.025	0.029	0.035	0.032	0.055	100
NO0001R	chromium	precip	0.058	0.109	0.058	0.208	0.110	0.177	0.154	0.055	0.121	0.060	0.078	0.070	0.093	100
PL0004R	chromium	precip	0.060	0.030	0.020	0.398	0.041	0.060	0.020	0.030	0.030	0.010	0.020	0.020	0.032	100
PL0005R	chromium	precip	0.060	0.091	0.033	0.554	0.220	0.202	0.021	0.030	0.022	0.100	0.178	0.121	0.101	100
SE0005R	chromium	precip	0.030	0.030	0.030	0.475	0.030	0.021	0.066	0.020	0.020	0.020	0.029	0.037	0.033	100
SE0014R	chromium	precip	0.110	0.022	0.026	0.171	0.080	0.114	0.061	0.040	0.030	0.022	0.040	0.040	0.047	100
SE0020R	chromium	precip	0.096	0.066	0.020	0.168	0.142	0.110	0.050	0.054	0.078	0.022	0.040	0.030	0.064	100
SE0022R	chromium	precip	0.033	0.056	0.030	0.196	0.065	0.150	0.066	0.023	0.070	0.021	0.033	0.020	0.043	100
SI0008R	chromium	precip	0.016	0.019	0.028	0.051	0.018	0.159	0.055	0.031	0.041	0.023	0.023	0.003	0.033	100
SK0002R	chromium	precip	0.474	0.483	0.015	0.566	0.015	0.015	0.064	0.015	0.015	0.015	0.431	0.015	0.190	100
SK0004R	chromium	precip	0.268	1.553	0.675	0.889	0.015	0.142	0.015	0.015	0.015	0.133	0.139	0.015	0.129	100
SK0006R	chromium	precip	0.966	1.384	0.506	0.649	0.457	0.344	0.117	0.016	0.053	0.234	0.333	0.029	0.356	100
SK0007R	chromium	precip	0.311	1.062	0.015	0.667	0.202	0.530	0.015	0.015	0.015	0.251	0.095	0.015	0.162	100
CZ0003R	cobalt	precip	0.015	0.031	0.030	0.018	0.014	0.100	0.059	0.049	0.022	0.021	0.015	0.011	0.033	98
CZ0005R	cobalt	precip	0.007	0.016	0.013	0.027	0.020	0.086	0.027	0.026	0.022	0.023	0.011	0.004	0.025	95
DE0001R	cobalt	precip	0.020	0.016	0.013	0.102	0.020	0.054	0.019	0.023	0.015	0.011	0.009	0.013	0.018	100
DE0002R	cobalt	precip	0.017	0.031	0.018	0.085	0.032	0.081	0.024	0.037	0.015	0.020	0.012	0.019	0.030	100
DE0003R	cobalt	precip	0.008	0.012	0.016	0.022	0.016	0.031	0.014	0.022	0.011	0.019	0.009	0.011	0.016	100
DE0007R	cobalt	precip	0.023	0.021	0.022	0.135	0.037	0.062	0.019	0.013	0.013	0.018	0.014	0.012	0.027	100
DE0008R	cobalt	precip	0.008	0.014	0.011	0.064	0.022	0.091	0.035	0.038	0.024	0.012	0.015	0.011	0.019	100
DE0009R	cobalt	precip	0.026	0.015	0.012	0.138	0.028	0.087	0.031	0.027	0.018	0.022	0.017	0.021	0.033	100
FI0018R	cobalt	precip	0.007	0.019	0.019	0.110	0.026	0.088	0.011	0.024	0.029	0.006	0.036	0.008	0.020	100
FI0036R	cobalt	precip	0.005	0.012	0.007	0.012	0.008	0.010	0.009	0.007	0.009	0.003	0.004	0.003	0.007	100
FI0050R	cobalt	precip	0.008	0.016	0.037	0.034	0.025	0.035	0.025	0.015	0.010	0.013	0.007	0.010	0.017	100
FI0053R	cobalt	precip	0.071	0.025	0.041	0.187	0.033	0.019	0.022	0.035	0.029	0.011	0.018	0.024	0.028	100
FI0092R	cobalt	precip	0.004	0.008	0.011	0.014	0.015	0.035	0.016	0.016	0.008	0.009	0.008	0.003	0.011	100
FI0093R	cobalt	precip	0.005	0.016	0.021	0.089	0.020	0.036	0.018	0.013	0.009	0.005	0.006	0.007	0.013	100
FR0090R	cobalt	precip	0.008	0.004	0.012	0.032	0.003	0.023	0.010	0.013	0.005	0.002	0.009	0.023	0.011	100
GB0048R	cobalt	precip	0.005	0.007	0.008	0.019	0.009	0.017	0.015	0.008	0.010	0.004	0.004	0.004	0.009	95

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
GB1055R	cobalt	precip	0.003	0.006	0.009	0.014	-	0.010	0.039	0.022	0.018	0.019	0.005	0.005	0.012	93
IS0091R	cobalt	precip	0.122	0.030	0.030	0.204	0.160	-	0.082	0.160	0.044	0.069	0.020	0.005	0.094	93
NO0001R	cobalt	precip	0.009	0.009	0.007	0.094	0.021	0.029	0.021	0.008	0.017	0.012	0.013	0.014	0.016	100
SE0005R	cobalt	precip	0.001	0.010	0.010	0.035	0.010	0.019	0.019	0.010	0.000	0.020	0.011	0.010	0.011	100
SE0014R	cobalt	precip	0.040	0.001	0.000	0.175	0.020	0.037	0.017	0.010	0.010	0.016	0.070	0.012	0.025	100
SE0020R	cobalt	precip	0.010	0.009	0.000	0.102	0.044	0.060	0.011	0.023	0.039	0.010	0.010	0.010	0.022	100
SE0022R	cobalt	precip	0.000	0.000	0.000	0.087	0.022	0.060	0.027	0.001	0.020	0.010	0.006	0.000	0.011	100
SI0008R	cobalt	precip	0.009	0.009	0.034	0.069	0.022	0.131	0.045	0.050	0.012	0.012	0.007	0.004	0.029	100
BE0014R	copper	precip	13.172	1.645	1.106	2.857	1.415	1.789	2.592	4.658	2.068	1.348	2.216	2.115	2.582	100
CZ0005R	copper	precip	0.640	1.502	2.195	1.753	2.098	2.519	1.827	1.272	1.173	5.473	0.775	0.591	1.801	95
DE0001R	copper	precip	0.365	0.451	0.347	2.061	0.531	0.645	0.480	0.454	0.205	0.229	0.282	0.438	0.355	100
DE0002R	copper	precip	2.134	0.659	0.564	1.404	0.863	0.763	0.751	0.929	0.397	0.361	0.421	0.355	0.689	100
DE0003R	copper	precip	0.264	0.333	0.228	0.632	0.475	0.594	0.537	0.499	0.197	0.364	0.140	0.173	0.360	100
DE0007R	copper	precip	0.872	1.155	1.255	3.241	1.100	0.913	1.104	0.690	0.387	0.664	0.469	0.382	0.819	100
DE0008R	copper	precip	0.423	0.511	0.558	1.403	0.718	1.785	2.489	1.858	1.054	0.344	1.007	0.458	0.779	100
DE0009R	copper	precip	0.685	0.445	0.541	1.987	0.627	0.944	0.604	0.520	0.333	0.354	0.431	0.473	0.574	100
DK0005R	copper	precip	1.063	2.804	1.249	3.291	2.450	2.594	8.180	1.272	0.951	2.736	1.498	1.130	2.090	100
DK0008R	copper	precip	1.099	1.579	1.207	4.013	4.082	9.195	41.258	2.175	1.333	1.360	1.493	0.882	6.404	98
DK0012R	copper	precip	0.771	0.632	1.568	1.740	2.811	1.411	2.317	0.551	0.408	0.439	0.904	0.441	0.979	100
DK0022R	copper	precip	0.931	1.736	1.646	5.534	2.414	11.045	9.168	0.502	3.225	1.247	1.571	0.596	1.614	100
EE0009R	copper	precip	0.504	1.040	1.543	0.525	2.196	2.426	2.796	1.257	1.695	0.508	13.935	0.556	1.583	100
EE0011R	copper	precip	9.110	0.677	0.500	2.468	3.699	7.789	0.515	0.500	0.500	0.500	2.838	0.530	1.766	100
ES0008R	copper	precip	4.590	6.406	9.543	23.099	18.103	6.952	6.768	-	-	6.699	6.441	11.991	8.763	100
ES0009R	copper	precip	27.335	7.944	12.506	8.145	8.107	6.776	12.308	2.328	11.567	8.925	2.936	11.506	9.505	100
FI0018R	copper	precip	0.723	1.024	0.988	1.290	0.789	1.491	0.425	0.699	0.513	0.447	0.722	0.435	0.678	100
FI0036R	copper	precip	0.442	0.369	0.595	0.521	0.455	0.607	0.377	0.331	0.296	0.309	0.538	0.399	0.421	100
FI0050R	copper	precip	0.758	0.960	1.519	0.669	0.606	0.970	0.562	0.442	0.385	0.447	0.334	0.593	0.580	100
FI0053R	copper	precip	1.550	0.607	1.615	2.028	0.731	0.466	0.480	0.449	0.408	0.302	0.523	0.804	0.617	100
FI0092R	copper	precip	0.421	0.445	1.019	0.339	0.290	0.569	0.586	1.929	0.331	0.257	0.379	0.229	0.470	100
FI0093R	copper	precip	0.601	0.678	0.654	1.251	0.914	0.790	0.310	0.647	0.347	0.284	0.410	0.429	0.521	100
FR0090R	copper	precip	0.596	0.247	0.565	0.935	0.528	0.183	1.741	0.536	0.421	0.251	0.359	0.145	0.416	100
GB0006R	copper	precip	-	0.177	0.177	-	-	0.176	0.165	0.187	0.223	0.094	0.185	0.145	0.172	77
GB0013R	copper	precip	0.321	0.404	0.417	0.829	-	0.682	2.222	0.415	0.404	0.489	0.364	0.132	0.431	87
GB0017R	copper	precip	1.150	1.150	0.981	0.975	-	-	-	-	1.236	0.838	0.728	0.321	0.922	56
GB0048R	copper	precip	0.769	0.778	0.663	1.721	0.429	0.582	0.589	0.429	0.349	0.320	0.195	0.073	0.495	93
GB1055R	copper	precip	0.463	0.537	0.336	1.179	-	0.530	0.610	0.274	0.456	0.341	0.400	0.127	0.396	91
IS0091R	copper	precip	1.041	0.990	0.990	1.200	10.890	-	2.574	6.980	5.009	6.514	1.270	1.037	3.664	93

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
NL0010R	copper	precip	1.360	1.119	1.338	6.536	5.819	5.202	5.350	3.645	1.471	1.154	0.992	0.890	2.300	96
NL0091R	copper	precip	0.908	0.464	0.483	1.387	1.272	0.868	0.449	0.692	0.300	0.378	0.449	0.362	0.547	100
NO0001R	copper	precip	1.726	11.153	0.276	7.770	8.573	11.491	24.373	1.228	0.842	0.781	0.929	1.473	4.310	100
PL0004R	copper	precip	0.747	0.532	0.460	4.910	0.960	0.802	0.301	0.508	0.361	0.251	0.280	0.477	0.502	100
PL0005R	copper	precip	0.800	1.264	0.823	5.005	1.500	1.684	1.082	0.850	0.060	0.450	1.193	0.613	0.986	100
SE0005R	copper	precip	0.298	0.458	0.120	0.758	0.200	0.386	0.996	0.250	0.289	0.840	0.666	0.903	0.426	100
SE0014R	copper	precip	0.860	0.213	0.229	7.203	0.530	0.821	0.858	0.400	0.410	2.091	1.180	0.405	1.018	100
SE0020R	copper	precip	1.867	0.625	0.460	16.405	1.995	0.750	0.680	1.404	1.876	2.752	6.340	0.650	1.895	100
SE0022R	copper	precip	0.640	0.165	0.260	1.221	0.587	1.270	2.090	0.307	1.360	0.793	2.367	0.190	0.875	100
SI0008R	copper	precip	0.730	0.836	1.229	3.366	0.386	0.636	6.947	6.942	0.518	0.736	0.523	0.296	1.961	100
SK0002R	copper	precip	1.742	3.189	1.081	2.309	0.380	0.124	1.406	0.740	0.565	0.397	0.947	0.055	1.151	100
SK0004R	copper	precip	0.856	3.033	0.621	6.719	1.178	0.660	2.623	0.441	0.386	0.884	0.745	0.291	1.016	100
SK0006R	copper	precip	1.671	2.055	2.569	1.655	0.764	1.122	1.169	0.877	0.702	0.670	1.107	0.989	1.150	98
SK0007R	copper	precip	1.495	2.174	1.339	6.139	0.565	1.127	1.608	0.224	0.645	0.767	0.458	0.262	0.982	100
BE0014R	iron	precip	20.6	7.9	12.1	45.5	11.8	11.4	33.7	18.6	9.9	9.1	13.3	5.0	12.9	100
CZ0005R	iron	precip	6.8	22.8	18.8	35.5	33.5	117.7	43.7	26.0	28.2	37.6	11.9	5.8	33.6	95
DE0001R	iron	precip	12.5	12.2	10.5	99.9	17.0	43.7	18.6	19.0	4.9	7.1	7.6	13.3	12.9	100
DE0002R	iron	precip	11.3	18.4	19.4	115.7	50.9	52.3	28.3	46.4	20.0	11.3	10.7	10.2	28.5	100
DE0003R	iron	precip	6.1	12.5	11.6	26.9	9.5	19.3	11.4	13.5	6.2	12.4	5.3	8.0	11.4	100
DE0007R	iron	precip	11.0	24.8	24.2	98.8	32.1	38.9	26.2	17.9	15.5	13.6	9.7	9.4	22.6	100
DE0008R	iron	precip	5.4	12.9	14.7	52.9	11.8	71.0	33.3	32.6	14.7	6.1	11.9	9.5	14.7	100
DE0009R	iron	precip	17.3	9.3	9.5	171.4	23.6	61.1	18.3	27.6	13.8	7.9	14.5	15.4	26.1	100
FI0018R	iron	precip	14.5	23.2	27.0	190.9	51.3	360.8	26.4	105.5	114.3	5.9	174.6	19.9	58.4	100
FI0036R	iron	precip	4.2	7.3	5.2	6.4	7.8	8.5	5.8	3.9	5.6	1.7	2.1	2.4	10.5	100
FI0050R	iron	precip	6.5	15.2	51.8	27.8	28.2	41.3	19.7	16.7	10.7	5.3	7.3	4.8	15.6	100
FI0053R	iron	precip	17.0	12.9	16.2	31.8	88.8	18.5	16.3	25.4	10.3	4.9	6.0	7.5	18.6	100
FI0092R	iron	precip	5.0	8.6	12.0	18.6	12.4	32.1	15.6	14.4	6.7	5.1	8.4	8.9	11.6	100
FI0093R	iron	precip	5.5	13.7	23.2	62.5	17.9	40.7	9.4	13.6	7.2	2.5	5.5	5.0	10.8	100
GB0048R	iron	precip	6.2	7.4	6.2	11.9	12.1	11.8	7.9	10.2	4.6	2.8	1.1	1.1	6.8	93
GB1055R	iron	precip	3.9	5.5	6.4	10.4	-	5.4	20.0	21.1	10.1	4.5	3.0	3.4	6.6	91
IS0091R	iron	precip	279.9	21.4	21.4	415.7	247.3	-	104.7	278.2	88.0	142.8	51.1	9.2	174.2	93
NL0010R	iron	precip	10.2	17.7	81.0	138.6	117.5	196.6	169.8	104.7	18.3	29.8	29.5	30.2	64.4	94
NL0091R	iron	precip	10.5	7.4	9.5	40.6	52.9	13.3	12.8	16.6	8.4	5.0	3.6	5.8	11.1	91
BE0014R	lead	precip	0.657	0.380	0.464	1.031	0.590	0.471	0.443	0.361	0.284	0.372	0.468	0.115	0.412	100
CZ0003R	lead	precip	0.604	0.966	0.767	0.311	0.641	1.320	1.318	0.902	0.338	0.554	0.430	2.971	0.867	98
CZ0005R	lead	precip	0.332	0.586	0.571	0.607	0.653	1.625	0.578	0.398	0.290	0.466	0.105	0.098	0.563	95

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
DE0001R	lead	precip	0.243	0.315	0.244	2.047	0.288	0.522	0.307	0.386	0.150	0.268	0.310	0.332	0.299	100
DE0002R	lead	precip	0.503	0.289	0.300	1.454	0.553	0.570	0.649	0.576	0.260	0.231	0.364	0.318	0.453	100
DE0003R	lead	precip	0.253	0.269	0.171	0.456	0.322	0.255	0.304	0.170	0.087	0.199	0.057	0.101	0.213	100
DE0007R	lead	precip	0.388	0.299	0.346	1.972	0.568	0.746	0.511	0.285	0.176	0.166	0.356	0.232	0.410	100
DE0008R	lead	precip	0.381	0.325	0.494	0.819	0.443	0.894	0.548	0.526	0.408	0.198	0.348	0.415	0.409	100
DE0009R	lead	precip	0.271	0.219	0.205	1.935	0.408	0.878	0.317	0.434	0.263	0.193	0.320	0.204	0.412	100
DK0005R	lead	precip	1.512	5.330	2.558	1.354	1.286	1.037	3.247	3.824	1.459	1.035	1.267	1.058	1.837	100
DK0008R	lead	precip	0.694	0.920	1.532	2.215	2.254	4.937	17.339	1.145	0.685	0.736	0.812	0.581	3.066	98
DK0012R	lead	precip	2.255	0.560	0.847	0.846	0.945	0.679	0.932	0.174	0.263	0.214	0.519	0.262	0.590	100
DK0022R	lead	precip	0.266	0.647	1.178	2.165	1.493	4.670	3.442	0.209	1.436	0.466	0.757	0.450	0.777	100
EE0009R	lead	precip	0.212	0.279	0.398	0.195	0.330	2.832	0.775	0.203	0.200	0.190	7.990	0.232	0.614	100
EE0011R	lead	precip	0.929	0.499	0.311	0.413	1.299	1.495	0.053	0.050	0.050	0.229	0.269	0.053	0.331	100
ES0008R	lead	precip	0.484	1.451	1.163	4.962	5.190	0.581	1.030	-	-	0.664	0.996	0.860	1.371	100
ES0009R	lead	precip	8.090	2.982	19.850	2.114	3.697	2.618	9.362	1.519	3.320	1.552	0.978	1.796	2.976	100
FI0018R	lead	precip	0.372	1.342	1.236	1.990	0.581	1.516	0.149	0.512	0.523	0.187	1.466	0.743	0.717	100
FI0036R	lead	precip	0.077	0.143	0.187	0.117	0.169	0.200	0.111	0.163	0.216	0.144	0.151	0.150	0.161	100
FI0050R	lead	precip	0.216	0.775	0.966	1.178	0.297	0.329	0.120	0.186	0.211	0.352	0.420	0.275	0.364	100
FI0053R	lead	precip	0.524	0.476	0.657	0.799	0.415	0.235	0.186	0.285	0.184	0.206	0.607	0.793	0.371	100
FI0092R	lead	precip	0.320	0.338	0.504	0.222	0.263	0.247	0.134	0.301	0.195	0.175	0.645	0.215	0.295	100
FI0093R	lead	precip	0.170	0.703	0.486	0.524	0.364	0.384	0.089	0.209	0.210	0.139	0.438	0.280	0.305	100
FR0008R	lead	precip_tot	0.473	0.253	0.372	0.522	0.766	0.803	0.712	0.930	0.475	0.229	0.297	0.297	0.558	84
FR0009R	lead	precip_tot	0.895	0.557	0.733	1.364	0.965	1.827	2.160	0.874	0.539	0.279	0.500	0.325	0.921	99
FR0013R	lead	precip_tot	0.216	0.231	0.735	0.443	0.496	0.897	0.969	0.540	0.660	0.292	0.112	0.104	0.509	84
FR0023R	lead	precip_tot	0.779	0.285	1.402	0.650	1.183	4.342	6.945	4.902	1.396	0.366	0.106	0.109	1.892	100
FR0024R	lead	precip_tot	0.727	0.291	0.982	1.599	0.743	3.389	4.354	1.241	0.696	0.212	0.198	0.211	1.313	92
FR0025R	lead	precip_tot	0.430	0.426	1.014	1.716	0.585	4.527	5.808	2.061	0.944	0.351	0.182	0.150	1.643	92
FR0090R	lead	precip	0.141	0.473	0.175	0.506	0.657	0.660	0.337	0.181	0.595	0.223	0.141	0.209	0.310	100
GB0006R	lead	precip	-	0.047	0.067	-	-	0.068	0.036	0.030	0.030	0.030	0.099	0.038	0.047	82
GB0013R	lead	precip	0.078	0.074	0.108	0.161	-	0.288	0.862	0.089	0.095	0.206	0.285	0.062	0.161	87
GB0017R	lead	precip	0.550	0.550	0.525	0.524	-	-	-	-	0.221	0.243	0.245	0.199	0.323	56
GB0048R	lead	precip	0.058	0.060	0.109	0.367	0.304	0.318	0.186	0.108	0.167	0.173	0.206	0.037	0.175	93
GB1055R	lead	precip	0.244	0.188	0.104	0.386	-	0.255	0.279	0.168	0.298	0.334	0.427	0.289	0.285	91
HU0002R	lead	precip	2.279	4.810	6.227	3.457	4.395	2.211	0.463	0.463	1.444	0.811	0.834	5.259	2.584	88
IS0091R	lead	precip	0.460	0.270	0.270	0.565	3.040	-	0.789	0.760	0.277	0.902	0.100	0.022	0.677	93
LV0010R	lead	precip	-	-	0.355	1.349	0.428	2.118	0.222	0.502	0.800	0.999	0.337	0.697	0.731	84
NL0010R	lead	precip	0.318	0.316	0.546	2.953	1.943	1.602	1.240	1.283	0.260	0.511	0.355	0.290	0.786	96
NL0091R	lead	precip	0.350	0.213	0.236	0.818	0.720	0.460	0.310	0.215	0.264	0.224	0.242	0.196	0.302	100
NO0001R	lead	precip	0.665	0.606	0.195	1.561	0.611	0.538	0.730	0.211	0.387	0.339	0.288	0.445	0.440	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
NO0039R	lead	precip	0.260	0.094	0.153	0.550	0.310	0.487	0.066	1.072	0.131	0.819	0.341	0.145	0.271	95
NO0056R	lead	precip	0.468	0.414	0.119	2.026	0.668	0.463	0.241	0.329	0.443	0.239	0.218	0.240	0.376	100
PL0004R	lead	precip	0.428	0.301	0.210	1.457	0.263	0.231	0.080	0.110	0.180	0.120	0.160	0.268	0.204	100
PL0005R	lead	precip	0.470	0.339	0.204	0.420	0.330	0.486	0.441	0.450	0.492	0.200	0.388	0.538	0.399	100
SE0005R	lead	precip	0.035	0.088	0.070	0.662	0.170	0.143	0.754	0.130	0.063	0.130	0.243	0.175	0.170	100
SE0014R	lead	precip	0.360	0.144	0.111	0.994	0.320	0.346	0.211	0.190	0.182	0.404	2.020	0.315	0.449	100
SE0020R	lead	precip	0.463	0.450	0.230	0.881	0.687	0.490	0.258	0.260	0.462	0.243	0.780	0.540	0.418	100
SE0022R	lead	precip	0.103	0.127	0.110	0.700	0.286	0.390	0.164	0.105	0.380	0.185	0.398	0.130	0.198	100
SI0008R	lead	precip	0.264	0.571	0.392	0.702	0.245	0.771	0.411	0.456	0.752	0.260	0.140	0.059	0.363	100
SK0002R	lead	precip	0.988	1.798	1.175	0.986	0.975	0.100	0.770	0.876	0.611	0.430	0.790	0.330	0.894	100
SK0004R	lead	precip	1.521	3.975	0.828	5.330	0.531	0.618	0.536	0.250	0.502	0.281	0.493	0.352	0.601	100
SK0006R	lead	precip	3.006	3.038	3.484	1.088	0.938	0.606	1.691	0.605	1.011	0.546	0.707	0.335	1.256	100
SK0007R	lead	precip	0.618	1.879	0.820	3.944	0.855	0.934	0.541	0.329	0.950	0.613	0.448	0.478	0.802	100
GB0048R	lithium	precip	0.027	0.047	0.038	0.038	0.022	0.026	0.015	0.015	0.044	0.041	0.025	0.035	0.0298	93
GB1055R	lithium	precip	0.025	0.035	0.056	0.033	-	0.014	0.038	0.033	0.023	0.107	0.024	0.033	0.0432	91
BE0014R	manganese	precip	2.344	1.796	6.623	4.977	2.096	2.015	3.659	6.084	2.864	1.286	1.364	0.691	2.444	100
CZ0003R	manganese	precip	1.830	1.828	4.168	1.260	1.067	6.311	4.522	4.325	1.722	1.320	0.942	0.881	2.736	98
CZ0005R	manganese	precip	0.409	0.938	1.125	1.875	2.060	4.741	1.934	1.647	1.380	1.049	0.358	0.329	1.527	95
DE0001R	manganese	precip	0.878	0.679	0.725	9.307	1.293	3.706	1.726	1.401	0.455	0.617	0.455	0.806	1.019	100
DE0002R	manganese	precip	0.830	2.112	1.778	12.462	4.082	5.376	2.533	4.451	1.841	0.597	0.631	0.708	2.610	100
DE0003R	manganese	precip	0.430	3.266	1.063	1.524	0.837	2.161	1.312	1.242	0.481	1.196	0.299	0.691	1.089	100
DE0007R	manganese	precip	1.490	7.714	9.837	22.553	6.602	4.229	2.730	1.615	2.914	7.138	0.875	0.875	4.331	100
DE0008R	manganese	precip	0.364	1.142	1.283	5.104	1.176	8.447	7.982	3.443	1.675	0.352	0.676	0.507	1.525	100
DE0009R	manganese	precip	2.283	1.240	1.929	17.657	2.437	8.169	2.456	2.480	1.468	1.189	1.030	1.186	2.994	100
EE0011R	manganese	precip	0.529	0.060	0.369	17.166	3.727	1.042	0.970	1.290	1.400	1.301	0.570	0.728	1.210	100
FI0018R	manganese	precip	0.412	1.379	1.343	14.357	3.901	12.349	0.964	2.805	3.877	0.909	3.942	0.670	2.342	100
FI0036R	manganese	precip	0.508	0.927	1.155	0.992	0.760	4.867	1.970	1.971	1.131	0.254	0.343	0.210	1.448	100
FI0050R	manganese	precip	0.587	1.422	2.981	4.803	4.756	5.045	4.239	2.162	1.688	1.406	0.706	0.617	2.227	100
FI0053R	manganese	precip	2.321	1.220	1.510	8.095	4.610	2.573	1.082	1.496	1.528	0.929	0.907	0.820	1.794	100
FI0092R	manganese	precip	0.238	0.809	1.307	1.478	2.523	6.887	1.314	4.164	0.999	0.677	0.554	0.244	1.485	100
FI0093R	manganese	precip	0.442	3.152	3.595	18.638	4.798	7.909	1.248	3.059	1.880	0.629	0.422	0.558	2.143	100
GB0048R	manganese	precip	0.557	0.703	0.628	1.702	0.978	1.551	2.358	0.910	0.843	0.348	0.370	0.255	0.969	93
GB1055R	manganese	precip	0.625	0.739	1.662	1.667	-	0.942	4.946	2.689	2.017	2.307	0.548	0.553	1.444	91
IS0091R	manganese	precip	4.679	0.800	0.800	8.904	5.300	-	2.903	8.300	2.308	2.470	1.100	0.323	3.866	93
NO0001R	manganese	precip	0.572	0.395	0.299	14.081	2.535	2.187	2.289	0.686	1.457	0.598	0.551	0.529	1.376	100
SE0005R	manganese	precip	0.000	0.000	0.000	5.786	2.000	4.219	3.059	1.700	1.025	2.900	1.068	3.926	2.069	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
SE0014R	manganese	precip	0.200	0.102	0.100	14.896	4.700	4.187	3.244	1.600	2.460	2.500	2.500	0.950	2.421	100
SE0020R	manganese	precip	0.234	0.292	0.200	55.791	16.437	5.800	6.759	44.873	3.291	2.848	1.300	1.100	10.672	100
SE0022R	manganese	precip	0.011	0.100	0.100	11.957	4.503	8.200	1.117	0.750	3.500	0.613	0.655	0.400	1.487	100
SI0008R	manganese	precip	0.865	1.204	2.797	4.708	2.318	8.606	1.733	3.148	1.541	1.240	0.913	0.369	2.114	100
CZ0003R	mercury	precip	15.45	16.13	23.78	17.50	29.42	19.17	9.70	6.40	6.54	5.16	7.68	9.39	13.60	85
DE0001R	mercury	precip	4.48	4.82	3.44	15.15	5.51	8.56	6.42	7.24	3.32	3.26	3.41	2.77	4.44	100
DE0002R	mercury	precip	3.02	3.64	5.38	7.13	8.35	10.18	10.25	13.53	5.32	4.63	4.30	3.81	6.45	100
DE0003R	mercury	precip	4.57	5.42	6.01	5.85	4.20	8.44	6.47	12.18	3.78	5.83	3.20	3.44	5.67	100
DE0008R	mercury	precip	3.15	5.38	4.78	5.12	6.35	13.64	9.69	8.53	3.49	3.18	2.92	2.57	4.64	100
DE0009R	mercury	precip	4.53	4.57	4.79	13.72	9.52	13.22	13.95	7.70	3.82	5.00	3.13	3.57	6.83	100
EE0009R	mercury	precip	2.50	2.50	19.76	2.92	2.50	2.50	2.50	6.98	2.55	2.50	2.50	2.50	3.86	100
ES0008R	mercury	precip	22.10	42.77	59.42	5.65	5.01	13.24	27.05	-	-	2.50	2.50	2.50	12.09	100
FI0018R	mercury	precip	1.01	6.92	5.02	22.14	6.02	16.44	6.03	6.99	5.02	5.00	1.04	1.00	4.53	100
FI0036R	mercury	precip	5.21	9.44	10.58	2.73	41.78	48.09	7.47	20.00	45.68	15.41	16.61	35.20	11.31	100
FI0050R	mercury	precip	1.19	5.04	9.00	14.17	8.00	11.47	8.02	4.41	4.96	5.98	1.01	1.03	5.04	100
FI0093R	mercury	precip	4.00	2.03	2.00	15.55	7.13	15.00	3.06	4.98	4.02	4.99	1.03	1.96	4.07	100
GB0013R	mercury	precip	4.61	3.15	3.84	2.13	9.55	5.00	-	5.00	3.63	2.00	2.00	2.18	3.09	100
GB0017R	mercury	precip	5.03	4.07	3.04	3.00	5.40	6.00	8.00	8.00	6.00	3.46	3.90	3.00	4.19	100
GB0048R	mercury	precip	6.77	4.11	4.93	4.00	5.00	8.37	6.20	-	3.00	3.00	3.00	3.00	4.41	100
GB1055R	mercury	precip	4.00	3.92	3.00	8.52	7.07	-	-	4.00	3.73	2.93	1.15	2.00	3.13	100
LV0010R	mercury	precip	-	-	2.25	7.71	43.67	-	10.43	3.00	8.17	4.64	6.22	13.17	9.91	81
NL0091R	mercury	precip	8.25	7.99	7.07	14.33	19.49	16.70	18.31	20.70	12.12	6.81	4.46	4.65	10.95	97
NO0001R	mercury	precip	14.00	2.28	2.80	13.40	6.10	6.00	4.14	2.61	2.67	2.58	1.77	0.95	3.81	100
PL0005R	mercury	precip	1.10	1.96	1.42	2.77	3.50	4.95	1.69	1.50	0.63	0.90	0.82	0.90	1.95	100
SE0005R	mercury	precip	18.94	10.33	14.33	7.60	7.25	7.51	13.66	3.74	2.61	5.75	4.73	2.94	6.39	100
SE0014R	mercury	precip	4.60	5.18	4.15	14.97	9.40	7.92	8.65	5.55	5.01	3.17	3.72	4.91	5.80	100
SE0020R	mercury	precip	6.10	7.25	6.83	16.75	11.43	13.77	6.15	7.72	5.63	4.51	5.27	4.61	7.05	100
SI0008R	mercury	precip	5.44	2.14	4.65	2.46	1.31	14.77	5.35	0.95	6.38	12.14	0.67	2.41	3.95	100
DE0001R	molybdenum	precip	0.040	0.079	0.040	0.123	0.030	0.033	0.034	0.041	0.019	0.025	0.024	0.041	0.033	100
DE0002R	molybdenum	precip	0.039	0.052	0.042	0.066	0.056	0.054	0.053	0.058	0.026	0.032	0.033	0.034	0.042	100
DE0003R	molybdenum	precip	0.028	0.037	0.019	0.032	0.042	0.029	0.022	0.015	0.027	0.028	0.026	0.017	0.027	100
DE0007R	molybdenum	precip	0.040	0.038	0.034	0.096	0.036	0.037	0.030	0.025	0.016	0.026	0.017	0.020	0.029	100
DE0008R	molybdenum	precip	0.060	0.073	0.049	0.082	0.033	0.072	0.049	0.040	0.030	0.020	0.039	0.026	0.041	100
DE0009R	molybdenum	precip	0.031	0.028	0.025	0.053	0.040	0.043	0.031	0.030	0.019	0.021	0.021	0.025	0.029	100
GB0048R	molybdenum	precip	0.015	0.017	0.023	0.035	0.024	0.027	0.018	0.015	0.015	0.034	0.019	0.015	0.021	94
GB1055R	molybdenum	precip	0.015	0.015	0.015	0.030	0.015	0.017	0.015	0.015	0.017	0.015	0.015	0.015	0.016	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
BE0014R	nickel	precip	0.354	0.164	0.211	0.340	0.428	0.187	0.273	0.240	0.241	0.139	0.196	0.134	0.212	100
CZ0003R	nickel	precip	0.275	0.301	5.316	1.652	3.754	1.891	0.698	0.248	0.222	0.612	0.176	0.671	1.528	98
CZ0005R	nickel	precip	0.033	0.090	0.074	0.260	0.217	0.357	0.182	0.169	0.449	0.120	0.068	0.044	0.156	95
DE0001R	nickel	precip	0.123	0.088	0.087	0.321	0.090	0.160	0.106	0.095	0.054	0.072	0.062	0.089	0.084	100
DE0002R	nickel	precip	0.063	0.073	0.057	0.196	0.094	0.168	0.073	0.095	0.028	0.027	0.031	0.029	0.069	100
DE0003R	nickel	precip	0.052	0.096	0.056	0.102	0.064	0.120	0.077	0.083	0.040	0.061	0.033	0.041	0.066	100
DE0007R	nickel	precip	0.112	0.133	0.103	0.379	0.147	0.183	0.115	0.113	0.075	0.095	0.073	0.079	0.119	100
DE0008R	nickel	precip	0.051	0.259	0.079	0.574	0.146	0.472	0.223	0.278	0.465	0.084	0.188	0.099	0.170	100
DK0005R	nickel	precip	0.145	0.347	0.159	0.437	0.395	0.422	0.962	0.241	0.181	0.324	0.225	0.086	0.286	100
DK0008R	nickel	precip	0.113	0.180	0.224	0.710	0.716	1.236	6.148	0.240	0.246	0.351	0.302	0.227	0.983	98
DK0012R	nickel	precip	0.077	0.095	0.262	0.293	0.399	0.222	0.378	0.141	0.085	0.115	0.133	0.082	0.168	100
DK0022R	nickel	precip	0.092	0.582	0.185	2.775	0.318	1.701	0.879	0.135	0.482	0.225	0.242	0.111	0.310	100
EE0009R	nickel	precip	0.382	0.272	0.349	0.057	1.726	1.298	1.468	0.246	0.379	0.052	1.409	0.195	0.531	100
EE0011R	nickel	precip	1.488	0.080	0.050	1.120	1.899	1.511	0.053	0.050	0.050	0.437	0.450	0.055	0.423	100
ES0008R	nickel	precip	0.510	0.510	0.510	0.510	1.141	0.537	1.676	-	-	2.745	6.390	4.232	2.947	100
ES0009R	nickel	precip	2.252	0.838	12.036	1.153	1.620	2.415	2.739	0.762	1.020	0.523	0.510	0.510	1.063	100
FI0018R	nickel	precip	0.326	0.766	0.523	0.361	0.233	0.404	0.390	0.631	0.114	0.070	0.224	0.104	0.291	100
FI0036R	nickel	precip	0.970	0.186	0.226	0.500	1.137	0.406	0.188	0.229	0.077	0.097	0.257	0.095	0.349	100
FI0050R	nickel	precip	0.200	0.394	0.339	0.388	0.195	0.391	0.441	0.291	0.081	0.094	0.138	0.279	0.243	100
FI0053R	nickel	precip	0.352	0.236	0.336	0.458	0.966	0.212	0.410	0.304	0.090	0.090	0.129	0.771	0.305	100
FI0092R	nickel	precip	0.823	0.359	0.411	0.160	0.282	0.483	0.362	0.604	0.075	0.076	0.082	0.054	0.235	93
FI0093R	nickel	precip	0.357	0.415	0.200	0.356	0.447	0.301	0.296	0.140	0.104	0.063	0.081	0.178	0.215	100
FR0008R	nickel	precip_tot	0.132	0.284	0.127	0.158	0.187	0.324	0.316	1.253	0.652	0.085	0.190	0.190	0.359	84
FR0009R	nickel	precip_tot	0.201	0.163	0.280	0.411	0.524	0.490	0.519	0.366	0.258	0.100	0.126	0.115	0.298	99
FR0013R	nickel	precip_tot	0.103	0.205	0.415	0.275	0.303	0.480	0.462	0.336	0.532	0.227	0.067	0.058	0.310	84
FR0023R	nickel	precip_tot	0.345	0.133	0.404	0.268	0.593	2.341	3.214	1.864	0.533	0.124	0.054	0.058	0.836	100
FR0024R	nickel	precip_tot	3.295	0.372	1.113	1.228	0.591	3.142	4.087	1.233	0.588	0.174	0.336	0.378	1.465	92
FR0025R	nickel	precip_tot	0.194	0.195	0.473	0.737	0.328	0.940	1.145	0.826	0.542	0.220	0.277	0.295	0.536	92
FR0090R	nickel	precip	0.330	0.271	0.280	0.418	0.342	0.310	0.519	0.341	0.281	0.250	0.260	0.221	0.291	100
GB0006R	nickel	precip	-	0.036	0.036	-	-	0.033	0.052	0.094	0.035	0.028	0.060	0.030	0.051	77
GB0013R	nickel	precip	0.100	0.119	0.367	0.216	-	0.361	1.233	0.160	0.284	0.154	0.100	0.073	0.202	87
GB0017R	nickel	precip	0.199	0.199	0.126	0.124	-	-	-	-	0.109	0.073	0.066	0.079	0.109	56
GB0048R	nickel	precip	0.229	0.079	0.393	0.389	0.170	0.147	0.246	0.515	0.203	0.096	0.183	0.037	0.239	93
GB1055R	nickel	precip	0.100	0.116	0.176	0.117	-	0.100	0.164	0.143	0.175	0.173	0.119	0.070	0.132	91
IS0091R	nickel	precip	0.462	0.600	0.600	0.635	1.380	-	0.957	1.320	0.344	0.318	0.230	0.065	0.625	93
LV0010R	nickel	precip	-	-	0.450	0.450	1.012	0.634	0.450	1.545	0.450	0.450	0.450	0.450	0.548	95
NL0010R	nickel	precip	0.188	0.096	0.113	0.740	0.365	0.464	0.320	0.293	0.134	0.197	0.198	0.120	0.230	96

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
NL0091R	nickel	precip	0.592	0.130	0.186	0.975	0.375	0.254	0.205	0.279	0.164	0.155	0.135	0.116	0.227	91
NO0001R	nickel	precip	0.187	0.156	0.087	0.291	0.215	0.161	0.187	0.059	0.164	0.112	0.136	0.271	0.155	100
PL0004R	nickel	precip	0.150	0.110	0.110	0.762	0.102	0.139	0.070	0.080	0.100	0.080	0.070	0.090	0.103	100
PL0005R	nickel	precip	1.300	1.145	0.715	1.845	0.400	0.584	0.100	0.100	0.076	0.700	0.583	0.304	0.555	88
SE0005R	nickel	precip	0.118	0.087	0.060	0.357	0.030	0.048	0.149	0.100	0.168	0.070	0.087	0.133	0.093	100
SE0014R	nickel	precip	0.220	0.034	0.042	0.269	0.060	0.154	0.121	0.100	0.090	0.080	0.080	0.090	0.090	100
SE0020R	nickel	precip	0.097	0.105	0.050	0.370	1.018	0.340	0.093	0.423	0.158	0.090	0.090	0.160	0.224	100
SE0022R	nickel	precip	0.030	0.030	0.030	1.543	0.085	0.170	0.049	0.123	0.170	0.105	0.037	0.050	0.090	100
SI0008R	nickel	precip	0.050	0.268	0.156	0.050	0.025	0.179	0.095	0.051	0.093	0.149	0.038	0.018	0.075	100
SK0002R	nickel	precip	0.940	0.273	0.446	0.373	0.090	0.090	0.090	0.154	0.351	0.414	0.228	0.090	0.289	100
SK0004R	nickel	precip	0.679	1.252	0.684	1.739	0.270	0.440	4.677	0.090	0.988	0.505	0.200	0.090	0.997	100
SK0006R	nickel	precip	0.946	2.531	0.760	0.790	0.819	0.453	0.392	0.836	0.864	0.456	0.484	0.500	0.717	100
SK0007R	nickel	precip	0.506	0.460	0.458	1.113	0.090	0.278	2.063	0.090	0.551	0.090	0.090	0.090	0.432	100
CZ0003R	selenium	precip	0.148	0.158	0.186	0.131	0.157	0.185	0.134	0.134	0.139	0.131	0.131	0.148	0.149	98
CZ0005R	selenium	precip	0.131	0.140	0.131	0.137	0.131	0.131	0.131	0.131	0.156	0.133	0.131	0.131	0.133	95
DE0001R	selenium	precip	0.118	0.095	0.075	0.334	0.139	0.088	0.109	0.092	0.065	0.081	0.074	0.118	0.088	100
DE0002R	selenium	precip	0.126	0.097	0.090	0.099	0.093	0.104	0.120	0.103	0.052	0.054	0.075	0.055	0.084	100
DE0003R	selenium	precip	0.054	0.045	0.035	0.064	0.077	0.040	0.075	0.052	0.044	0.030	0.022	0.025	0.046	100
DE0007R	selenium	precip	0.077	0.081	0.069	0.157	0.090	0.106	0.084	0.085	0.043	0.044	0.069	0.054	0.075	100
DE0008R	selenium	precip	0.070	0.116	0.082	0.118	0.121	0.129	0.091	0.083	0.088	0.052	0.090	0.076	0.083	100
DE0009R	selenium	precip	0.087	0.076	0.060	0.157	0.114	0.122	0.125	0.083	0.071	0.069	0.082	0.067	0.088	100
GB0048R	selenium	precip	0.076	0.081	0.043	0.144	0.139	0.151	0.094	0.036	0.034	0.082	0.019	0.020	0.072	93
GB1055R	selenium	precip	0.023	0.053	0.138	0.137	-	0.099	0.056	0.107	0.079	0.061	0.058	0.024	0.069	93
GB0048R	strontium	precip	1.889	1.898	1.476	1.174	0.849	1.011	0.721	0.323	0.582	0.775	1.118	1.250	0.990	100
GB1055R	strontium	precip	1.790	1.471	2.400	1.585	2.014	0.492	2.542	1.272	0.821	1.299	1.104	1.509	1.333	100
DE0001R	thallium	precip	0.003	0.004	0.002	0.020	0.003	0.004	0.003	0.003	0.002	0.002	0.004	0.004	0.003	100
DE0002R	thallium	precip	0.004	0.004	0.003	0.006	0.003	0.004	0.004	0.003	0.002	0.002	0.004	0.002	0.003	100
DE0003R	thallium	precip	0.003	0.003	0.001	0.003	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.002	100
DE0007R	thallium	precip	0.004	0.003	0.003	0.010	0.003	0.005	0.002	0.002	0.001	0.001	0.005	0.002	0.003	100
DE0008R	thallium	precip	0.002	0.004	0.003	0.005	0.003	0.005	0.003	0.002	0.001	0.001	0.002	0.002	0.002	100
DE0009R	thallium	precip	0.006	0.003	0.003	0.010	0.004	0.008	0.004	0.004	0.002	0.002	0.005	0.002	0.004	100
GB0048R	tin	precip	0.077	0.068	0.057	0.146	0.045	0.054	0.039	0.043	0.032	0.058	0.035	0.060	0.052	93
GB1055R	tin	precip	0.054	0.065	0.032	0.142	-	0.073	0.048	0.012	0.040	0.022	0.030	0.036	0.042	91
DE0001R	titanium	precip	0.304	0.186	0.208	2.454	0.353	0.850	0.488	0.378	0.104	0.129	0.145	0.197	0.260	100
DE0002R	titanium	precip	0.234	0.416	0.407	2.529	1.159	0.898	0.626	0.967	0.496	0.203	0.184	0.188	0.593	100
DE0003R	titanium	precip	0.145	0.284	0.253	0.543	0.193	0.379	0.291	0.371	0.124	0.473	0.114	0.177	0.275	100

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DE0007R	titanium	precip	0.218	0.543	0.484	2.071	0.676	0.672	0.633	0.404	0.357	0.182	0.191	0.187	0.446	100
DE0008R	titanium	precip	0.070	0.210	0.254	1.263	0.220	1.281	0.725	0.582	0.309	0.098	0.150	0.130	0.265	100
DE0009R	titanium	precip	0.344	0.183	0.205	4.036	0.496	0.997	0.497	0.653	0.297	0.164	0.224	0.234	0.526	100
GB0048R	titanium	precip	0.062	0.201	0.146	0.198	0.186	0.322	0.246	0.218	0.124	0.050	0.048	0.047	0.165	93
GB1055R	titanium	precip	0.099	0.235	0.256	0.187	-	0.222	0.500	0.325	0.268	0.138	0.080	0.045	0.177	91
GB0048R	tungsten	precip	0.006	0.007	0.011	0.021	0.005	0.008	0.010	0.006	0.007	0.027	0.007	0.011	0.011	95
GB1055R	tungsten	precip	0.005	0.005	0.005	0.005	0.005	0.007	0.016	0.005	0.008	0.005	0.005	0.005	0.006	97
GB0048R	uranium	precip	0.001	0.002	0.003	0.005	0.001	0.003	0.002	0.001	0.001	0.003	0.001	0.001	0.002	97
GB1055R	uranium	precip	0.001	0.001	0.001	0.002	0.001	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	99
CZ0003R	vanadium	precip	0.067	0.192	0.174	0.086	0.086	0.403	0.261	0.199	0.125	0.136	0.106	0.100	0.162	98
CZ0005R	vanadium	precip	0.036	0.111	0.060	0.136	0.110	0.386	0.159	0.177	0.161	0.106	0.046	0.033	0.128	95
DE0001R	vanadium	precip	0.158	0.122	0.127	0.485	0.158	0.306	0.180	0.133	0.070	0.138	0.097	0.135	0.135	100
DE0002R	vanadium	precip	0.129	0.187	0.157	0.907	0.438	0.373	0.223	0.357	0.174	0.072	0.048	0.059	0.221	100
DE0003R	vanadium	precip	0.042	0.080	0.055	0.095	0.066	0.192	0.096	0.144	0.053	0.079	0.026	0.040	0.078	100
DE0007R	vanadium	precip	0.105	0.138	0.128	0.575	0.204	0.230	0.121	0.103	0.073	0.059	0.049	0.051	0.126	100
DE0008R	vanadium	precip	0.039	0.117	0.083	0.194	0.069	0.357	0.124	0.109	0.074	0.042	0.038	0.041	0.073	100
DE0009R	vanadium	precip	0.174	0.182	0.129	0.728	0.237	0.315	0.225	0.184	0.145	0.207	0.255	0.085	0.214	100
FI0018R	vanadium	precip	0.198	0.379	0.292	0.484	0.200	0.322	0.047	0.143	0.174	0.136	0.427	0.237	0.228	100
FI0036R	vanadium	precip	0.035	0.088	0.146	0.078	0.135	0.101	0.067	0.042	0.075	0.151	0.065	0.054	0.086	100
FI0050R	vanadium	precip	0.083	0.201	0.300	0.251	0.133	0.189	0.090	0.115	0.086	0.142	0.089	0.075	0.121	100
FI0053R	vanadium	precip	0.799	0.382	0.372	0.400	0.717	0.198	0.100	0.166	0.198	0.162	0.319	0.229	0.280	100
FI0092R	vanadium	precip	0.090	0.110	0.164	0.127	0.088	0.171	0.090	0.111	0.071	0.119	0.158	0.073	0.111	100
FI0093R	vanadium	precip	0.088	0.191	0.164	0.329	0.109	0.273	0.070	0.109	0.087	0.103	0.096	0.119	0.118	100
FR0090R	vanadium	precip	0.380	0.302	0.399	0.341	0.262	0.270	0.936	0.273	0.191	0.160	0.170	0.356	0.274	100
GB0048R	vanadium	precip	0.115	0.124	0.074	0.151	0.089	0.721	0.452	0.074	0.102	0.050	0.054	0.073	0.202	93
GB1055R	vanadium	precip	0.162	0.233	0.282	0.193	-	0.307	0.281	0.209	0.195	0.276	0.113	0.141	0.214	91
IS0091R	vanadium	precip	1.101	0.240	0.240	1.431	1.130	-	0.411	0.980	0.391	0.522	0.170	0.053	0.680	93
NL0010R	vanadium	precip	0.182	0.120	0.234	1.077	0.729	0.835	0.680	0.513	0.222	0.124	0.103	0.100	0.318	96
NL0091R	vanadium	precip	0.251	0.143	0.169	0.290	0.393	0.165	0.128	0.162	0.183	0.129	0.118	0.096	0.161	100
NO0001R	vanadium	precip	0.145	0.132	0.094	0.431	0.170	0.255	0.192	0.094	0.175	0.120	0.108	0.150	0.150	100
SE0005R	vanadium	precip	1.929	3.497	5.150	0.606	0.080	0.089	0.071	0.060	0.031	0.060	0.069	0.027	0.429	100
SE0014R	vanadium	precip	4.420	0.636	0.589	0.522	0.140	0.234	0.166	0.130	0.121	0.141	0.150	0.160	0.376	100
SE0020R	vanadium	precip	1.465	1.011	1.020	0.466	0.282	0.290	0.160	0.166	0.209	0.175	0.220	0.160	0.442	100
SE0022R	vanadium	precip	0.595	0.338	0.510	0.428	0.138	0.280	0.064	0.084	0.150	0.123	0.120	0.050	0.155	100
SI0008R	vanadium	precip	0.186	0.641	0.546	0.302	0.159	0.470	0.236	0.248	0.169	0.300	0.129	0.071	0.238	100
BE0014R	zinc	precip	7.952	6.921	8.569	11.217	5.644	8.238	5.397	10.168	4.312	3.378	4.449	6.613	6.216	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
CZ0003R	zinc	precip	9.001	8.254	17.649	4.456	9.659	17.126	19.787	9.084	5.602	10.746	8.718	22.887	11.955	98
CZ0005R	zinc	precip	2.631	5.264	4.183	6.188	7.901	6.324	4.414	3.932	4.468	5.313	4.031	3.371	4.668	95
DE0001R	zinc	precip	1.849	2.928	1.723	11.426	2.289	3.093	2.513	3.227	1.106	1.171	1.851	2.203	1.956	100
DE0002R	zinc	precip	2.740	3.458	2.810	6.657	3.699	2.934	3.464	4.542	2.091	1.818	2.879	2.657	2.980	100
DE0003R	zinc	precip	1.723	2.308	1.723	2.826	2.225	2.071	1.801	1.299	0.844	2.291	3.660	1.716	2.000	100
DE0007R	zinc	precip	3.335	4.466	4.395	9.840	3.797	3.368	5.501	3.505	1.644	3.252	2.956	2.304	3.490	100
DE0008R	zinc	precip	4.036	9.532	15.245	16.830	3.581	17.875	26.941	13.955	10.401	4.814	4.959	6.652	8.500	100
DE0009R	zinc	precip	2.316	2.508	1.784	7.152	2.715	3.534	3.200	2.641	1.794	1.997	2.565	2.129	2.575	100
DK0005R	zinc	precip	15.642	41.385	8.922	15.670	11.981	18.416	57.840	14.939	7.011	15.153	18.762	7.688	16.247	100
DK0008R	zinc	precip	7.961	13.264	14.337	32.286	32.832	66.314	141.718	9.741	14.532	17.480	18.023	8.846	32.541	98
DK0012R	zinc	precip	13.982	6.251	13.690	9.738	19.337	10.015	16.984	5.667	3.731	7.383	6.999	6.602	9.193	100
DK0022R	zinc	precip	6.755	14.661	9.098	32.800	14.865	53.489	54.074	5.051	23.351	20.247	18.266	6.793	12.174	100
EE0009R	zinc	precip	49.754	19.030	102.170	4.428	4.853	16.087	5.214	6.921	2.575	2.301	6.558	2.696	14.251	100
EE0011R	zinc	precip	12.431	4.261	1.411	10.470	17.990	6.219	1.010	2.552	1.803	3.090	4.074	1.631	4.154	100
ES0008R	zinc	precip	48.02	31.86	35.29	78.75	38.72	56.93	42.40	-	-	20.85	28.09	22.85	37.92	100
ES0009R	zinc	precip	127.45	22.57	88.36	25.28	30.56	60.47	109.63	30.09	41.85	29.03	19.86	119.84	41.49	100
FI0018R	zinc	precip	2.425	5.443	4.734	8.845	3.696	6.971	1.747	4.370	3.181	1.231	8.164	2.817	3.705	100
FI0036R	zinc	precip	1.407	0.694	0.967	1.555	0.795	2.870	1.596	3.091	1.164	0.672	0.544	0.519	1.429	100
FI0050R	zinc	precip	1.638	3.423	6.402	7.376	3.903	3.442	4.502	2.044	1.933	26.120	1.994	1.459	4.304	100
FI0053R	zinc	precip	4.310	2.303	3.312	8.823	3.065	2.201	1.241	1.808	1.828	1.412	2.887	2.902	2.352	100
FI0092R	zinc	precip	1.515	1.668	2.437	1.615	1.779	2.818	0.885	5.787	1.475	0.936	2.682	0.758	1.792	100
FI0093R	zinc	precip	1.008	3.295	2.799	6.741	4.164	4.357	2.796	3.042	1.840	1.042	2.104	1.457	2.320	100
FR0090R	zinc	precip	9.624	4.410	6.467	6.994	12.594	6.248	20.854	7.662	5.524	4.805	6.379	5.324	6.801	100
GB0006R	zinc	precip	-	1.378	1.378	-	-	1.041	1.079	0.562	0.500	0.500	1.249	0.584	0.883	77
GB0013R	zinc	precip	2.756	2.334	3.845	4.927	-	9.508	9.445	1.392	3.037	3.292	2.663	0.553	2.847	87
GB0017R	zinc	precip	17.675	17.675	4.780	4.352	-	-	-	-	2.474	2.058	2.052	3.198	5.026	56
GB0048R	zinc	precip	7.982	3.822	6.212	12.913	5.939	8.172	4.383	5.847	3.697	8.019	3.126	0.886	5.639	93
GB1055R	zinc	precip	4.067	4.216	3.270	6.187	-	4.432	6.596	2.605	3.829	2.877	4.559	2.625	3.673	91
IS0091R	zinc	precip	12.488	5.000	5.000	12.762	25.600	-	10.292	15.100	15.003	8.203	3.800	3.703	11.599	93
NL0010R	zinc	precip	6.146	6.486	11.671	25.532	17.292	23.011	19.750	15.873	7.816	9.250	6.251	6.020	11.466	96
NL0091R	zinc	precip	3.285	1.948	2.306	5.195	10.470	5.051	2.220	1.588	2.206	1.719	2.943	1.693	2.812	100
NO0001R	zinc	precip	8.157	3.736	1.356	8.678	3.956	3.717	3.783	1.601	3.480	2.251	1.928	2.377	3.059	100
NO0039R	zinc	precip	1.666	2.664	1.888	3.328	4.657	4.600	1.242	3.555	0.810	5.511	3.174	4.408	2.588	98
NO0056R	zinc	precip	2.499	3.698	2.145	13.160	5.417	3.572	8.374	2.685	2.887	2.082	3.871	3.803	3.753	100
PL0004R	zinc	precip	2.766	2.433	2.131	14.894	4.587	2.061	2.489	2.639	1.447	1.192	1.595	1.394	2.243	100
PL0005R	zinc	precip	3.000	6.480	3.652	18.669	5.000	6.839	5.859	4.000	4.871	0.500	8.709	4.605	4.895	100
SE0005R	zinc	precip	3.045	3.138	1.600	8.891	1.680	13.697	3.456	1.260	1.241	2.480	3.885	4.545	4.055	100
SE0014R	zinc	precip	20.690	1.664	1.005	9.384	3.840	3.541	3.477	2.090	2.009	4.798	4.700	2.656	3.579	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
SE0020R	zinc	precip	6.280	4.471	2.300	69.601	6.103	3.030	2.410	4.927	3.178	5.145	5.710	3.650	5.793	100
SE0022R	zinc	precip	3.081	1.704	1.230	9.583	4.202	7.530	4.676	1.176	4.590	1.790	3.026	1.360	2.756	100
SI0008R	zinc	precip	1.486	2.391	2.270	3.513	1.914	3.034	3.864	1.624	2.311	2.298	0.729	0.494	2.001	100
SK0002R	zinc	precip	24.450	41.480	23.320	17.640	26.540	1.970	31.980	24.860	13.100	5.680	29.750	2.210	21.003	100
SK0004R	zinc	precip	20.820	34.230	10.880	25.960	20.620	9.370	19.810	3.690	5.990	7.180	3.410	7.550	10.624	100
SK0006R	zinc	precip	18.348	30.592	22.607	18.985	16.623	13.279	14.834	27.133	26.213	29.133	23.621	10.342	20.110	100
SK0007R	zinc	precip	39.350	141.680	20.240	37.030	83.470	152.410	60.260	40.140	14.140	29.890	69.350	12.530	49.934	100
BE0014R	amount	precip	41	42	61	20	41	83	33	27	63	122	78	93	705	100
CZ0003R	mm (Hg)	precip	82	25	58	13	99	58	45	100	35	47	43	26	631	100
CZ0003R	amount	precip	76	30	59	12	104	42	64	96	31	44	47	25	631	100
CZ0005R	amount	precip	172	58	112	27	87	107	54	80	42	79	38	77	934	100
DE0001R	mm (Hg)	precip	30	44	88	10	30	55	54	80	171	181	112	62	916	100
DE0001R	amount	precip	26	41	80	8	27	53	50	73	165	187	106	55	872	100
DE0002R	mm (Hg)	precip	38	21	66	30	41	58	68	26	70	97	47	54	617	100
DE0002R	amount	precip	31	18	57	28	40	58	67	26	69	97	47	44	582	100
DE0003R	mm (Hg)	precip	160	67	151	105	197	141	116	133	130	213	116	196	1725	100
DE0003R	amount	precip	157	64	147	94	183	134	108	125	125	202	110	186	1636	99
DE0007R	amount	precip	33	25	50	10	34	111	54	74	70	79	50	47	639	100
DE0008R	mm (Hg)	precip	203	37	117	34	147	30	49	77	96	216	76	130	1211	100
DE0008R	amount	precip	210	41	131	32	144	29	47	74	99	217	77	120	1223	100
DE0009R	mm (Hg)	precip	39	33	41	18	59	65	24	81	96	65	51	30	602	100
DE0009R	amount	precip	34	29	43	15	52	73	21	83	91	66	47	27	580	100
DK0005R	amount	precip	35	27	28	67	17	9	15	26	91	54	54	23	446	100
DK0008R	amount	precip	49	32	87	14	57	43	68	61	64	77	68	35	655	99
DK0012R	amount	precip	67	55	137	10	57	42	81	111	162	168	95	89	1073	100
DK0022R	amount	precip	63	16	63	16	38	3	12	113	16	32	20	55	447	100
EE0009R	amount	precip	79	46	40	18	83	48	45	103	109	195	22	61	848	100
EE0011R	amount	precip	55	29	83	6	36	15	79	29	98	136	57	50	674	100
ES0008R	mm (Hg)	precip	175	61	37	77	52	75	8	0	0	76	299	116	976	56
ES0008R	amount	precip	226	70	33	86	58	78	20	0	0	85	339	141	1136	56
ES0009R	amount	precip	34	5	9	70	17	5	19	27	521	44	222	27	1002	64
FI0018R	amount	precip	72	47	48	14	74	15	52	38	40	100	61	1	562	92
FI0018R	mm (Hg)	precip	73	48	47	10	74	15	53	42	34	61	62	102	621	100
FI0036R	amount	precip	33	40	28	10	69	76	48	74	77	55	41	63	614	100
FI0036R	mm (Hg)	precip	46	26	25	85	8	13	38	18	7	4	8	2	279	92
FI0050R	amount	precip	41	29	18	32	58	31	59	57	76	37	99	83	620	100
FI0050R	mm (Hg)	precip	38	30	18	30	61	34	55	74	80	29	100	83	631	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	2019 Capt
FI0053R	amount	precip	21	28	23	4	28	91	24	52	49	56	39	35	450	99
FI0092R	amount	precip	45	62	43	45	70	40	44	27	59	76	66	3	578	92
FI0093R	amount	precip	59	42	35	9	58	21	43	41	80	63	84	95	630	100
FI0093R	mm (Hg)	precip	60	42	35	9	63	25	49	46	90	68	84	94	665	100
FR0008R	amount	precip_tot	188	82	201	79	129	61	74	60	104	168	116	241	1505	99
FR0009R	amount	precip_tot	69	90	186	63	88	48	35	51	119	193	128	191	1260	99
FR0013R	amount	precip_tot	62	62	33	78	91	47	75	66	26	139	204	116	998	100
FR0023R	amount	precip_tot	20	102	45	73	89	26	13	17	38	225	218	164	1029	100
FR0024R	amount	precip_tot	25	72	54	41	75	38	25	32	69	166	168	14	780	92
FR0025R	amount	precip_tot	42	37	43	29	75	49	21	16	42	114	86	97	652	100
FR0090R	amount	precip	77	51	50	54	40	73	21	62	73	157	163	105	926	100
GB0006R	amount	precip	0	139	200	49	157	97	122	242	138	141	104	52	1441	90
GB0013R	mm (Hg)	precip	56	94	144	59	44	101	0	11	96	208	255	210	1278	83
GB0013R	amount	precip	60	80	136	65	23	113	28	124	120	120	199	198	1266	100
GB0017R	mm (Hg)	precip	30	38	55	49	36	2	24	5	76	104	95	74	587	81
GB0017R	amount	precip	24	27	47	22	22	63	44	43	92	99	85	51	619	98
GB0048R	amount	precip	17	39	108	33	50	99	93	99	69	87	100	74	868	98
GB0048R	mm (Hg)	precip	16	33	65	25	83	77	91	0	77	114	123	88	791	90
GB1055R	amount	precip	30	54	54	26	19	74	17	60	102	121	80	119	759	98
GB1055R	mm (Hg)	precip	26	59	95	36	17	0	0	10	93	142	103	130	712	75
HU0002R	amount	precip	24	15	4	33	138	193	48	53	81	27	100	50	766	84
IS0091R	amount	precip	212	87	140	175	99	24	207	120	231	185	40	93	1612	100
LV0010R	amount	precip	0	31	58	2	62	38	36	22	150	134	61	89	681	91
NL0010R	amount	precip	40	45	82	27	45	35	35	60	43	109	76	33	632	97
NL0091R	amount	precip	39	49	76	30	17	124	55	57	159	144	94	69	914	99
NL0091R	mm (Hg)	precip	33	41	67	18	24	87	46	60	84	128	66	70	723	100
NO0001R	mm (Hg)	precip	124	114	175	55	107	143	94	267	221	221	277	212	2009	100
NO0001R	amount	precip	98	89	136	57	100	132	123	253	218	213	279	216	1914	100
NO0039R	amount	precip	214	91	120	28	147	117	94	40	347	108	47	97	1450	93
NO0056R	amount	precip	46	76	109	21	139	148	76	166	167	125	176	117	1366	94
PL0004R	amount	precip	44	38	75	11	35	18	83	68	97	124	74	37	704	100
PL0005R	mm (Hg)	precip	30	13	56	11	84	56	77	57	67	51	21	41	564	99
PL0005R	amount	precip	49	21	51	10	68	54	70	51	69	50	22	40	554	99
SE0005R	mm (Hg)	precip	12	21	16	24	75	99	34	70	97	68	28	50	593	99
SE0005R	amount	precip	20	15	17	7	88	76	25	50	90	45	46	11	489	100
SE0014R	mm (Hg)	precip	38	54	75	26	77	36	55	110	57	112	61	58	759	96
SE0014R	amount	precip	18	88	80	35	48	22	33	98	72	89	71	76	730	99
SE0020R	mm (Hg)	precip	67	82	117	19	53	72	117	117	109	137	46	85	1019	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	2019 Capt
SE0020R	amount	precip	45	80	52	18	35	56	80	99	72	63	34	61	697	90
SE0022R	amount	precip	22	23	32	4	53	21	75	100	31	57	48	100	564	99
SI0008R	amount	precip	76	54	100	138	167	53	151	94	103	70	234	171	1411	100
SI0008R	amount	precip	82	55	107	130	206	34	129	132	103	78	106	40	1202	91
SK0002R	amount	precip	137	180	140	136	198	51	76	98	85	49	75	243	1467	100
SK0004R	amount	precip	28	8	31	4	68	69	86	66	70	56	116	38	642	100
SK0006R	amount	precip	78	12	30	25	89	36	49	76	44	46	62	66	614	99
SK0007R	amount	precip	37	12	16	16	61	16	35	61	51	14	33	52	403	100
ES0001R	arsenic	tot dep	-	0.060	-	0.110	-	0.020	-	-	-	0.060	-	-	-	-
ES0007R	arsenic	tot dep	-	0.020	-	0.110	-	0.020	-	-	-	0.050	-	-	-	-
ES0008R	arsenic	tot dep	-	10.270	-	13.810	-	23.330	-	-	-	36.640	-	-	-	-
ES0012R	arsenic	tot dep	-	0.030	-	0.400	-	0.060	-	-	-	0.030	-	-	-	-
ES0014R	arsenic	tot dep	-	0.020	-	0.310	-	0.030	-	-	-	0.090	-	-	-	-
ES0001R	cadmium	tot dep	-	0.010	-	0.070	-	0.001	-	-	-	0.020	-	-	-	-
ES0007R	cadmium	tot dep	-	0.010	-	0.070	-	0.002	-	-	-	0.030	-	-	-	-
ES0008R	cadmium	tot dep	-	0.090	-	0.090	-	0.160	-	-	-	0.140	-	-	-	-
ES0012R	cadmium	tot dep	-	0.010	-	0.080	-	0.020	-	-	-	0.020	-	-	-	-
ES0014R	cadmium	tot dep	-	0.010	-	0.020	-	0.004	-	-	-	0.050	-	-	-	-
ES0001R	chromium	tot dep	-	0.180	-	0.470	-	0.040	-	-	-	0.120	-	-	-	-
ES0007R	chromium	tot dep	-	0.080	-	0.460	-	0.030	-	-	-	0.220	-	-	-	-
ES0008R	chromium	tot dep	-	1.050	-	0.590	-	0.280	-	-	-	0.950	-	-	-	-
ES0012R	chromium	tot dep	-	0.110	-	0.540	-	0.180	-	-	-	0.120	-	-	-	-
ES0014R	chromium	tot dep	-	0.090	-	1.550	-	0.060	-	-	-	0.360	-	-	-	-
ES0001R	copper	tot dep	-	4.260	-	10.210	-	1.070	-	-	-	46.500	-	-	-	-
ES0007R	copper	tot dep	-	5.870	-	11.630	-	1.150	-	-	-	7.550	-	-	-	-
ES0008R	copper	tot dep	-	4.410	-	9.620	-	3.300	-	-	-	14.550	-	-	-	-
ES0012R	copper	tot dep	-	10.570	-	8.130	-	7.560	-	-	-	9.290	-	-	-	-
ES0014R	copper	tot dep	-	3.980	-	5.040	-	2.760	-	-	-	4.120	-	-	-	-
ES0001R	lead	tot dep	-	0.310	-	0.230	-	0.040	-	-	-	0.220	-	-	-	-
ES0007R	lead	tot dep	-	0.340	-	2.280	-	0.100	-	-	-	0.550	-	-	-	-
ES0008R	lead	tot dep	-	0.380	-	0.810	-	0.140	-	-	-	0.450	-	-	-	-
ES0012R	lead	tot dep	-	0.100	-	0.620	-	0.270	-	-	-	0.060	-	-	-	-
ES0014R	lead	tot dep	-	0.110	-	0.720	-	0.170	-	-	-	0.360	-	-	-	-
ES0001R	mercury	tot dep	-	1.610	-	2.500	-	0.840	-	-	-	2.350	-	-	-	-
ES0007R	mercury	tot dep	-	4.280	-	2.500	-	0.150	-	-	-	16.620	-	-	-	-
ES0008R	mercury	tot dep	-	4.220	-	2.500	-	6.140	-	-	-	20.460	-	-	-	-
ES0012R	mercury	tot dep	-	1.890	-	2.500	-	0.660	-	-	-	2.650	-	-	-	-

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capt
ES0014R	mercury	tot dep	-	0.440	-	2.500	-	0.860	-	-	-	7.780	-	-	-	-
ES0001R	nickel	tot dep	-	0.130	-	12.180	-	0.040	-	-	-	0.560	-	-	-	-
ES0007R	nickel	tot dep	-	0.380	-	2.270	-	0.140	-	-	-	1.060	-	-	-	-
ES0008R	nickel	tot dep	-	0.960	-	4.140	-	1.390	-	-	-	4.620	-	-	-	-
ES0012R	nickel	tot dep	-	0.200	-	2.650	-	0.310	-	-	-	0.600	-	-	-	-
ES0014R	nickel	tot dep	-	0.230	-	2.240	-	0.240	-	-	-	1.770	-	-	-	-
ES0001R	zinc	tot dep	-	11.060	-	57.610	-	0.680	-	-	-	90.060	-	-	-	-
ES0007R	zinc	tot dep	-	11.740	-	76.980	-	1.700	-	-	-	50.810	-	-	-	-
ES0008R	zinc	tot dep	-	22.660	-	38.470	-	73.010	-	-	-	76.540	-	-	-	-
ES0012R	zinc	tot dep	-	17.830	-	5.320	-	9.620	-	-	-	13.080	-	-	-	-
ES0014R	zinc	tot dep	-	4.460	-	4.820	-	1.870	-	-	-	3.550	-	-	-	-
IT0019R	aluminium	tot dep	1186000	4254000	1164000	3691000	349000	419000	3157000	3050000	1468000	1266000	4049000	1049000	2070611	100
IT0019R	titanium	tot dep	19300	52500	24100	62200	8200	11800	55900	61800	30400	27200	48400	18000	34804	100
IT0019R	vanadium	tot dep	3130	7160	2680	6200	1800	730	6290	5350	2710	2360	7710	2130	3992	100
IT0019R	manganes	tot dep	38100	221300	54400	52400	14300	8100	69000	72700	31900	22200	58400	26600	54621	100
IT0019R	iron	tot dep	1019000	2578000	896000	2750000	320000	306000	2045000	2151000	1005000	876000	3261000	761000	1484800	100
IT0019R	cobalt	tot dep	590	2980	670	1100	100	100	1170	1060	520	400	1000	330	819	100
IT0019R	copper	tot dep	10500	25590	11900	13730	12500	4300	13700	17900	7840	7480	10700	6660	11818	100
IT0019R	zinc	tot dep	120000	184000	80000	49000	52300	5000	229000	221200	109700	164600	395000	90900	141400	100
IT0019R	strontium	tot dep	1300	8200	12700	31400	900	3000	29600	13300	4350	5320	19300	8100	11449	100
IT0019R	molybdenu	tot dep	440	300	640	500	410	70	520	670	330	280	1080	470	477	100
IT0019R	tin	tot dep	520	390	320	420	340	100	480	840	450	330	770	290	438	100
IT0019R	antimony	tot dep	810	400	710	660	1100	100	790	820	1660	790	810	400	756	100
IT0019R	barium	tot dep	15000	53000	18400	35100	12400	5000	28000	46400	12800	11600	38600	13500	23927	100
IT0019R	lanthanum	tot dep	1150	7180	1370	3310	390	390	3230	5240	1310	940	2460	660	2267	100
IT0019R	lead	tot dep	6670	14550	5370	9900	2600	550	7160	9100	5350	4290	12300	4840	6826	100
IT0019R	chromium	tot dep	4120	7800	6230	6230	2900	820	4930	5150	2690	2910	7110	2770	4447	100
IT0019R	nickel	tot dep	2560	6780	3580	6670	2300	390	11200	15000	7050	7200	6620	3090	6040	100
IT0019R	cadmium	tot dep	20	590	100	1620	340	20	80	100	20	60	170	20	257	100
IT0019R	arsenic	tot dep	360	1180	470	910	180	100	960	1180	560	370	1020	300	628	100

Appendix F

Monthly and annual mean values for heavy metals in air

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
CY0002R	aluminium	pm10	1009	318	116	687	718	609	390	360	307	338	446	80	454	93
ES1778R	aluminium	pm10	26	214	165	64	95	584	332	303	150	163	11	43	198	25
ES1778R	aluminium	pm25	10	62	40	39	21	231	209	96	52	-	5	27	92	20
ES1778R	aluminium	pm1	9	16	6	18	14	80	80	13	17	20	14	5	28	24
FI0018R	aluminium	pm10	15	29	32	256	54	689	408	473	181	24	167	45	197	97
FI0036R	aluminium	pm10	5	17	6	49	141	22	30	17	11	3	2	1	24	97
FI0050R	aluminium	pm10	8	36	29	110	76	78	44	55	22	12	31	7	42	96
IS0091R	aluminium	aerosol	198	297	248	447	276	266	306	313	223	311	110	452	278	73
IT0019R	aluminium	pm10	14	107	74	439	22	653	367	459	209	205	15	126	226	27
NO0002R	aluminium	pm10	18	72	43	225	31	26	38	50	40	15	18	13	49	100
NO0042G	aluminium	aerosol	20	21	32	76	125	49	52	67	30	116	65	131	69	28
NO0090R	aluminium	aerosol	47	72	31	77	31	34	19	25	49	27	22	18	38	29
DE0001R	antimony	pm10	0.276	0.615	0.231	0.396	0.174	0.239	0.156	0.206	0.160	0.233	0.367	0.269	0.267	92
DE0002R	antimony	pm10	0.384	0.649	0.766	0.460	0.267	0.276	0.185	0.333	0.301	0.348	0.324	0.309	0.382	100
DE0003R	antimony	pm10	0.073	0.132	0.248	0.319	0.217	0.229	0.324	0.192	0.270	0.110	0.076	0.056	0.188	100
DE0007R	antimony	pm10	0.329	0.545	0.280	0.415	0.180	0.269	0.114	0.406	0.296	0.350	0.509	0.305	0.331	100
DE0009R	antimony	pm10	0.275	0.534	0.289	0.367	0.170	0.223	0.129	0.235	0.260	0.304	0.438	0.281	0.290	100
ES1778R	antimony	pm10	0.143	0.334	0.200	0.271	0.193	0.286	0.313	0.185	0.320	0.358	0.100	0.112	0.231	25
ES1778R	antimony	pm25	0.116	0.257	0.140	0.143	0.124	0.155	0.177	0.179	0.142	-	0.100	0.268	0.167	20
ES1778R	antimony	pm1	0.088	0.295	0.111	0.107	0.104	0.150	0.071	0.124	0.139	0.285	0.071	0.084	0.122	24
IT0019R	antimony	pm10	0.116	0.123	0.153	0.133	0.084	0.140	0.115	0.188	0.230	0.241	0.058	0.080	0.137	27
BE0014R	arsenic	pm10	0.614	0.689	0.458	0.607	0.358	0.357	0.361	0.503	0.289	0.435	0.627	0.439	0.476	96
CY0002R	arsenic	pm10	0.362	0.374	0.374	0.486	0.324	0.521	0.507	0.519	0.512	0.398	0.352	0.257	0.421	93
CZ0003R	arsenic	pm10	0.587	0.469	0.363	0.848	0.216	0.343	0.278	0.221	0.255	0.384	0.282	0.306	0.379	50
CZ0003R	arsenic	pm25	0.484	0.425	0.289	0.683	0.192	0.256	0.231	0.202	0.192	0.338	0.216	0.270	0.314	50
CZ0005R	arsenic	pm10	0.176	0.154	0.147	0.446	0.119	0.133	0.155	0.103	0.088	0.108	0.075	0.071	0.147	50
DE0001R	arsenic	pm10	0.382	0.391	0.156	0.376	0.135	0.245	0.122	0.162	0.173	0.190	0.501	0.218	0.233	92
DE0002R	arsenic	pm10	0.620	0.546	0.459	0.478	0.269	0.304	0.161	0.331	0.228	0.346	0.331	0.214	0.356	100
DE0003R	arsenic	pm10	0.039	0.067	0.104	0.213	0.093	0.098	0.120	0.108	0.097	0.051	0.031	0.030	0.088	100
DE0007R	arsenic	pm10	0.631	0.562	0.234	0.613	0.206	0.456	0.120	0.350	0.351	0.399	0.640	0.554	0.424	100
DE0009R	arsenic	pm10	0.422	0.471	0.174	0.361	0.146	0.231	0.119	0.279	0.336	0.296	0.581	0.485	0.323	100
DK0008R	arsenic	aerosol	0.257	0.318	0.127	0.287	0.186	0.227	0.165	0.218	0.148	0.148	0.361	0.321	0.231	94
DK0010G	arsenic	aerosol	0.127	0.102	0.087	0.048	-	0.006	0.016	0.005	0.002	0.007	0.006	0.102	0.051	68
DK0012R	arsenic	aerosol	0.443	0.422	0.176	0.601	0.184	0.259	0.175	0.272	0.273	0.271	0.556	0.457	0.338	92
EE0009R	arsenic	pm10	0.099	0.150	0.081	0.118	0.087	0.077	0.072	0.156	0.082	0.077	0.156	0.106	0.105	98
ES0001R	arsenic	pm10	0.160	0.192	0.177	0.133	0.153	0.264	0.260	0.228	0.204	0.164	0.050	0.146	0.178	16

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
ES0007R	arsenic	pm10	0.106	0.140	0.204	0.170	0.236	0.307	0.282	0.192	0.182	0.178	0.082	0.096	0.182	16
ES0008R	arsenic	pm10	0.112	0.164	0.187	0.169	0.132	0.141	0.234	-	-	0.224	0.050	0.124	0.154	14
ES0009R	arsenic	pm10	0.072	0.138	0.104	0.099	0.061	0.190	0.154	0.108	0.116	0.072	0.050	0.068	0.102	16
ES0014R	arsenic	pm10	0.142	0.158	0.122	0.094	0.072	0.136	0.164	0.206	0.156	0.216	0.140	0.190	0.150	17
ES1778R	arsenic	pm10	0.093	0.124	0.109	0.124	0.110	0.185	0.137	0.136	0.110	0.150	0.039	0.075	0.118	25
ES1778R	arsenic	pm25	0.070	0.093	0.058	0.067	0.081	0.102	0.107	0.074	0.098	-	0.040	0.064	0.083	20
ES1778R	arsenic	pm1	0.059	0.098	0.056	0.063	0.071	0.067	0.073	0.066	0.079	0.088	0.028	0.075	0.066	24
FI0018R	arsenic	pm10	0.125	0.212	0.124	0.173	0.164	0.180	0.481	0.209	0.164	0.152	0.296	0.177	0.206	97
FI0036R	arsenic	pm10	0.175	0.286	0.071	0.134	0.138	0.035	0.077	0.138	0.069	0.060	0.038	0.039	0.104	97
FI0050R	arsenic	pm10	0.139	0.197	0.125	0.196	0.139	0.132	0.118	0.189	0.165	0.174	0.218	0.198	0.166	96
FR0008R	arsenic	pm10	0.150	0.144	0.144	0.294	0.219	0.142	0.182	0.173	0.177	0.098	0.099	0.085	0.159	99
FR0009R	arsenic	pm10	0.312	0.236	0.230	0.450	0.239	0.211	0.307	0.181	0.212	0.161	0.213	0.133	0.240	93
FR0013R	arsenic	pm10	0.256	0.242	0.195	0.227	0.151	0.192	0.188	0.149	0.148	0.150	0.118	0.171	0.183	95
FR0023R	arsenic	pm10	0.082	0.149	0.130	0.228	0.148	0.223	0.164	0.137	0.148	0.107	0.074	0.071	0.135	96
FR0024R	arsenic	pm10	0.303	0.427	0.279	0.414	0.324	0.230	0.304	0.140	0.349	0.149	0.229	-	0.294	80
FR0025R	arsenic	pm10	0.231	0.259	0.178	0.221	0.152	0.100	0.186	0.134	0.177	0.151	0.145	0.129	0.171	100
GB0013R	arsenic	pm10	0.892	0.561	0.494	0.571	0.362	0.293	0.353	0.277	0.280	0.340	0.362	0.396	0.431	100
GB0017R	arsenic	pm10	0.784	1.108	0.725	0.578	0.287	0.321	0.333	0.403	0.467	0.598	0.757	0.659	0.581	100
GB0048R	arsenic	pm10	0.203	0.249	0.151	0.394	0.164	0.149	0.139	0.139	0.202	0.279	0.289	0.287	0.220	100
GB1055R	arsenic	pm10	0.781	0.728	0.586	1.081	0.535	0.443	0.370	0.371	0.490	0.642	0.808	0.529	0.612	100
IS0091R	arsenic	aerosol	0.020	0.040	0.032	0.105	0.072	0.040	0.055	0.070	0.059	0.048	0.023	0.064	0.052	73
IT0019R	arsenic	pm10	0.055	0.130	0.100	0.166	0.093	0.245	0.145	0.205	0.187	0.164	0.040	0.084	0.134	13
LV0010R	arsenic	pm10	0.413	0.470	0.101	0.237	0.196	0.335	0.056	0.232	0.091	0.287	0.393	0.297	0.260	50
NL0008R	arsenic	pm10	0.440	0.540	0.253	0.524	0.304	0.307	0.308	0.411	0.249	0.357	0.548	0.448	0.389	50
NL0644R	arsenic	pm25	0.441	0.486	0.304	0.484	0.246	0.190	0.226	0.329	0.349	0.278	0.403	0.513	0.351	25
NO0002R	arsenic	pm10	0.227	0.155	0.071	0.320	0.105	0.191	0.096	0.103	0.094	0.153	0.108	0.094	0.142	100
NO0042G	arsenic	aerosol	0.130	0.090	0.091	0.035	0.030	0.012	0.016	0.011	0.007	0.036	0.024	0.127	0.055	28
NO0090R	arsenic	aerosol	0.024	0.060	0.021	0.110	0.081	0.033	0.034	0.058	0.068	0.019	0.021	0.010	0.045	29
PL0005R	arsenic	pm10	0.307	0.358	0.177	0.146	0.078	0.076	0.056	0.100	0.124	0.233	0.215	0.246	0.175	86
PL0009R	arsenic	pm10	0.648	0.800	0.454	0.262	0.144	0.196	0.100	0.144	0.124	0.319	0.477	0.546	0.349	84
SE0005R	arsenic	aerosol	0.036	0.038	0.018	0.061	0.047	0.046	0.062	0.069	0.056	0.040	0.026	0.007	0.042	100
SE0014R	arsenic	aerosol	0.115	0.098	0.205	0.242	0.122	0.110	0.147	0.210	0.164	0.244	0.340	0.224	0.185	99
SE0020R	arsenic	aerosol	0.210	0.267	0.220	0.157	0.108	0.100	0.120	0.120	0.170	0.180	0.250	0.250	0.176	80
SE0022R	arsenic	aerosol	0.093	0.077	0.034	0.092	0.089	0.075	0.063	0.120	0.129	0.202	0.220	0.127	0.110	99
SI0008R	arsenic	pm10	0.226	0.283	0.109	0.435	0.134	0.128	0.114	0.204	0.179	0.068	0.068	0.116	0.170	20
SK0002R	arsenic	aerosol	0.020	0.085	0.060	0.076	0.040	0.195	0.300	0.331	0.081	0.100	0.020	0.020	0.115	93
SK0004R	arsenic	pm10	0.366	0.370	0.283	0.274	0.108	0.213	0.351	0.309	0.107	0.206	0.038	-	0.248	87
SK0006R	arsenic	pm10	0.355	0.428	0.364	0.509	0.229	0.182	0.298	0.198	0.137	0.285	0.077	0.259	0.276	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
SK0007R	arsenic	pm10	0.287	0.590	0.239	0.279	0.101	0.238	0.298	0.255	0.124	0.501	-	-	0.269	69
ES1778R	barium	pm10	1.014	1.435	1.352	1.254	1.381	4.192	2.524	1.758	1.736	2.558	0.983	1.480	1.870	25
ES1778R	barium	pm25	0.604	0.222	0.232	0.421	0.624	0.279	1.080	0.298	0.662	-	0.610	1.109	0.542	20
ES1778R	barium	pm1	0.782	0.015	0.015	0.164	0.469	0.113	0.015	0.118	0.203	1.510	1.249	0.832	0.412	24
IT0019R	barium	pm10	0.613	1.493	1.324	4.187	0.538	6.530	3.298	4.270	2.634	2.326	0.328	1.204	2.390	27
ES1778R	bismuth	pm10	0.061	0.081	0.056	0.064	0.051	0.210	0.116	0.098	0.106	0.143	0.024	0.018	0.089	25
ES1778R	bismuth	pm25	0.069	0.076	0.052	0.025	0.044	0.223	0.118	0.095	0.120	-	0.015	0.018	0.092	20
ES1778R	bismuth	pm1	0.057	0.098	0.048	0.022	0.041	0.130	0.089	0.083	0.091	0.128	0.022	0.015	0.068	24
BE0014R	cadmium	pm10	0.121	0.204	0.142	0.173	0.071	0.147	0.084	0.079	0.054	0.138	0.133	0.113	0.121	96
CY0002R	cadmium	pm10	0.054	0.063	0.044	0.051	0.043	0.054	0.062	0.063	0.074	0.059	0.169	0.019	0.061	93
CZ0003R	cadmium	pm10	0.089	0.091	0.050	0.150	0.039	0.041	1.920	0.051	0.045	0.080	0.077	0.080	0.227	50
CZ0003R	cadmium	pm25	0.069	0.082	0.038	0.115	0.038	0.029	0.975	0.023	0.033	0.100	0.061	0.074	0.136	50
CZ0005R	cadmium	pm10	0.036	0.028	0.027	0.086	0.019	0.014	0.041	0.015	0.010	0.022	0.016	0.012	0.027	50
DE0001R	cadmium	pm10	0.077	0.113	0.034	0.110	0.026	0.037	0.020	0.030	0.030	0.033	0.073	0.090	0.054	92
DE0002R	cadmium	pm10	0.115	0.124	0.141	0.136	0.046	0.049	0.030	0.049	0.053	0.065	0.075	0.069	0.079	100
DE0003R	cadmium	pm10	0.016	0.024	0.028	0.050	0.024	0.018	0.020	0.020	0.028	0.012	0.010	0.007	0.022	100
DE0007R	cadmium	pm10	0.106	0.125	0.052	0.139	0.048	0.046	0.021	0.049	0.049	0.089	0.144	0.082	0.079	100
DE0009R	cadmium	pm10	0.084	0.116	0.055	0.128	0.031	0.034	0.019	0.041	0.050	0.060	0.116	0.067	0.066	100
DK0008R	cadmium	aerosol	0.039	0.067	0.018	0.097	0.019	0.023	0.017	0.028	0.024	0.021	0.052	0.042	0.037	94
DK0010G	cadmium	aerosol	0.023	0.019	0.015	0.018	-	0.001	0.001	0.001	0.001	0.003	0.002	0.020	0.010	68
DK0012R	cadmium	aerosol	0.062	0.086	0.041	0.174	0.033	0.086	0.023	0.032	0.033	0.024	0.090	0.043	0.058	92
EE0009R	cadmium	pm10	0.041	0.041	0.032	0.075	0.034	0.042	0.032	0.032	0.033	0.037	0.057	0.036	0.041	98
ES0001R	cadmium	pm10	0.030	0.030	0.026	0.022	0.013	0.014	0.028	0.018	0.012	0.010	0.010	0.020	0.019	16
ES0007R	cadmium	pm10	0.038	0.027	0.038	0.022	0.019	0.025	0.016	0.072	0.018	0.044	0.032	0.022	0.031	16
ES0008R	cadmium	pm10	0.072	0.208	0.146	0.202	0.170	0.113	0.078	-	-	0.108	0.034	0.068	0.119	14
ES0009R	cadmium	pm10	0.014	0.027	0.021	0.025	0.010	0.018	0.020	0.010	0.010	0.010	0.012	0.020	0.016	16
ES0014R	cadmium	pm10	0.026	0.050	0.031	0.028	0.014	0.016	0.026	0.018	0.028	0.028	0.020	0.023	0.026	17
ES1778R	cadmium	pm10	0.021	0.038	0.029	0.027	0.017	0.025	0.028	0.022	0.021	0.043	0.020	0.032	0.026	25
ES1778R	cadmium	pm25	0.028	0.046	0.029	0.026	0.017	0.029	0.031	0.024	0.030	-	0.015	0.041	0.030	20
ES1778R	cadmium	pm1	0.026	0.050	0.026	0.021	0.020	0.023	0.023	0.024	0.020	0.043	0.019	0.033	0.026	24
FI0018R	cadmium	pm10	0.049	0.059	0.036	0.086	0.028	0.037	0.024	0.030	0.038	0.029	0.102	0.053	0.048	97
FI0036R	cadmium	pm10	0.034	0.036	0.012	0.034	0.041	0.008	0.009	0.016	0.012	0.008	0.007	0.008	0.018	97
FI0050R	cadmium	pm10	0.046	0.047	0.030	0.076	0.025	0.024	0.013	0.029	0.031	0.027	0.050	0.035	0.036	96
FR0008R	cadmium	pm10	0.055	0.047	0.040	0.074	0.033	0.029	0.036	0.030	0.034	0.023	0.026	0.024	0.037	99
FR0009R	cadmium	pm10	0.099	0.087	0.092	0.157	0.097	0.070	0.142	0.082	0.078	0.053	0.081	0.094	0.094	93
FR0013R	cadmium	pm10	0.062	0.073	0.050	0.052	0.031	0.055	0.035	0.026	0.029	0.038	0.033	0.051	0.045	95

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
FR0023R	cadmium	pm10	0.032	0.042	0.037	0.061	0.030	0.040	0.029	0.029	0.031	0.023	0.017	0.017	0.032	96
FR0024R	cadmium	pm10	0.104	0.129	0.068	0.089	0.051	0.032	0.037	0.012	0.036	0.033	0.060	-	0.062	80
FR0025R	cadmium	pm10	0.085	0.120	0.055	0.066	0.039	0.040	0.029	0.020	0.035	0.039	0.047	0.055	0.052	96
GB0013R	cadmium	pm10	0.052	0.069	0.063	0.101	0.054	0.042	0.054	0.026	0.034	0.053	0.071	0.041	0.055	100
GB0017R	cadmium	pm10	0.144	0.236	0.109	0.163	0.059	0.053	0.060	0.074	0.073	0.075	0.096	0.103	0.103	100
GB0048R	cadmium	pm10	0.026	0.046	0.023	0.081	0.027	0.041	0.017	0.017	0.025	0.035	0.032	0.022	0.032	100
GB1055R	cadmium	pm10	0.120	0.112	0.099	0.191	0.080	0.054	0.061	0.066	0.074	0.094	0.142	0.085	0.098	100
HU0002R	cadmium	aerosol	0.206	0.227	0.182	0.195	0.071	0.081	0.110	0.051	0.045	0.105	0.072	0.089	0.120	96
IS0091R	cadmium	aerosol	0.003	0.002	0.002	0.016	0.013	0.005	0.004	0.004	0.008	0.003	0.003	0.004	0.006	73
IT0019R	cadmium	pm10	0.019	0.026	0.034	0.042	0.020	0.043	0.023	0.033	0.030	0.050	0.013	0.020	0.030	27
LV0010R	cadmium	pm10	0.073	0.037	0.021	0.110	0.037	0.040	0.023	0.022	0.032	0.046	0.095	0.081	0.052	50
NL0008R	cadmium	pm10	0.103	0.145	0.068	0.140	0.046	0.091	0.044	0.068	0.060	0.072	0.129	0.132	0.091	49
NL0644R	cadmium	pm25	0.139	0.121	0.048	0.108	0.070	0.035	0.038	0.063	0.076	0.055	0.123	0.147	0.085	24
NO0002R	cadmium	pm10	0.035	0.039	0.015	0.101	0.017	0.020	0.014	0.020	0.015	0.019	0.020	0.018	0.028	100
NO0042G	cadmium	aerosol	0.019	0.014	0.015	0.047	0.015	0.009	0.053	0.032	0.005	0.019	0.023	0.025	0.021	26
NO0090R	cadmium	aerosol	0.006	0.011	0.004	0.026	0.013	0.003	0.003	0.007	0.005	0.004	0.003	0.002	0.007	29
PL0005R	cadmium	pm10	0.117	0.133	0.099	0.134	0.022	0.029	0.021	0.052	0.056	0.084	0.112	0.093	0.079	86
PL0009R	cadmium	pm10	0.097	0.160	0.087	0.144	0.045	0.047	0.034	0.057	0.061	0.088	0.147	0.162	0.094	84
SE0005R	cadmium	aerosol	0.008	0.007	0.003	0.026	0.012	0.008	0.008	0.010	0.010	0.003	0.006	0.003	0.009	100
SE0014R	cadmium	aerosol	0.022	0.026	0.040	0.061	0.019	0.010	0.013	0.023	0.021	0.024	0.045	0.035	0.028	99
SE0020R	cadmium	aerosol	0.040	0.053	0.041	0.047	0.017	0.014	0.015	0.018	0.031	0.030	0.057	0.041	0.033	80
SE0022R	cadmium	aerosol	0.019	0.014	0.006	0.040	0.016	0.014	0.008	0.017	0.028	0.018	0.032	0.022	0.019	99
SI0008R	cadmium	pm10	0.056	0.094	0.053	0.178	0.034	0.046	0.026	0.060	0.034	0.042	0.014	0.056	0.057	20
SK0002R	cadmium	aerosol	0.049	0.027	0.040	0.093	0.051	0.108	0.204	0.185	0.067	0.001	0.001	0.001	0.070	93
SK0004R	cadmium	pm10	0.213	0.166	0.131	0.165	0.062	0.077	0.149	0.156	0.059	0.031	0.001	-	0.115	87
SK0006R	cadmium	pm10	0.169	0.180	0.172	0.267	0.118	0.066	0.203	0.123	0.089	0.122	0.001	0.001	0.126	99
SK0007R	cadmium	pm10	0.041	0.208	0.128	0.184	0.096	0.079	0.241	0.227	0.077	0.180	-	-	0.149	69
ES1778R	cerium	pm10	0.068	0.215	0.189	0.099	0.106	0.553	0.308	0.300	0.152	0.228	0.129	0.138	0.221	25
ES1778R	cerium	pm25	0.026	0.094	0.030	0.038	0.050	0.176	0.173	0.086	0.111	-	0.530	0.078	0.100	20
ES1778R	cerium	pm1	0.025	0.029	0.046	0.057	0.066	0.054	0.028	0.017	0.024	0.038	0.167	0.203	0.062	24
BE0014R	chromium	pm10	1.090	2.304	1.031	1.787	0.932	1.670	1.432	1.262	1.225	1.000	1.187	1.010	1.323	96
CY0002R	chromium	pm10	1.704	0.841	0.370	0.908	1.127	1.766	1.277	0.896	0.888	1.109	1.286	0.189	1.041	93
CZ0003R	chromium	pm10	0.347	0.245	0.680	0.550	0.308	0.524	0.540	0.482	0.778	0.182	0.138	0.194	0.413	50
CZ0003R	chromium	pm25	0.186	0.134	0.249	0.333	0.234	0.189	0.212	0.216	0.693	0.358	0.148	0.486	0.287	50
CZ0005R	chromium	pm10	0.144	3.768	0.892	0.845	0.110	0.376	0.576	0.263	0.477	0.423	0.301	0.593	0.689	50
ES0001R	chromium	pm10	0.612	0.910	0.706	0.403	0.629	0.593	0.598	0.630	0.614	0.810	0.718	0.710	0.661	16

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
ES0007R	chromium	pm10	0.534	0.752	0.523	1.088	0.562	0.910	0.764	0.818	0.582	0.808	0.588	1.118	0.752	16
ES0008R	chromium	pm10	0.682	0.899	0.829	0.487	0.658	0.653	0.426	-	-	1.122	1.316	1.640	0.872	14
ES0009R	chromium	pm10	1.014	0.690	0.617	0.517	0.755	0.710	0.588	0.494	0.426	0.950	0.756	0.568	0.675	16
ES0014R	chromium	pm10	0.626	0.931	0.677	0.576	0.708	0.490	0.538	0.628	0.922	0.642	0.518	0.582	0.651	17
ES1778R	chromium	pm10	0.284	1.460	0.408	0.501	0.015	0.209	0.026	0.420	0.015	0.015	0.091	0.313	0.311	25
ES1778R	chromium	pm25	0.369	16.696	0.281	0.357	0.199	0.045	0.015	0.146	0.655	-	0.015	0.033	1.782	20
ES1778R	chromium	pm1	0.196	3.565	0.728	3.511	0.088	0.151	0.015	0.015	0.015	0.015	0.333	0.396	0.579	24
FI0018R	chromium	pm10	0.259	0.230	0.067	0.371	0.543	0.291	0.292	0.383	0.319	0.549	0.497	0.112	0.325	97
FI0036R	chromium	pm10	0.180	0.197	0.053	0.172	0.431	0.102	0.191	0.294	0.147	0.081	0.078	0.073	0.164	97
FI0050R	chromium	pm10	0.209	0.304	0.175	0.400	0.222	0.291	0.090	0.216	0.142	0.127	0.175	0.079	0.204	96
GB0013R	chromium	pm10	0.223	1.133	1.041	0.980	0.236	0.615	1.044	0.976	0.779	0.292	0.388	0.290	0.662	100
GB0017R	chromium	pm10	0.540	1.926	1.832	1.456	0.685	0.803	1.248	1.152	1.259	0.700	0.700	1.214	1.120	100
GB0048R	chromium	pm10	0.260	0.831	1.831	0.798	0.123	0.395	0.875	0.835	1.283	1.343	0.604	0.802	0.832	100
GB1055R	chromium	pm10	0.794	1.631	1.219	1.563	0.978	0.716	0.750	0.704	0.943	0.848	0.759	0.599	0.953	100
IS0091R	chromium	aerosol	0.533	1.780	0.439	0.585	0.410	0.720	0.385	0.240	0.300	0.375	0.219	0.609	0.512	73
IT0019R	chromium	pm10	0.730	1.049	1.094	1.299	0.854	1.418	0.930	0.828	1.612	1.884	1.058	0.422	1.096	27
NO0002R	chromium	pm10	0.115	0.256	0.256	0.824	0.154	0.312	0.285	0.469	0.460	0.152	0.132	0.128	0.295	100
NO0042G	chromium	aerosol	0.167	0.196	0.209	0.666	0.618	0.421	0.454	0.215	0.163	0.377	0.189	0.332	0.324	28
NO0090R	chromium	aerosol	0.157	1.262	0.103	0.357	0.108	0.041	0.037	0.089	0.072	0.071	0.068	0.040	0.196	29
PL0005R	chromium	pm10	0.341	0.651	0.840	0.482	0.531	0.626	0.198	0.304	0.458	0.327	0.325	0.363	0.450	86
SE0005R	chromium	aerosol	0.170	0.144	0.127	0.207	0.154	0.230	0.208	0.160	0.195	0.154	0.190	0.134	0.173	100
SE0014R	chromium	aerosol	0.537	0.311	0.426	0.664	0.327	0.260	0.292	0.220	0.359	0.515	0.750	0.663	0.443	99
SE0020R	chromium	aerosol	0.700	0.589	0.410	0.505	0.285	0.260	0.436	0.380	0.361	0.408	0.530	0.580	0.454	80
SE0022R	chromium	aerosol	0.620	0.370	0.290	0.374	0.534	0.360	0.190	0.390	0.446	0.372	0.390	0.604	0.411	99
SI0008R	chromium	pm10	0.778	0.801	0.454	1.012	0.454	0.732	0.454	0.454	0.454	2.363	0.454	0.454	0.711	20
SK0002R	chromium	aerosol	0.245	0.301	-	-	-	-	-	-	-	-	-	-	-	-
SK0004R	chromium	pm10	0.405	-	0.359	-	-	1.056	-	-	-	-	-	-	-	-
SK0006R	chromium	pm10	0.254	-	-	-	-	-	4.406	-	-	-	-	-	-	-
SK0007R	chromium	pm10	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-
CZ0003R	cobalt	pm10	0.026	0.049	0.028	0.098	0.024	0.068	0.058	0.036	0.045	0.026	0.018	0.018	0.041	50
CZ0003R	cobalt	pm25	0.014	0.021	0.010	0.029	0.011	0.023	0.015	0.015	0.016	0.010	0.006	0.009	0.015	50
CZ0005R	cobalt	pm10	0.016	0.029	0.014	0.059	0.016	0.061	0.039	0.020	0.020	0.025	0.009	0.006	0.026	50
DE0001R	cobalt	pm10	0.027	0.061	0.035	0.089	0.033	0.041	0.041	0.037	0.024	0.019	0.022	0.022	0.039	92
DE0002R	cobalt	pm10	0.034	0.052	0.103	0.088	0.029	0.045	0.038	0.042	0.049	0.024	0.017	0.022	0.045	100
DE0003R	cobalt	pm10	0.008	0.037	0.026	0.053	0.024	0.044	0.042	0.018	0.025	0.026	0.006	0.022	0.028	100
DE0007R	cobalt	pm10	0.035	0.040	0.022	0.088	0.023	0.049	0.020	0.035	0.032	0.016	0.026	0.016	0.033	100
DE0009R	cobalt	pm10	0.034	0.063	0.035	0.113	0.036	0.048	0.035	0.039	0.024	0.019	0.031	0.017	0.041	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
ES1778R	cobalt	pm10	0.023	0.102	0.053	0.094	0.056	0.166	0.146	0.076	0.041	0.059	0.028	0.063	0.079	25
ES1778R	cobalt	pm25	0.015	0.023	0.020	0.031	0.027	0.044	0.036	0.035	0.035	-	0.040	0.018	0.030	20
ES1778R	cobalt	pm1	0.015	0.015	0.015	0.019	0.018	0.021	0.017	0.015	0.015	0.019	0.015	0.028	0.018	24
FI0018R	cobalt	pm10	0.021	0.021	0.023	0.076	0.039	0.094	0.058	0.067	0.033	0.016	0.042	0.018	0.042	97
FI0036R	cobalt	pm10	0.020	0.022	0.009	0.023	0.035	0.011	0.025	0.028	0.009	0.005	0.007	0.005	0.016	97
FI0050R	cobalt	pm10	0.021	0.022	0.024	0.076	0.025	0.040	0.101	0.031	0.016	0.011	0.024	0.009	0.032	96
GB0048R	cobalt	pm10	0.016	0.045	0.022	0.060	0.029	0.018	0.025	0.035	0.043	0.014	0.011	0.012	0.027	100
GB1055R	cobalt	pm10	0.031	0.049	0.037	0.083	0.038	0.028	0.043	0.033	0.033	0.041	0.035	0.016	0.039	100
IS0091R	cobalt	aerosol	0.129	0.250	0.178	0.374	0.215	0.150	0.198	0.210	0.157	0.205	0.073	0.363	0.203	73
IT0019R	cobalt	pm10	0.020	0.020	0.020	0.096	0.024	0.205	0.130	0.140	0.082	0.086	0.020	0.046	0.075	27
NO0002R	cobalt	pm10	0.010	0.026	0.014	0.076	0.017	0.025	0.021	0.024	0.015	0.005	0.007	0.006	0.020	100
NO0042G	cobalt	aerosol	0.007	0.007	0.008	0.019	0.031	0.009	0.023	0.013	0.008	0.023	0.013	0.022	0.015	28
NO0090R	cobalt	aerosol	0.014	0.026	0.009	0.030	0.022	0.013	0.009	0.014	0.025	0.010	0.009	0.004	0.015	29
SE0005R	cobalt	aerosol	0.010	0.010	0.003	0.019	0.012	0.010	0.020	0.020	0.006	0.010	0.010	0.010	0.012	100
SE0014R	cobalt	aerosol	0.010	0.011	0.034	0.065	0.026	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.024	99
SE0020R	cobalt	aerosol	0.020	0.038	0.030	0.057	0.020	0.020	0.029	0.020	0.020	0.020	0.020	0.020	0.026	80
SE0022R	cobalt	aerosol	0.011	0.019	0.010	0.038	0.020	0.020	0.020	0.020	0.020	0.011	0.020	0.011	0.018	99
BE0014R	copper	pm10	3.124	6.859	2.785	4.940	2.587	2.767	2.877	3.059	2.768	3.517	4.387	3.187	3.554	96
CY0002R	copper	pm10	1.467	1.483	2.018	1.304	2.431	1.712	1.772	2.247	1.699	1.778	2.380	0.640	1.764	93
CZ0003R	copper	pm10	1.080	1.197	1.012	2.056	1.042	1.524	1.254	1.058	1.753	1.304	0.947	1.017	1.268	50
CZ0003R	copper	pm25	0.618	0.556	0.316	0.995	0.457	0.591	0.693	0.621	0.847	0.927	0.606	0.720	0.662	50
CZ0005R	copper	pm10	0.435	1.703	0.672	1.447	0.778	0.966	1.313	1.039	0.913	0.769	0.762	0.223	0.905	50
DE0001R	copper	pm10	2.264	2.671	1.328	2.561	0.787	1.243	0.944	1.101	1.000	1.537	2.370	1.528	1.541	92
DE0002R	copper	pm10	2.727	3.622	2.019	2.179	1.458	1.804	1.166	1.903	1.857	1.822	1.597	1.724	1.977	98
DE0003R	copper	pm10	0.225	0.670	1.380	1.644	1.318	1.624	2.279	1.362	1.866	0.546	0.411	0.221	1.132	100
DE0007R	copper	pm10	1.555	2.417	1.115	2.202	0.989	1.647	0.567	1.475	1.228	1.543	1.704	1.469	1.483	100
DE0009R	copper	pm10	1.342	2.510	1.242	1.725	0.823	1.218	0.727	1.302	1.445	1.697	2.124	1.266	1.442	100
ES0009R	copper	pm10	1.904	2.384	1.850	1.533	1.987	2.546	1.924	2.362	2.452	3.854	2.076	1.850	2.226	16
ES0014R	copper	pm10	6.698	4.851	2.997	4.246	5.220	3.060	5.646	4.020	5.322	3.680	3.936	6.463	4.690	17
ES1778R	copper	pm10	2.060	1.976	1.858	1.377	1.734	2.464	2.475	1.956	1.734	2.450	1.048	1.180	1.874	25
ES1778R	copper	pm25	2.109	1.259	0.988	0.770	0.860	0.554	1.792	0.853	0.912	-	0.450	0.877	1.110	20
ES1778R	copper	pm1	1.383	0.686	0.779	0.487	0.748	0.300	0.719	0.409	0.874	0.584	0.499	1.028	0.701	24
FI0018R	copper	pm10	1.074	0.664	0.663	1.048	1.155	0.993	0.667	0.897	0.786	0.483	0.764	0.570	0.809	97
FI0036R	copper	pm10	0.936	0.954	0.271	0.486	0.720	0.133	0.310	0.520	0.216	0.202	0.677	0.346	0.478	97
FI0050R	copper	pm10	0.905	0.539	0.482	0.852	0.441	0.528	0.419	0.578	0.451	0.421	0.470	0.464	0.549	96
GB0013R	copper	pm10	0.590	2.009	1.315	1.997	0.978	0.835	1.293	0.736	0.865	1.011	0.899	0.783	1.101	100
GB0017R	copper	pm10	2.179	4.635	2.407	2.252	0.938	1.449	1.748	2.176	2.149	2.050	2.420	2.437	2.219	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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GB0048R	copper	pm10	0.651	1.052	0.650	1.651	0.856	0.674	0.850	0.656	0.813	1.055	1.015	0.655	0.878	100
GB1055R	copper	pm10	2.229	3.209	2.467	5.776	2.148	1.641	2.245	1.680	2.153	3.145	3.303	1.730	2.633	100
IS0091R	copper	aerosol	0.515	0.590	0.472	0.802	0.661	0.550	0.578	0.480	0.472	0.504	0.254	0.768	0.552	73
IT0019R	copper	pm10	0.500	1.441	2.850	3.003	2.783	1.998	2.015	1.335	3.448	1.776	0.500	0.500	1.792	27
NO0002R	copper	pm10	0.319	0.510	0.265	1.221	0.435	0.462	0.371	0.410	0.290	0.221	0.205	0.292	0.415	100
NO0042G	copper	aerosol	1.151	0.858	0.770	0.620	0.485	0.371	0.693	0.409	0.079	0.146	0.171	0.186	0.459	28
NO0090R	copper	aerosol	1.632	2.901	1.520	0.870	0.513	0.275	0.291	0.384	1.687	1.508	1.606	0.407	1.138	29
PL0005R	copper	pm10	1.441	1.645	1.029	0.929	2.396	2.510	1.030	3.787	2.140	1.102	0.802	1.427	1.631	82
SE0005R	copper	aerosol	0.120	0.223	0.132	0.283	0.226	0.228	0.293	0.230	0.181	0.060	0.055	0.050	0.173	100
SE0014R	copper	aerosol	0.526	0.536	0.897	1.121	0.451	0.420	0.622	0.730	0.577	0.674	0.970	0.864	0.699	99
SE0020R	copper	aerosol	0.930	1.833	1.600	0.703	0.489	0.590	0.599	0.870	0.903	0.996	0.970	1.200	0.908	80
SE0022R	copper	aerosol	0.352	0.299	0.210	0.566	0.543	0.560	0.518	0.610	0.479	0.461	0.470	0.433	0.459	99
SI0008R	copper	pm10	1.845	2.324	1.665	2.924	0.801	2.412	1.899	2.710	2.405	1.979	1.081	1.234	1.864	20
SK0002R	copper	aerosol	0.063	0.132	0.183	0.703	0.900	1.178	1.340	2.269	0.556	0.149	0.050	0.050	0.648	93
SK0004R	copper	pm10	1.580	3.828	1.291	2.099	0.938	1.253	1.689	2.057	0.971	1.692	0.917	-	1.684	87
SK0006R	copper	pm10	0.905	1.307	1.434	1.391	0.875	1.309	1.411	1.147	0.931	1.223	0.555	0.756	1.105	99
SK0007R	copper	pm10	3.102	3.250	11.902	2.346	1.662	1.900	2.149	2.308	2.272	2.930	-	-	3.484	69
CY0002R	iron	pm10	715	231	105	491	541	486	360	348	307	311	397	64	368	93
CZ0003R	iron	pm10	47	97	64	228	62	180	149	95	118	68	44	37	99	50
CZ0003R	iron	pm25	15	38	17	62	18	58	40	36	36	29	14	12	31	50
CZ0005R	iron	pm10	15	74	38	131	43	164	115	62	53	69	23	18	66	50
DE0001R	iron	pm10	71	106	46	196	51	75	58	64	44	49	84	56	74	92
DE0002R	iron	pm10	65	132	216	200	76	106	82	115	161	77	57	68	113	100
DE0003R	iron	pm10	10	70	65	126	70	117	120	63	86	59	12	52	71	100
DE0007R	iron	pm10	46	90	50	179	53	110	53	90	79	53	64	48	76	100
DE0009R	iron	pm10	39	103	44	199	48	82	50	79	58	44	64	43	71	100
ES1778R	iron	pm10	35	141	103	63	71	336	213	199	101	110	28	43	130	25
ES1778R	iron	pm25	14	43	31	18	11	93	86	63	23	-	10	11	45	20
ES1778R	iron	pm1	5	6	5	5	5	10	6	6	6	5	5	5	6	24
FI0018R	iron	pm10	17	29	32	196	55	538	311	349	145	23	155	47	157	97
FI0036R	iron	pm10	8	17	8	43	115	21	23	19	14	4	5	5	22	97
FI0050R	iron	pm10	12	30	25	88	56	64	35	49	22	14	32	7	36	96
GB0048R	iron	pm10	28	94	53	143	59	36	63	42	39	40	28	23	54	100
GB1055R	iron	pm10	78	134	106	233	97	68	115	81	89	94	91	52	103	100
IS0002R	iron	aerosol	9	40	129	304	362	819	383	704	83	333	96	99	272	94
IS0091R	iron	aerosol	264	564	344	703	370	293	438	483	316	449	136	742	406	73
IT0019R	iron	pm10	29	87	75	274	37	436	245	293	170	170	27	88	161	27

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NO0002R	iron	pm10	12	46	26	154	25	31	32	29	16	10	13	6	33	100
NO0042G	iron	aerosol	10	11	14	27	42	19	9	21	14	49	27	47	25	28
NO0090R	iron	aerosol	22	32	16	45	23	26	12	20	39	17	15	8	23	29
ES1778R	lanthanum	pm10	0.037	0.135	0.097	0.067	0.076	0.336	0.199	0.185	0.114	0.138	0.073	0.083	0.137	25
ES1778R	lanthanum	pm25	0.015	0.050	0.018	0.023	0.041	0.115	0.102	0.054	0.086	-	0.380	0.041	0.063	20
ES1778R	lanthanum	pm1	0.015	0.021	0.023	0.018	0.043	0.030	0.023	0.018	0.022	0.036	0.111	0.127	0.040	24
IT0019R	lanthanum	pm10	0.020	0.054	0.053	0.320	0.024	0.583	0.303	0.390	0.222	0.143	0.020	0.082	0.183	27
BE0014R	lead	pm10	5.266	8.041	4.423	5.753	2.329	3.317	2.655	3.193	2.450	3.621	4.853	3.858	4.111	96
CY0002R	lead	pm10	7.300	7.400	2.500	5.500	3.500	2.300	2.100	2.700	2.400	4.900	14.400	3.100	4.600	93
CZ0003R	lead	pm10	2.580	2.281	1.658	3.942	1.723	1.811	1.280	1.362	1.669	1.907	2.050	1.441	1.972	50
CZ0003R	lead	pm25	2.110	1.919	1.361	3.090	1.477	1.341	0.930	1.155	1.336	1.753	1.653	1.295	1.614	50
CZ0005R	lead	pm10	1.203	0.742	0.858	2.694	0.864	1.114	0.922	0.847	0.816	0.843	0.454	0.309	0.972	50
DE0001R	lead	pm10	2.532	3.881	1.397	2.510	0.916	1.189	0.717	1.078	0.957	1.123	2.217	1.905	1.640	92
DE0002R	lead	pm10	4.041	4.828	4.377	4.045	1.637	1.672	1.159	1.799	1.692	2.163	2.418	2.166	2.652	100
DE0003R	lead	pm10	0.559	0.878	1.192	1.758	1.009	0.842	1.036	0.836	1.052	0.551	0.369	0.320	0.867	100
DE0007R	lead	pm10	3.827	4.547	1.780	3.680	1.386	1.888	0.929	1.544	1.617	2.454	4.053	2.539	2.500	100
DE0009R	lead	pm10	2.761	4.185	1.749	2.966	1.010	1.222	0.693	1.351	1.557	1.816	3.489	2.329	2.074	100
DK0008R	lead	aerosol	1.232	2.758	0.904	2.250	0.717	0.767	0.581	0.896	0.585	0.599	1.470	1.290	1.178	94
DK0010G	lead	aerosol	0.736	0.654	0.577	0.460	-	0.021	0.167	0.042	0.063	0.037	0.037	0.552	0.322	68
DK0012R	lead	aerosol	1.609	3.125	0.664	3.157	1.298	1.918	0.541	1.091	0.960	1.025	2.335	1.940	1.601	92
EE0009R	lead	pm10	1.540	1.203	0.705	1.364	1.013	1.061	0.603	0.607	0.763	0.899	1.853	0.901	1.029	98
ES0001R	lead	pm10	0.992	1.718	0.940	0.925	0.668	0.941	1.094	0.902	0.924	0.428	0.292	1.060	0.903	16
ES0007R	lead	pm10	1.044	1.377	1.249	1.538	1.043	1.571	1.318	1.072	1.926	1.326	0.642	0.686	1.232	16
ES0008R	lead	pm10	1.368	3.768	4.133	2.818	3.048	2.284	2.330	-	-	2.712	0.830	3.790	2.707	14
ES0009R	lead	pm10	0.560	1.185	0.765	0.805	0.495	0.934	1.512	0.612	0.560	1.214	0.352	0.900	0.821	16
ES0014R	lead	pm10	0.882	2.039	0.952	0.738	0.616	1.096	0.940	0.768	1.146	1.334	0.658	0.948	1.004	17
ES1778R	lead	pm10	1.094	1.573	1.321	1.021	0.971	1.560	1.464	1.239	1.109	1.518	0.575	1.172	1.217	25
ES1778R	lead	pm25	1.407	1.560	1.169	0.684	0.834	1.383	1.478	1.205	0.934	-	0.570	0.952	1.200	20
ES1778R	lead	pm1	1.094	1.800	1.043	0.583	0.798	1.014	1.103	0.911	0.870	1.318	0.488	0.928	0.959	24
FI0018R	lead	pm10	1.442	1.880	1.071	2.378	0.714	2.606	1.496	1.873	1.323	0.828	2.973	1.409	1.665	97
FI0036R	lead	pm10	0.819	1.114	0.334	0.960	1.262	0.244	0.200	0.795	0.285	0.133	0.319	0.327	0.557	97
FI0050R	lead	pm10	1.140	1.363	0.647	1.519	0.663	0.716	0.379	0.645	0.671	0.606	1.850	0.631	0.895	96
FR0008R	lead	pm10	2.336	1.973	1.734	2.373	1.685	1.600	1.942	1.299	1.611	1.065	1.205	0.858	1.635	99
FR0009R	lead	pm10	3.522	3.611	4.701	5.878	2.991	3.356	3.740	2.730	3.846	1.717	2.995	2.287	3.439	93
FR0013R	lead	pm10	1.907	2.084	1.626	1.714	1.269	1.351	1.802	1.037	1.175	1.106	0.973	1.601	1.478	95
FR0023R	lead	pm10	1.139	1.396	1.475	2.041	1.259	1.848	1.432	1.329	1.370	0.722	0.542	0.510	1.276	88

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FR0024R	lead	pm10	2.057	2.903	1.838	2.666	1.697	1.269	1.933	0.532	1.360	0.871	1.526	-	1.772	80
FR0025R	lead	pm10	2.546	2.432	1.844	1.702	1.241	1.334	1.386	0.700	1.341	1.001	1.180	1.052	1.473	100
GB0013R	lead	pm10	1.468	2.526	2.153	3.362	1.574	2.093	1.602	0.855	1.228	1.595	1.719	1.807	1.823	100
GB0017R	lead	pm10	5.611	7.138	4.942	4.129	2.059	1.911	2.219	2.371	2.720	3.505	4.738	4.488	3.797	100
GB0048R	lead	pm10	1.152	1.681	0.745	2.222	0.926	1.189	0.748	0.564	0.783	1.217	1.366	0.948	1.121	100
GB1055R	lead	pm10	5.089	4.625	3.184	7.435	2.796	2.614	2.385	1.907	2.513	3.490	4.732	2.859	3.620	100
HU0002R	lead	aerosol	8.253	10.019	9.253	9.670	3.796	4.656	3.635	3.441	4.068	10.638	6.579	6.777	6.820	96
IS0091R	lead	aerosol	0.089	0.100	0.065	0.463	0.350	0.140	0.084	0.100	0.245	0.087	0.068	0.106	0.173	73
IT0019R	lead	pm10	1.167	1.623	2.290	2.406	1.141	2.565	1.425	1.763	1.682	2.688	0.358	0.708	1.664	27
LV0010R	lead	pm10	3.912	2.100	0.807	1.417	1.184	1.727	1.499	0.760	1.443	0.472	2.812	2.316	1.697	48
NL0008R	lead	pm10	3.973	6.384	3.408	5.200	2.336	2.419	1.994	3.189	2.683	3.213	4.860	4.566	3.658	50
NL0644R	lead	pm25	7.821	6.971	3.014	3.677	3.008	1.400	1.609	2.570	3.074	2.830	4.841	6.441	3.908	25
NO0002R	lead	pm10	0.917	1.091	0.320	1.932	0.428	0.545	0.429	0.612	0.395	0.379	0.436	0.352	0.647	100
NO0042G	lead	aerosol	0.485	0.467	0.463	0.245	0.214	0.089	0.080	0.076	0.023	0.130	0.112	0.770	0.292	28
NO0090R	lead	aerosol	0.195	0.392	0.122	0.643	0.256	0.096	0.099	0.218	0.113	0.090	0.091	0.083	0.203	29
PL0005R	lead	pm10	3.722	4.067	1.677	1.708	1.293	0.980	0.733	1.156	1.132	2.256	2.662	2.992	2.021	86
PL0009R	lead	pm10	3.859	4.650	2.015	2.392	1.170	1.192	0.689	1.111	0.924	2.252	2.969	2.715	2.145	84
SE0005R	lead	aerosol	0.330	0.339	0.137	0.620	0.326	0.277	0.579	0.290	0.227	0.112	0.320	0.086	0.303	100
SE0014R	lead	aerosol	0.566	0.777	1.158	1.385	0.553	0.400	0.415	0.740	0.578	0.708	1.100	1.100	0.788	99
SE0020R	lead	aerosol	1.300	2.089	1.700	1.157	0.540	0.490	0.604	0.950	0.908	0.943	1.500	1.400	1.065	80
SE0022R	lead	aerosol	0.516	0.475	0.180	0.874	0.538	0.460	0.302	0.530	0.735	0.508	0.860	0.543	0.542	99
SI0008R	lead	pm10	1.491	2.454	1.520	3.748	0.946	1.588	0.931	1.531	1.386	1.442	0.449	0.822	1.447	20
SK0002R	lead	aerosol	0.117	0.745	0.325	2.733	0.973	2.110	3.209	3.665	1.237	1.814	0.010	0.010	1.397	93
SK0004R	lead	pm10	5.773	6.379	3.403	4.902	2.245	3.073	3.220	4.191	2.446	6.519	4.534	-	4.217	87
SK0006R	lead	pm10	4.556	6.771	5.021	5.342	2.569	1.788	3.403	2.131	2.681	6.793	4.087	6.235	4.259	99
SK0007R	lead	pm10	3.156	6.237	7.027	7.626	8.855	6.124	8.277	15.352	4.247	11.473	-	-	8.177	69
ES1778R	lithium	pm10	0.031	0.129	0.110	0.044	0.066	0.364	0.186	0.184	0.124	0.113	0.019	0.033	0.128	25
ES1778R	lithium	pm25	0.009	0.036	0.018	0.019	0.012	0.107	0.078	0.061	0.019	-	0.005	0.014	0.043	20
ES1778R	lithium	pm1	0.005	0.018	0.005	0.005	0.005	0.018	0.008	0.028	0.015	0.011	0.005	0.009	0.011	24
BE0014R	manganese	pm10	11.169	10.152	12.477	9.527	7.374	7.673	10.490	11.748	6.704	4.466	4.373	5.265	8.389	96
CY0002R	manganese	pm10	11.967	4.165	2.417	8.774	10.228	9.746	7.875	8.393	7.159	6.650	8.418	1.409	7.378	93
CZ0003R	manganese	pm10	2.446	4.840	2.857	6.837	1.983	4.174	4.147	3.009	4.028	2.379	1.637	1.692	3.311	50
CZ0003R	manganese	pm25	1.275	2.316	1.241	2.302	0.852	1.520	1.344	1.188	1.531	1.181	0.759	0.961	1.362	50
CZ0005R	manganese	pm10	0.628	1.713	1.067	3.793	1.169	3.311	2.578	1.600	1.358	1.245	0.575	0.440	1.611	50
DE0001R	manganese	pm10	1.590	2.974	1.084	6.367	1.614	2.019	2.116	2.036	1.229	1.081	1.658	1.280	2.111	92
DE0002R	manganese	pm10	2.048	3.874	6.097	6.510	2.068	2.946	2.650	3.518	4.420	1.977	1.492	1.760	3.273	100

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DE0003R	manganese	pm10	0.310	1.208	1.639	2.721	1.680	2.434	2.913	1.472	2.033	1.105	0.278	0.907	1.560	100
DE0007R	manganese	pm10	1.618	2.703	1.414	5.833	1.772	3.274	1.876	3.248	2.720	1.969	2.122	1.410	2.487	100
DE0009R	manganese	pm10	1.269	2.821	1.232	6.846	1.469	2.366	1.634	2.503	1.762	1.433	2.039	1.187	2.200	100
ES1778R	manganese	pm10	1.390	2.989	2.794	1.876	1.671	5.821	4.138	3.696	2.069	2.183	0.953	1.002	2.716	25
ES1778R	manganese	pm25	0.739	1.219	1.250	0.830	0.540	1.792	2.066	1.290	2.378	-	0.530	0.316	1.295	20
ES1778R	manganese	pm1	0.358	0.668	0.416	0.439	0.151	0.386	0.354	0.288	0.254	0.180	0.231	0.285	0.327	24
FI0018R	manganese	pm10	0.876	1.006	0.975	3.686	1.156	7.576	4.232	5.061	2.626	0.746	3.311	1.096	2.689	97
FI0036R	manganese	pm10	0.251	0.475	0.217	1.113	2.164	0.587	0.588	0.876	0.452	0.075	0.087	0.125	0.567	97
FI0050R	manganese	pm10	0.950	1.000	0.853	3.302	1.599	1.883	1.145	1.811	1.190	0.772	1.681	0.319	1.372	96
GB0048R	manganese	pm10	0.634	1.878	1.067	3.875	1.071	0.956	1.575	0.973	1.002	1.007	0.756	0.642	1.277	100
GB1055R	manganese	pm10	1.706	2.605	2.356	5.750	2.424	1.636	3.057	2.404	2.415	2.174	1.923	1.109	2.457	100
IS0091R	manganese	aerosol	4.416	8.690	6.843	14.213	6.901	5.610	8.016	8.850	5.618	7.638	2.545	13.645	7.479	73
IT0019R	manganese	pm10	1.009	2.341	2.236	5.364	1.149	7.995	5.005	6.405	4.726	3.785	0.843	1.452	3.488	27
NO0002R	manganese	pm10	0.718	1.329	0.819	5.432	0.999	1.093	1.185	1.020	0.943	0.577	0.973	0.288	1.273	100
NO0042G	manganese	aerosol	0.265	0.307	0.367	0.885	0.796	0.291	0.275	0.620	0.246	0.819	0.517	1.028	0.565	27
NO0090R	manganese	aerosol	0.577	0.894	0.314	1.383	0.412	0.479	0.246	0.407	0.639	0.264	0.212	0.146	0.508	29
SE0005R	manganese	aerosol	0.210	0.604	0.318	1.358	0.763	0.853	0.876	0.820	0.610	0.247	0.220	0.183	0.587	100
SE0014R	manganese	aerosol	0.600	0.626	2.058	4.070	1.513	0.900	1.119	1.300	1.003	0.843	1.200	0.910	1.349	99
SE0020R	manganese	aerosol	0.920	1.933	1.700	4.767	1.436	1.100	1.607	1.700	1.386	1.026	1.200	1.100	1.673	80
SE0022R	manganese	aerosol	0.660	0.779	0.520	2.117	1.426	1.600	0.725	1.200	1.107	0.620	0.900	0.593	1.020	99
DE0002R	mercury (TGM)	air	1.579	1.721	1.493	1.584	1.477	1.599	1.521	1.644	1.653	1.716	1.593	1.615	1.599	100
DE0003R	mercury (TGM)	air	1.267	1.477	1.442	1.592	1.327	1.308	1.219	1.236	1.177	1.228	1.226	1.285	1.303	76
DE0008R	mercury (TGM)	air	1.457	1.549	1.557	1.576	1.501	1.508	1.502	1.592	1.459	1.336	-	-	1.510	78
DE0009R	mercury (TGM)	air	1.515	1.688	1.499	1.509	1.396	1.463	1.314	1.483	1.419	1.333	1.406	1.396	1.449	98
DK0010G	mercury	air	1.198	1.217	1.021	0.728	0.907	1.317	1.298	1.247	1.187	1.161	1.171	1.244	1.126	87
EE0009R	mercury	air	1.562	1.626	1.571	1.564	1.461	1.492	1.347	1.365	1.312	1.327	1.386	1.496	1.458	100
ES0008R	mercury (TGM)	air	0.388	0.563	0.376	1.066	0.746	0.685	0.628	-	-	0.584	0.464	0.469	0.572	50
FI0036R	mercury	aerosol	1.016	1.361	0.910	3.186	1.537	2.798	2.143	0.996	0.967	0.773	1.166	3.693	1.714	90
FI0036R	mercury	air+aerosol	1.456	1.413	1.356	1.225	0.943	1.300	1.286	1.342	1.176	1.114	1.200	1.350	1.273	25
GB0048R	mercury	pm25	1.413	2.992	-	-	2.293	1.667	1.611	1.030	2.709	1.388	1.899	0.763	1.883	26
GB0048R	mercury	air	1.176	1.351	-	-	1.345	1.415	1.326	1.323	1.289	1.254	1.345	1.304	1.319	38
GB0048R	mercury (RGM	air	0.804	1.760	-	-	0.816	1.104	0.539	0.440	0.710	0.316	0.493	0.544	0.850	25
GB1055R	mercury (TGM)	air	1.516	1.530	1.519	1.618	-	-	-	-	-	-	-	-	-	-
IS0091R	mercury	aerosol	4.912	9.310	1.998	1.319	2.361	2.480	4.216	2.800	1.428	0.752	0.761	1.573	2.658	73
NO0002R	mercury (GEM)	air	1.554	1.614	1.598	1.632	1.539	1.498	1.627	1.307	1.253	1.137	1.258	1.375	1.449	97
NO0042G	mercury (GEM)	air	1.380	1.166	0.921	1.381	1.355	1.359	1.383	1.564	1.642	1.588	1.611	1.662	1.423	86
NO0090R	mercury (GEM)	air	1.493	1.494	1.388	1.463	1.315	1.482	1.350	1.390	1.268	1.314	1.418	1.507	1.410	93

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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PL0005R	mercury (TGM)	air	1.167	1.350	1.075	1.875	1.620	1.450	1.425	1.400	1.475	3.967	2.575	2.175	1.760	13
SE0005R	mercury	air+aerosol	1.275	1.600	1.400	1.375	1.100	1.333	1.180	1.175	1.153	1.077	1.133	1.100	1.213	13
SE0014R	mercury	aerosol	11.133	1.288	0.400	11.713	7.722	10.911	5.989	6.594	5.242	7.825	9.032	5.164	7.231	24
SE0014R	mercury	air+aerosol	-	1.000	1.078	1.188	0.989	1.100	1.174	1.289	1.229	1.200	1.060	0.916	1.120	22
SE0020R	mercury	air+aerosol	1.420	1.425	1.250	1.463	1.188	1.300	1.180	1.150	1.100	1.140	1.150	1.233	1.257	13
SI0008R	mercury	air	1.477	-	-	1.386	1.345	-	1.107	1.000	1.209	-	1.300	1.253	1.242	41
DE0001R	molybdenum	pm10	0.194	0.325	0.180	0.168	0.109	0.105	0.095	0.172	0.117	0.114	0.143	0.135	0.155	92
DE0002R	molybdenum	pm10	0.343	0.494	0.573	0.204	0.129	0.165	0.082	0.230	0.238	0.240	0.195	0.242	0.260	100
DE0003R	molybdenum	pm10	0.060	0.122	0.172	0.133	0.188	0.101	0.146	0.084	0.133	0.049	0.040	0.034	0.105	100
DE0007R	molybdenum	pm10	0.146	0.283	0.120	0.137	0.095	0.106	0.035	0.119	0.132	0.138	0.195	0.157	0.137	100
DE0009R	molybdenum	pm10	0.137	0.325	0.135	0.121	0.071	0.084	0.051	0.113	0.108	0.136	0.191	0.158	0.134	100
IT0019R	molybdenum	pm10	0.250	0.289	0.371	0.419	0.388	0.313	0.250	0.358	0.926	0.472	0.403	0.250	0.376	27
BE0014R	nickel	pm10	2.148	3.156	2.012	2.200	4.145	2.743	2.419	1.800	1.436	1.721	0.927	0.994	2.138	96
CY0002R	nickel	pm10	0.804	0.178	0.021	0.186	0.235	1.199	0.833	1.255	1.220	1.998	2.357	0.492	0.879	93
CZ0003R	nickel	pm10	0.355	0.531	0.326	0.479	0.202	0.473	0.249	0.402	0.340	0.264	0.181	0.347	0.344	50
CZ0003R	nickel	pm25	0.103	0.232	0.306	0.396	0.186	0.249	0.180	0.132	0.510	0.646	0.087	0.127	0.261	50
CZ0005R	nickel	pm10	0.049	0.699	0.246	0.249	0.184	0.354	0.182	0.038	0.088	0.277	0.091	0.130	0.208	50
DE0001R	nickel	pm10	0.398	0.930	0.488	1.022	0.538	0.848	1.111	0.931	0.561	0.303	0.300	0.383	0.678	92
DE0002R	nickel	pm10	0.207	0.398	0.286	0.364	0.223	0.289	0.163	0.210	0.271	0.150	0.104	0.078	0.226	98
DE0003R	nickel	pm10	0.132	0.285	0.162	0.345	0.256	0.338	0.218	0.153	0.228	0.170	0.047	0.268	0.216	100
DE0009R	nickel	pm10	0.435	0.905	0.730	1.147	0.879	0.737	0.878	0.696	0.550	0.442	0.515	0.220	0.677	100
DK0008R	nickel	aerosol	0.270	0.609	0.374	0.651	0.670	0.890	0.932	0.485	0.329	0.209	0.403	0.291	0.510	92
DK0010G	nickel	aerosol	0.048	0.031	0.047	0.035	-	0.029	0.028	0.020	0.037	0.009	0.015	0.052	0.033	68
DK0012R	nickel	aerosol	0.543	0.746	0.347	1.048	0.521	0.647	0.414	0.567	0.386	0.432	0.457	0.483	0.537	92
EE0009R	nickel	pm10	0.212	0.166	0.715	0.125	0.135	0.195	0.273	0.175	0.111	0.178	0.299	0.127	0.227	98
ES0001R	nickel	pm10	1.002	0.758	0.526	1.216	0.483	0.715	0.592	0.884	0.454	0.420	0.382	0.408	0.650	16
ES0007R	nickel	pm10	2.406	1.913	1.949	2.483	1.603	2.393	1.822	1.356	1.566	1.302	0.764	1.028	1.715	16
ES0008R	nickel	pm10	0.372	1.158	0.736	0.904	0.530	0.669	1.284	-	-	0.534	0.402	0.372	0.692	14
ES0009R	nickel	pm10	0.454	0.527	0.408	0.522	0.390	0.582	0.518	0.420	0.420	0.420	0.420	0.346	0.451	16
ES0014R	nickel	pm10	0.420	0.472	0.408	0.408	0.552	0.436	0.498	1.226	0.872	0.552	0.420	0.473	0.560	17
ES1778R	nickel	pm10	0.219	0.509	0.454	0.539	0.391	0.256	0.072	0.339	0.134	0.498	0.072	0.438	0.312	25
ES1778R	nickel	pm25	0.607	0.249	0.409	0.751	0.681	0.066	0.109	0.125	0.714	-	0.240	0.430	0.363	20
ES1778R	nickel	pm1	0.120	0.378	0.731	0.926	0.683	0.320	0.229	0.138	0.081	0.661	0.434	0.189	0.388	24
FI0018R	nickel	pm10	0.579	0.400	0.382	0.495	0.630	0.558	0.237	0.421	0.323	0.235	0.388	0.357	0.414	97
FI0036R	nickel	pm10	0.654	0.537	0.179	0.203	0.371	0.068	0.247	0.236	0.137	0.130	0.226	0.073	0.254	97
FI0050R	nickel	pm10	0.400	0.291	0.227	0.269	0.196	0.223	0.230	0.211	0.148	0.140	0.151	0.239	0.228	96

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FR0008R	nickel	pm10	0.382	0.325	0.262	0.388	0.468	0.455	0.373	0.379	0.676	0.431	0.532	0.273	0.412	99
FR0009R	nickel	pm10	0.756	0.640	0.555	0.834	0.920	0.780	0.917	1.044	0.883	0.474	0.446	0.186	0.696	93
FR0013R	nickel	pm10	0.417	0.682	0.401	0.514	0.573	0.622	0.712	0.452	0.533	0.375	0.394	0.281	0.494	95
FR0023R	nickel	pm10	0.105	0.307	0.319	0.389	0.376	0.815	0.498	0.634	0.414	0.429	0.325	0.134	0.379	96
FR0024R	nickel	pm10	0.976	1.278	1.811	2.112	1.405	2.422	2.039	0.448	1.305	0.840	1.392	-	1.552	76
FR0025R	nickel	pm10	0.606	0.533	0.397	0.389	0.380	0.599	0.440	0.234	0.438	0.485	0.417	0.344	0.437	100
GB0013R	nickel	pm10	0.189	0.739	0.433	0.610	0.452	0.482	0.481	0.494	0.410	0.280	0.243	0.301	0.423	100
GB0017R	nickel	pm10	0.478	1.511	0.616	1.258	0.637	0.645	0.755	0.841	0.639	0.369	0.413	0.454	0.711	100
GB0048R	nickel	pm10	0.165	0.331	0.203	0.478	0.157	0.187	0.203	0.222	0.240	0.169	0.154	0.145	0.220	100
GB1055R	nickel	pm10	0.340	0.691	0.439	0.780	0.426	0.475	0.440	0.397	0.415	0.380	0.327	0.278	0.447	100
IS0091R	nickel	aerosol	0.608	0.670	0.290	2.029	1.800	1.280	0.462	0.340	0.938	0.378	0.616	0.648	0.899	73
IT0019R	nickel	pm10	0.250	0.863	1.716	0.692	1.499	1.658	1.138	0.888	0.754	0.934	0.335	0.310	0.915	27
LV0010R	nickel	pm10	0.338	0.167	0.464	0.770	0.453	0.171	0.504	0.442	0.074	0.407	0.178	0.226	0.351	50
NL0008R	nickel	pm10	0.418	0.935	0.573	0.670	1.013	0.711	0.700	0.854	0.518	1.054	1.285	0.471	0.771	48
NL0644R	nickel	pm25	0.294	2.042	0.478	1.385	0.401	0.310	0.610	0.459	0.474	0.769	1.256	0.495	0.722	24
NO0002R	nickel	pm10	0.137	0.292	0.094	0.392	0.110	0.245	0.212	0.267	0.152	0.075	0.078	0.108	0.179	100
NO0042G	nickel	aerosol	0.087	0.099	0.077	0.770	0.740	0.239	0.316	0.124	0.082	0.189	0.121	0.152	0.233	28
NO0090R	nickel	aerosol	0.148	0.825	0.065	0.331	0.401	0.087	0.245	0.122	0.123	0.050	0.088	0.040	0.209	29
PL0005R	nickel	pm10	0.476	0.526	0.321	0.485	0.217	0.321	0.428	0.348	0.369	0.449	0.452	0.420	0.400	86
PL0009R	nickel	pm10	0.260	0.330	0.532	0.777	0.680	0.716	0.689	0.482	0.274	0.255	0.222	0.401	0.473	84
SE0005R	nickel	aerosol	0.085	0.081	0.114	0.077	0.095	0.105	0.098	0.065	0.111	0.099	0.090	0.085	0.092	100
SE0014R	nickel	aerosol	0.121	0.299	0.541	0.496	0.296	0.290	0.351	0.270	0.941	0.247	0.230	0.375	0.371	99
SE0020R	nickel	aerosol	0.340	0.480	0.410	0.278	0.140	0.270	0.304	0.220	0.109	0.211	0.220	0.330	0.262	80
SE0022R	nickel	aerosol	0.260	0.113	0.095	0.119	0.237	0.220	0.119	0.260	0.115	0.115	0.210	0.112	0.165	99
SI0008R	nickel	pm10	0.318	0.318	0.318	0.642	0.318	1.104	0.318	0.318	0.318	0.811	0.318	0.318	0.426	20
SK0002R	nickel	aerosol	0.028	0.159	0.046	0.132	0.147	0.604	0.405	0.240	0.768	0.144	1.021	0.025	0.323	93
SK0004R	nickel	pm10	0.355	0.374	0.062	0.307	0.089	0.388	0.540	0.257	0.129	0.733	0.025	-	0.309	87
SK0006R	nickel	pm10	0.055	0.258	0.039	0.406	0.211	0.332	0.491	0.111	0.285	0.767	0.555	0.060	0.298	99
SK0007R	nickel	pm10	0.022	0.485	0.052	0.126	0.381	0.661	0.789	0.121	0.568	0.863	-	-	0.428	69
ES1778R	rubidium	pm10	0.125	0.377	0.318	0.161	0.183	0.776	0.529	0.481	0.260	0.300	0.095	0.128	0.333	25
ES1778R	rubidium	pm25	0.073	0.164	0.130	0.081	0.067	0.251	0.248	0.146	0.092	-	0.050	0.068	0.145	20
ES1778R	rubidium	pm1	0.055	0.133	0.073	0.060	0.054	0.072	0.075	0.066	0.051	0.065	0.045	0.046	0.064	24
CZ0003R	selenium	pm10	0.243	0.288	0.256	0.331	0.246	0.356	0.287	0.208	0.362	0.297	0.162	0.166	0.266	50
CZ0003R	selenium	pm25	0.203	0.281	0.217	0.244	0.230	0.263	0.280	0.214	0.265	0.234	0.114	0.159	0.225	50
CZ0005R	selenium	pm10	0.126	0.116	0.159	0.209	0.134	0.208	0.159	0.128	0.124	0.105	0.106	0.090	0.139	50
DE0001R	selenium	pm10	0.453	0.670	0.361	0.438	0.374	0.496	0.386	0.487	0.372	0.377	0.460	0.416	0.438	92

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DE0002R	selenium	pm10	0.480	0.697	0.808	0.474	0.400	0.471	0.388	0.541	0.477	0.392	0.340	0.405	0.488	100
DE0003R	selenium	pm10	0.071	0.092	0.131	0.190	0.174	0.185	0.234	0.201	0.174	0.073	0.049	0.034	0.134	100
DE0007R	selenium	pm10	0.388	0.597	0.276	0.375	0.303	0.434	0.259	0.405	0.422	0.430	0.591	0.441	0.408	100
DE0009R	selenium	pm10	0.366	0.631	0.308	0.391	0.299	0.402	0.302	0.404	0.404	0.289	0.436	0.373	0.382	100
ES1778R	selenium	pm10	0.041	0.042	0.027	0.040	0.024	0.063	0.051	0.084	0.049	0.131	0.031	0.051	0.050	25
ES1778R	selenium	pm25	0.036	0.029	0.033	0.033	0.021	0.060	0.061	0.045	0.080	-	0.090	0.051	0.046	20
ES1778R	selenium	pm1	0.021	0.015	0.018	0.029	0.028	0.042	0.055	0.063	0.059	0.051	0.019	0.031	0.037	24
GB0048R	selenium	pm10	0.201	0.296	0.222	0.450	0.234	0.252	0.250	0.234	0.273	0.234	0.210	0.217	0.255	100
GB1055R	selenium	pm10	0.380	0.437	0.384	0.657	0.493	0.416	0.470	0.404	0.403	0.381	0.385	0.253	0.421	100
ES1778R	strontium	pm10	0.233	1.079	0.883	0.706	0.675	3.626	1.367	1.410	1.123	1.078	0.244	0.438	1.174	25
ES1778R	strontium	pm25	0.059	0.313	0.120	0.136	0.015	0.944	0.597	0.381	0.229	-	0.070	0.108	0.336	20
ES1778R	strontium	pm1	0.054	0.109	0.056	0.082	0.054	0.164	0.030	0.028	0.079	0.073	0.052	0.068	0.070	24
IT0019R	strontium	pm10	0.500	0.650	1.029	5.784	0.500	5.300	2.378	2.745	1.400	1.444	0.500	1.006	1.967	27
DE0001R	thallium	pm10	0.033	0.032	0.014	0.020	0.007	0.008	0.005	0.009	0.006	0.008	0.021	0.011	0.014	92
DE0002R	thallium	pm10	0.034	0.029	0.030	0.022	0.009	0.010	0.007	0.012	0.009	0.011	0.017	0.012	0.017	100
DE0003R	thallium	pm10	0.005	0.005	0.006	0.011	0.005	0.005	0.006	0.006	0.006	0.006	0.002	0.002	0.006	100
DE0007R	thallium	pm10	0.041	0.031	0.011	0.024	0.007	0.014	0.005	0.011	0.010	0.015	0.043	0.017	0.019	100
DE0009R	thallium	pm10	0.029	0.029	0.010	0.024	0.007	0.010	0.004	0.009	0.010	0.009	0.032	0.017	0.016	100
ES1778R	thallium	pm10	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	25
ES1778R	thallium	pm25	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-	0.015	0.015	0.015	20
ES1778R	thallium	pm1	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	24
ES1778R	thorium	pm10	0.015	0.039	0.044	0.030	0.024	0.072	0.033	0.042	0.026	0.038	0.021	0.045	0.037	25
ES1778R	thorium	pm25	0.015	0.020	0.015	0.015	0.031	0.045	0.039	0.021	0.015	-	0.040	0.018	0.026	20
ES1778R	thorium	pm1	0.015	0.015	0.022	0.029	0.028	0.023	0.026	0.019	0.015	0.015	0.019	0.040	0.022	24
ES1778R	tin	pm10	0.170	0.291	0.230	0.321	0.260	0.378	0.461	0.350	0.253	0.290	0.086	0.122	0.273	25
ES1778R	tin	pm25	0.153	0.214	0.136	0.143	0.184	0.227	0.293	0.261	0.200	-	0.100	0.124	0.201	20
ES1778R	tin	pm1	0.116	0.205	0.120	0.143	0.163	0.168	0.200	0.200	0.146	0.158	0.056	0.099	0.148	24
IT0019R	tin	pm10	0.697	0.719	0.899	0.803	0.686	0.928	0.250	0.673	0.922	0.846	0.603	0.352	0.688	27
DE0001R	titanium	pm10	1.686	1.819	1.102	10.122	2.300	4.200	2.843	2.091	1.160	1.011	1.327	1.274	2.674	92
DE0002R	titanium	pm10	1.374	1.820	4.832	9.439	2.683	4.336	3.674	4.087	7.024	1.559	0.851	0.936	3.553	100
DE0003R	titanium	pm10	0.198	2.357	1.747	5.522	1.757	4.534	3.978	1.671	2.386	2.800	0.191	2.646	2.475	100
DE0007R	titanium	pm10	1.601	1.620	1.274	9.130	1.991	5.077	2.829	3.334	2.761	1.076	1.741	0.783	2.762	100
DE0009R	titanium	pm10	1.470	2.189	1.011	11.702	2.038	4.646	2.798	3.033	1.783	0.757	1.553	0.703	2.795	100
ES1778R	titanium	pm10	3.534	13.010	9.885	4.631	4.960	33.652	20.783	17.998	9.181	9.040	1.829	3.520	12.079	25
ES1778R	titanium	pm25	1.127	3.539	3.026	1.854	1.443	9.347	8.595	5.645	2.876	-	1.710	1.652	4.454	20
ES1778R	titanium	pm1	0.446	2.413	0.356	0.605	0.324	2.145	1.109	0.786	0.767	0.375	0.208	0.567	0.840	24

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
IT0019R	titanium	pm10	0.853	4.163	2.893	14.493	0.856	22.525	14.868	15.830	7.500	7.326	0.325	3.650	7.966	27
NO0002R	titanium	pm10	0.806	2.868	2.033	9.702	1.887	2.746	2.800	2.287	1.364	0.453	0.714	0.358	2.320	100
NO0042G	titanium	aerosol	0.863	1.035	1.176	2.316	3.753	1.808	0.952	1.567	0.959	3.177	1.912	2.650	1.872	28
NO0090R	titanium	aerosol	1.512	2.460	1.413	2.849	1.491	3.325	0.934	1.508	2.194	1.100	0.805	0.740	1.687	29
ES1778R	uranium	pm10	0.022	0.030	0.061	0.059	0.038	0.016	0.015	0.015	0.031	0.075	0.036	0.080	0.037	25
ES1778R	uranium	pm25	0.017	0.017	0.015	0.015	0.053	0.028	0.026	0.015	0.018	-	0.090	0.046	0.026	20
ES1778R	uranium	pm1	0.028	0.021	0.031	0.043	0.069	0.035	0.021	0.015	0.021	0.059	0.041	0.095	0.038	24
CY0002R	vanadium	pm10	2.983	1.740	1.626	2.596	3.481	3.916	2.786	3.380	3.134	2.787	4.315	0.876	2.820	93
CZ0003R	vanadium	pm10	0.137	0.279	0.182	0.673	0.214	0.588	0.430	0.268	0.314	0.368	0.172	0.158	0.314	50
CZ0003R	vanadium	pm25	0.072	0.150	0.086	0.292	0.128	0.316	0.191	0.149	0.147	0.263	0.099	0.113	0.166	50
CZ0005R	vanadium	pm10	0.052	0.189	0.109	0.406	0.164	0.513	0.288	0.196	0.146	0.230	0.097	0.065	0.203	50
DE0001R	vanadium	pm10	0.325	1.074	0.643	1.335	0.671	0.873	0.693	0.688	0.458	0.390	0.479	0.398	0.681	92
DE0002R	vanadium	pm10	0.215	0.360	1.037	0.857	0.457	0.463	0.384	0.423	0.743	0.268	0.121	0.167	0.459	100
DE0003R	vanadium	pm10	0.071	0.315	0.156	0.331	0.198	0.422	0.342	0.253	0.234	0.302	0.030	0.169	0.234	100
DE0007R	vanadium	pm10	0.283	0.369	0.274	0.708	0.383	0.481	0.347	0.388	0.309	0.276	0.210	0.157	0.348	100
DE0009R	vanadium	pm10	0.676	1.637	1.471	2.420	1.844	1.453	1.855	1.339	0.661	0.540	0.493	0.405	1.232	100
ES1778R	vanadium	pm10	0.493	0.991	0.978	1.040	1.233	2.035	1.808	1.938	1.143	1.823	0.370	0.573	1.221	25
ES1778R	vanadium	pm25	0.300	0.730	0.820	0.813	1.067	1.612	1.825	1.856	1.320	-	0.190	0.358	1.138	20
ES1778R	vanadium	pm1	0.176	0.710	0.710	0.700	1.103	1.276	1.330	1.601	0.993	1.563	0.175	0.421	0.907	24
FI0018R	vanadium	pm10	0.879	0.747	0.749	0.993	0.709	1.296	0.441	0.874	0.582	0.574	0.807	0.580	0.766	97
FI0036R	vanadium	pm10	1.141	0.856	0.180	0.289	0.710	0.103	0.130	0.156	0.089	0.130	0.353	0.276	0.363	97
FI0050R	vanadium	pm10	0.503	0.422	0.299	0.386	0.271	0.334	0.152	0.364	0.197	0.187	0.278	0.226	0.304	96
GB0048R	vanadium	pm10	0.231	0.651	0.380	0.613	0.248	0.329	0.396	0.388	0.341	0.241	0.166	0.193	0.346	100
GB1055R	vanadium	pm10	0.376	1.025	0.639	0.879	0.668	0.828	0.785	0.741	0.752	0.524	0.392	0.449	0.668	100
IS0091R	vanadium	aerosol	1.007	1.860	1.463	2.838	1.614	1.070	1.729	1.990	1.374	1.615	0.550	2.730	1.599	73
IT0019R	vanadium	pm10	0.347	0.723	1.059	1.426	0.617	2.935	1.700	1.888	1.464	1.656	0.320	0.540	1.221	27
NO0002R	vanadium	pm10	0.177	0.505	0.200	0.743	0.231	0.510	0.466	0.473	0.203	0.122	0.099	0.111	0.318	100
NO0042G	vanadium	aerosol	0.070	0.092	0.071	0.079	0.101	0.040	0.048	0.060	0.035	0.115	0.080	0.140	0.081	28
NO0090R	vanadium	aerosol	0.158	0.170	0.101	0.252	0.351	0.245	0.696	0.252	0.159	0.071	0.130	0.056	0.225	29
SE0005R	vanadium	aerosol	0.100	0.160	0.075	0.185	0.116	0.109	0.130	0.140	0.085	0.037	0.078	0.040	0.104	100
SE0014R	vanadium	aerosol	0.288	0.509	1.123	1.083	0.795	0.770	1.066	0.750	0.668	0.494	0.320	0.610	0.708	99
SE0020R	vanadium	aerosol	0.340	0.958	0.810	0.557	0.380	0.380	0.630	0.780	0.545	0.409	0.400	0.520	0.521	80
SE0022R	vanadium	aerosol	0.110	0.189	0.093	0.341	0.347	0.330	0.130	0.310	0.226	0.147	0.210	0.163	0.216	99
BE0014R	zinc	pm10	17.11	31.12	16.45	22.09	9.33	13.79	10.05	12.71	11.14	14.37	19.55	14.47	15.88	96
CY0002R	zinc	pm10	6.75	8.20	6.70	9.52	11.53	11.87	13.23	13.89	13.01	11.90	23.85	5.49	11.21	93
CZ0003R	zinc	pm10	10.10	9.69	5.27	12.50	5.73	6.71	4.06	5.29	6.06	7.32	7.66	6.27	7.20	50

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
CZ0003R	zinc	pm25	7.55	8.24	3.75	9.02	5.55	4.45	2.85	7.91	4.79	6.88	5.87	5.50	6.02	50
CZ0005R	zinc	pm10	5.26	4.44	2.22	7.92	4.97	5.41	3.46	3.07	3.19	3.34	2.74	2.00	3.99	50
DE0001R	zinc	pm10	10.31	15.49	4.83	11.50	3.29	6.81	2.74	4.22	2.96	4.77	8.83	11.62	7.05	92
DE0002R	zinc	pm10	15.41	21.72	18.15	14.50	5.52	7.69	4.09	7.54	7.72	9.55	11.71	10.44	11.09	100
DE0003R	zinc	pm10	2.09	3.43	5.82	7.33	4.41	4.39	6.14	4.72	5.95	1.60	1.76	2.27	4.20	98
DE0007R	zinc	pm10	12.66	16.89	6.26	11.71	4.54	7.33	2.61	6.44	6.27	9.97	15.57	10.16	9.12	100
DE0009R	zinc	pm10	9.82	14.87	5.51	11.80	3.20	4.35	2.62	4.75	5.78	6.79	13.82	7.72	7.51	100
ES0001R	zinc	pm10	4.49	3.26	4.50	8.53	3.34	7.33	3.06	3.41	4.63	2.46	3.80	5.79	4.55	16
ES0007R	zinc	pm10	4.87	2.48	4.23	10.14	4.78	8.39	3.32	7.97	3.92	4.96	7.81	8.63	5.96	16
ES0008R	zinc	pm10	4.98	14.62	19.65	23.68	18.66	11.06	9.58	-	-	12.95	8.77	9.70	13.32	14
ES0009R	zinc	pm10	2.64	2.09	2.69	5.34	2.61	4.05	5.13	3.32	4.14	3.15	6.77	3.92	3.81	16
ES0014R	zinc	pm10	15.54	7.65	5.00	10.16	7.92	6.55	7.53	6.43	14.30	5.90	5.10	12.77	8.77	17
ES1778R	zinc	pm10	4.31	8.27	6.98	7.52	4.51	6.45	6.83	10.98	5.84	6.32	1.66	4.21	6.17	25
ES1778R	zinc	pm25	10.13	11.29	7.97	14.18	7.88	8.01	12.69	6.29	13.33	-	8.27	15.38	10.26	20
ES1778R	zinc	pm1	3.32	7.39	3.21	5.28	4.10	3.38	4.01	6.13	2.15	3.59	1.39	4.07	3.84	24
FI0018R	zinc	pm10	7.66	8.51	4.85	8.60	2.21	6.86	4.80	5.94	5.38	4.41	13.23	6.85	6.63	97
FI0036R	zinc	pm10	2.28	2.98	1.24	3.36	5.05	1.02	0.78	1.74	1.46	0.58	0.77	0.89	1.81	97
FI0050R	zinc	pm10	6.53	5.45	3.65	9.08	3.58	3.73	2.06	4.12	4.53	4.72	7.10	3.33	4.83	96
GB0013R	zinc	pm10	4.35	8.74	5.22	9.51	5.09	3.37	3.66	2.03	2.68	3.67	3.91	3.55	4.61	100
GB0017R	zinc	pm10	10.80	20.72	10.48	17.23	4.48	5.39	6.43	7.10	7.29	6.84	9.12	8.95	9.48	100
GB0048R	zinc	pm10	2.41	5.68	2.14	8.28	3.19	5.70	2.75	1.84	2.04	3.01	3.46	2.50	3.55	100
GB1055R	zinc	pm10	9.51	11.39	9.29	20.28	7.77	5.51	5.48	4.84	5.56	7.69	9.42	5.08	8.44	100
IS0091R	zinc	aerosol	1.43	2.95	1.57	2.86	2.24	1.11	1.39	1.32	1.26	1.18	0.89	1.86	1.69	73
IT0019R	zinc	pm10	5.00	5.91	6.04	5.00	5.00	5.00	5.00	18.15	5.00	5.00	5.00	19.28	7.68	27
NL0008R	zinc	pm10	25.35	32.60	20.30	31.58	20.76	23.98	41.08	29.16	16.92	22.12	37.74	24.10	27.12	50
NL0644R	zinc	pm25	29.44	41.41	15.97	28.80	21.93	16.21	14.55	16.77	14.96	16.79	34.00	24.66	22.71	25
NO0002R	zinc	pm10	4.12	4.08	1.60	9.67	1.91	2.27	2.00	3.25	2.95	1.93	2.24	15.12	4.26	100
NO0042G	zinc	aerosol	1.34	1.12	1.52	6.86	3.79	3.35	1.20	3.53	0.40	0.90	1.10	1.23	2.06	27
NO0090R	zinc	aerosol	1.23	2.08	0.76	3.06	1.10	0.55	0.53	1.00	1.03	0.52	0.36	0.21	1.06	29
PL0005R	zinc	pm10	18.35	17.54	7.12	8.81	10.37	8.11	2.26	11.19	7.86	9.33	7.58	11.79	10.00	86
SE0005R	zinc	aerosol	1.60	1.51	0.82	3.40	1.65	1.74	1.15	1.50	1.36	3.79	0.94	0.38	1.65	100
SE0014R	zinc	aerosol	3.25	3.01	4.83	6.93	2.37	1.70	2.24	3.50	3.68	3.60	5.60	5.60	3.85	99
SE0020R	zinc	aerosol	6.50	9.23	6.90	4.83	3.54	2.20	3.25	4.00	4.97	4.38	6.30	5.60	4.94	80
SE0022R	zinc	aerosol	6.39	2.45	1.20	3.39	2.59	2.50	1.80	2.80	5.51	2.94	4.20	3.36	3.26	99
SI0008R	zinc	pm10	7.08	11.86	3.17	8.50	3.17	3.17	3.17	5.08	5.57	3.17	3.17	5.67	5.39	20
SK0002R	zinc	aerosol	1.59	1.75	0.68	4.97	3.00	10.71	5.54	6.68	2.47	0.85	0.15	0.15	3.22	93
SK0004R	zinc	pm10	18.69	16.81	7.07	10.23	4.45	6.87	6.30	7.47	4.78	7.89	5.31	-	8.82	87
SK0006R	zinc	pm10	13.40	14.51	9.17	11.00	5.86	5.97	6.84	4.61	5.29	7.59	4.82	6.91	7.96	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
SK0007R	zinc	pm10	8.44	20.56	10.99	15.08	7.09	8.24	5.88	6.78	12.68	18.67	-	-	11.09	69

Appendix G

Monthly and annual mean values for POPs in precipitation

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
CZ0003R	acenaphthene	precip	1.348	1.367	0.040	0.593	0.719	1.332	1.304	0.856	1.180	1.499	1.539	2.689	1.075	77
CZ0003R	acenaphthylene	precip	5.555	6.680	2.489	0.641	0.618	0.355	0.092	0.232	1.354	2.154	2.949	5.012	1.564	77
CZ0003R	alpha_HCH	precip	0.048	0.057	0.078	0.066	0.063	0.061	0.095	0.036	0.054	0.030	0.056	0.021	0.057	77
CZ0003R	anthracene	precip	1.532	2.063	1.838	0.018	0.281	0.018	0.390	1.042	0.018	0.816	1.266	2.145	0.825	77
CZ0003R	benz_a_anthracene	precip	9.911	24.676	5.473	1.135	1.573	0.018	0.042	0.406	0.597	4.250	5.097	4.009	3.331	77
CZ0003R	benzo_a_pyrene	precip	6.246	25.595	3.513	0.043	0.043	0.043	0.043	0.402	0.153	3.478	3.383	2.306	2.533	77
CZ0003R	benzo_b_fluoranthene	precip	15.838	45.093	6.312	1.570	1.637	0.036	0.036	0.762	0.653	6.345	8.061	4.882	5.169	77
CZ0003R	benzo_ghi_perylene	precip	10.787	35.342	4.177	1.304	1.069	0.023	0.023	0.322	0.347	3.801	4.736	1.908	3.571	77
CZ0003R	benzo_k_fluoranthene	precip	6.283	17.433	2.393	0.036	0.834	0.036	0.036	0.036	0.148	0.036	1.226	1.825	1.659	77
CZ0003R	beta_HCH	precip	0.014	0.014	0.044	0.014	0.024	0.034	0.073	0.038	0.014	0.014	0.028	0.014	0.032	77
CZ0003R	delta_HCH	precip	0.018	0.018	0.018	0.018	0.018	0.018	0.052	0.018	0.018	0.018	0.018	0.018	0.021	77
CZ0003R	dibenzo_ah_anthracene	precip	0.808	2.124	0.222	0.040	0.040	0.040	0.040	0.040	0.040	0.380	0.040	0.040	0.211	77
CZ0003R	fluoranthene	precip	92.525	117.752	31.695	12.925	13.927	6.229	5.772	8.425	10.348	23.121	37.326	43.896	23.745	77
CZ0003R	fluorene	precip	24.296	21.649	4.985	0.040	0.040	0.040	0.555	2.329	4.948	6.838	10.093	21.550	5.022	77
CZ0003R	gamma_HCH	precip	0.140	0.185	0.372	0.192	0.173	0.248	0.670	0.238	0.159	0.134	0.117	0.136	0.253	77
CZ0003R	HCB	precip	0.008	0.091	0.048	0.043	0.016	0.026	0.008	0.008	0.008	0.010	0.008	0.008	0.020	77
CZ0003R	inden_123cd_pyrene	precip	11.137	37.417	4.828	1.671	1.281	0.034	0.034	0.473	0.364	4.961	5.170	2.548	3.966	77
CZ0003R	naphthalene	precip	89.500	66.600	38.229	15.946	19.735	17.015	16.391	14.710	32.832	42.098	53.033	171.310	34.476	77
CZ0003R	PCB_101	precip	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	77
CZ0003R	PCB_118	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	77
CZ0003R	PCB_138	precip	0.008	0.019	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	77
CZ0003R	PCB_153	precip	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	77
CZ0003R	PCB_180	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	77
CZ0003R	PCB_28	precip	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	77
CZ0003R	PCB_52	precip	0.017	0.008	0.007	0.009	0.013	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.008	77
CZ0003R	phenanthrene	precip	79.383	84.284	33.281	14.298	17.700	14.601	14.341	14.119	18.697	31.387	50.122	92.168	29.081	77
CZ0003R	pp_DDD	precip	0.006	0.008	0.013	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	77
CZ0003R	pp_DDE	precip	0.032	0.059	0.043	0.027	0.014	0.007	0.008	0.015	0.011	0.038	0.052	0.060	0.024	77
CZ0003R	pp_DDT	precip	0.114	0.130	0.096	0.036	0.017	0.006	0.006	0.022	0.010	0.006	0.006	0.006	0.028	77
CZ0003R	pyrene	precip	59.035	87.002	24.579	8.629	9.466	3.492	4.907	10.018	10.749	23.342	30.055	27.047	18.506	77
CZ0003R	precipitation_amount	precip	76	30	59	12	104	42	64	96	31	44	47	25	631	100
FR0008R	benz_a_anthracene	precip	1.939	1.207	1.108	1.881	1.809	1.661	1.490	1.610	0.843	0.516	0.783	0.824	1.225	100
FR0008R	benzo_a_pyrene	precip	3.993	3.345	1.885	4.613	4.855	3.445	3.054	4.132	1.954	1.234	1.967	1.848	2.771	100
FR0008R	benzo_b_fluoranthene	precip	9.743	10.334	3.796	9.068	8.426	5.959	4.288	5.881	3.067	2.312	4.660	3.889	5.633	100
FR0008R	benzo_k_fluoranthene	precip	3.579	3.900	1.917	4.610	3.666	2.683	2.649	2.731	1.403	1.056	1.733	1.456	2.405	100
FR0008R	dibenzo_ah_anthracene	precip	1.815	2.253	1.279	0.805	1.150	0.651	0.903	1.329	0.628	0.315	0.686	0.676	1.026	100
FR0008R	inden_123cd_pyrene	precip	7.709	6.528	3.556	6.271	6.998	5.651	4.527	5.577	2.700	1.862	3.377	3.413	4.605	100
FR0008R	precipitation_amount	precip	187.955	82.102	200.980	79.310	129.303	61.265	74.291	60.421	104.515	167.521	116.373	240.705	1504.740	99
FR0009R	benz_a_anthracene	precip	5.052	1.272	1.549	4.035	2.825	2.910	3.325	1.453	1.365	1.028	2.889	1.522	2.069	100
FR0009R	benzo_a_pyrene	precip	8.372	2.563	2.627	8.480	5.382	6.509	7.005	2.812	2.647	2.140	5.303	2.411	3.869	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
FR0009R	benzo_b_fluoranthene	precip	18.858	6.457	4.750	15.831	9.845	10.877	10.482	4.115	4.442	4.212	15.727	6.216	8.156	100
FR0009R	benzo_k_fluoranthene	precip	6.962	2.628	2.203	6.720	4.116	4.850	5.187	1.790	1.955	1.615	5.578	2.236	3.258	100
FR0009R	dibenzo_ah_anthracene	precip	3.697	0.994	0.934	2.644	0.911	0.889	2.320	0.856	0.795	0.626	2.531	1.104	1.336	100
FR0009R	inden_123cd_pyrene	precip	16.362	5.188	4.021	12.417	7.873	9.770	10.030	3.796	4.656	3.497	11.724	5.308	6.809	100
FR0009R	precipitation_amount	precip	69	90	186	63	88	48	35	51	119	193	128	191	1260	99
FR0013R	benz_a_anthracene	precip	0.694	0.295	1.184	0.901	0.594	0.257	0.352	0.295	1.102	0.422	0.283	0.327	0.466	100
FR0013R	benzo_a_pyrene	precip	0.941	0.677	1.184	1.726	1.309	1.067	0.656	0.482	2.387	0.782	0.496	0.382	0.841	100
FR0013R	benzo_b_fluoranthene	precip	2.118	1.273	3.956	2.828	2.369	1.315	0.890	0.868	2.536	1.218	1.077	1.123	1.548	100
FR0013R	benzo_k_fluoranthene	precip	0.795	0.305	1.733	0.979	0.729	0.545	0.539	0.418	0.661	0.386	0.340	0.362	0.544	100
FR0013R	dibenzo_ah_anthracene	precip	0.537	0.257	0.715	0.582	0.347	0.362	0.234	0.268	0.661	0.124	0.086	0.143	0.270	100
FR0013R	inden_123cd_pyrene	precip	1.982	0.894	2.908	2.407	1.639	1.288	1.572	1.393	3.031	0.855	0.718	0.837	1.323	100
FR0013R	precipitation_amount	precip	62	62	33	78	91	47	75	66	26	139	204	116	998	100
FR0023R	benz_a_anthracene	precip	2.799	0.321	1.111	0.904	0.577	0.863	1.110	1.254	1.034	0.767	0.621	0.651	0.745	99
FR0023R	benzo_a_pyrene	precip	3.452	0.788	3.457	1.515	1.114	1.639	2.591	2.677	1.083	1.163	0.622	0.641	1.140	99
FR0023R	benzo_b_fluoranthene	precip	8.709	1.305	3.655	1.925	1.956	3.709	4.812	4.561	1.776	1.965	1.227	1.805	2.023	99
FR0023R	benzo_k_fluoranthene	precip	3.054	0.549	1.641	0.681	0.801	1.466	0.926	1.045	0.451	0.803	0.516	0.618	0.767	99
FR0023R	dibenzo_ah_anthracene	precip	2.345	0.353	0.967	0.293	0.327	0.432	0.926	1.045	0.451	0.376	0.138	0.340	0.392	99
FR0023R	inden_123cd_pyrene	precip	6.919	1.146	3.242	1.761	1.547	2.415	4.071	4.848	2.042	2.163	0.933	1.356	1.793	99
FR0023R	precipitation_amount	precip	20	102	45	73	89	26	13	17	38	225	218	164	1029	100
FR0024R	benz_a_anthracene	precip	4.699	1.183	3.084	3.962	1.732	2.864	4.482	2.787	1.084	0.446	0.549	0.577	1.567	100
FR0024R	benzo_a_pyrene	precip	5.788	1.938	3.683	5.348	3.881	9.595	13.028	5.763	2.142	0.715	0.701	0.722	2.906	100
FR0024R	benzo_b_fluoranthene	precip	9.960	3.396	5.790	11.051	6.049	13.771	23.258	7.830	3.023	1.536	1.922	2.020	4.988	100
FR0024R	benzo_k_fluoranthene	precip	4.081	1.196	2.822	5.011	2.522	5.674	10.017	3.903	1.383	0.482	0.670	0.722	2.086	100
FR0024R	dibenzo_ah_anthracene	precip	2.017	0.506	1.146	1.888	1.003	2.086	4.413	1.486	0.645	0.147	0.205	0.227	0.829	100
FR0024R	inden_123cd_pyrene	precip	6.717	2.160	4.810	7.677	4.812	12.040	19.829	5.521	2.332	0.959	1.188	1.258	3.759	100
FR0024R	precipitation_amount	precip	25	72	54	41	75	38	25	32	69	166	168	14	780	92
FR0025R	benz_a_anthracene	precip	2.529	1.273	2.146	4.632	2.904	2.411	5.511	4.693	1.335	0.549	0.615	0.450	1.720	100
FR0025R	benzo_a_pyrene	precip	3.448	2.326	3.461	6.655	5.335	7.220	11.105	7.538	2.112	1.177	0.957	0.686	3.148	100
FR0025R	benzo_b_fluoranthene	precip	9.763	4.066	4.004	14.033	7.372	7.226	13.905	10.474	3.333	2.146	2.378	1.884	5.029	100
FR0025R	benzo_k_fluoranthene	precip	3.566	1.763	2.083	7.146	3.378	3.544	5.850	4.514	1.560	1.008	0.855	0.680	2.231	100
FR0025R	dibenzo_ah_anthracene	precip	1.555	0.489	1.156	2.051	0.946	0.489	1.952	1.854	0.404	0.294	0.232	0.171	0.682	100
FR0025R	inden_123cd_pyrene	precip	7.697	3.165	4.365	9.320	6.342	7.399	12.380	9.932	3.005	1.735	1.881	1.537	4.280	100
FR0025R	precipitation_amount	precip	42	37	43	29	75	49	21	16	42	114	86	97	652	100
IS0091R	alpha_HCH	precip	0.024	0.017	0.024	0.020	0.055	0.092	0.031	0.048	0.020	0.021	0.017	0.014	0.026	100
IS0091R	BDE_100	precip	0.004	0.007	0.005	0.004	0.007	0.009	0.003	0.011	0.004	0.004	0.004	0.003	0.005	100
IS0091R	BDE_47	precip	0.005	0.012	0.011	0.008	0.007	0.009	0.003	0.011	0.005	0.009	0.007	0.007	0.007	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
IS0091R	BDE_99	precip	0.005	0.012	0.008	0.010	0.007	0.009	0.003	0.019	0.007	0.009	0.006	0.005	0.007	100
IS0091R	beta_HCH	precip	0.004	0.003	0.003	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	cis_CD	precip	0.004	0.003	0.005	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.004	0.003	0.004	100
IS0091R	dieldrin	precip	0.007	0.012	0.016	0.008	0.012	0.013	0.006	0.011	0.006	0.009	0.014	0.009	0.010	100
IS0091R	gamma_HCH	precip	0.004	0.007	0.007	0.014	0.022	0.009	0.009	0.012	0.014	0.007	0.005	0.003	0.009	100
IS0091R	HCB	precip	0.006	0.009	0.009	0.010	0.014	0.008	0.003	0.030	0.006	0.007	0.015	0.009	0.009	100
IS0091R	op_DDT	precip	0.004	0.003	0.003	0.013	0.008	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.005	100
IS0091R	PCB_101	precip	0.015	0.016	0.014	0.014	0.032	0.031	0.014	0.025	0.011	0.016	0.013	0.013	0.015	100
IS0091R	PCB_105	precip	0.004	0.003	0.003	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	PCB_118	precip	0.004	0.006	0.004	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.005	0.003	0.004	100
IS0091R	PCB_138	precip	0.004	0.008	0.004	0.004	0.011	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	PCB_153	precip	0.004	0.009	0.005	0.004	0.014	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.005	100
IS0091R	PCB_156	precip	0.004	0.003	0.003	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	PCB_180	precip	0.005	0.010	0.004	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	PCB_28	precip	0.010	0.008	0.008	0.010	0.018	0.022	0.007	0.028	0.007	0.010	0.017	0.008	0.011	100
IS0091R	PCB_31	precip	0.010	0.008	0.008	0.010	0.018	0.022	0.007	0.028	0.007	0.010	0.015	0.008	0.010	100
IS0091R	PCB_52	precip	0.004	0.003	0.003	0.004	0.025	0.009	0.003	0.011	0.003	0.005	0.011	0.004	0.006	100
IS0091R	pp_DDD	precip	0.004	0.003	0.003	0.011	0.008	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	pp_DDE	precip	0.004	0.003	0.005	0.024	0.009	0.009	0.005	0.011	0.003	0.004	0.003	0.003	0.006	100
IS0091R	pp_DDT	precip	0.008	0.006	0.007	0.089	0.023	0.018	0.006	0.022	0.005	0.007	0.005	0.006	0.015	100
IS0091R	trans_CD	precip	0.004	0.003	0.005	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.003	0.003	0.004	100
IS0091R	trans_NO	precip	0.004	0.003	0.005	0.004	0.007	0.009	0.003	0.011	0.003	0.004	0.004	0.003	0.004	100
IS0091R	precipitation_amount	precip	56	52	65	54	31	20	74	17	79	57	68	74	646	100
LV0010R	benz_a_anthracene	precip	-	-	5.681	-	0.850	0.850	0.850	0.850	0.850	2.435	4.256	8.607	2.998	82
LV0010R	benzo_a_pyrene	precip	-	-	5.081	-	1.312	0.500	0.500	0.500	0.757	2.358	2.424	5.313	2.252	82
LV0010R	benzo_b_fluoranthene	precip	-	-	12.519	-	2.612	1.809	0.800	0.800	1.172	3.891	4.525	11.000	4.487	82
LV0010R	benzo_k_fluoranthene	precip	-	-	4.500	-	1.000	1.000	1.000	1.000	1.000	1.855	1.952	4.862	2.090	82
LV0010R	dibenzo_ah_anthracene	precip	-	-	1.400	-	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	82
LV0010R	inden_123cd_pyrene	precip	-	-	9.713	-	2.625	1.500	1.500	1.500	1.500	3.243	4.799	8.125	3.878	82
LV0010R	precipitation_amount	precip	0	31	58	2	62	38	36	22	150	134	61	89	681	91
NL0091R	acenaphthene	precip	0.964	0.816	1.013	2.472	1.352	5.400	5.910	4.874	4.039	3.998	7.370	-	3.744	100
NL0091R	acenaphthylene	precip	3.543	2.575	1.672	3.565	1.788	0.940	0.903	1.159	0.860	1.067	2.240	-	1.580	100
NL0091R	anthracene	precip	0.846	0.755	0.669	2.162	1.044	1.374	1.681	2.385	1.375	1.286	1.750	-	1.338	100
NL0091R	benz_a_anthracene	precip	1.842	1.947	2.395	8.050	3.407	1.675	1.538	1.427	1.330	1.725	2.440	-	2.020	100
NL0091R	benzo_a_pyrene	precip	2.851	2.880	2.978	14.141	5.488	4.996	7.985	6.936	7.214	7.891	13.440	-	6.862	100
NL0091R	benzo_bjk_fluoranthenes	precip	1.690	1.552	1.859	7.953	3.614	3.670	6.259	4.292	6.319	5.127	10.640	-	5.008	100
NL0091R	benzo_ghi_perylene	precip	3.324	2.996	3.195	10.877	4.796	5.421	9.088	5.834	7.278	7.816	14.870	-	7.001	100
NL0091R	chrysene	precip	5.125	4.717	5.323	16.655	7.300	2.767	2.042	1.260	1.969	1.001	2.440	-	3.306	100
NL0091R	dibenzo_ah_anthracene	precip	0.897	0.766	0.935	3.940	1.568	2.496	5.537	3.520	5.246	1.851	7.240	-	3.314	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NL0091R	fluoranthene	precip	10.259	8.912	8.334	28.316	13.047	4.261	1.808	1.004	2.783	0.954	1.940	-	5.114	100
NL0091R	fluorene	precip	2.857	2.755	2.275	3.804	2.101	1.808	3.291	1.874	2.102	1.401	3.100	-	2.316	100
NL0091R	gamma_HCH	precip	0.200	0.200	0.227	0.538	0.773	0.842	0.346	0.457	0.209	0.200	0.239	0.480	0.347	100
NL0091R	inden_123cd_pyrene	precip	2.701	2.430	2.668	10.036	4.337	2.038	2.432	1.020	1.468	1.346	3.330	-	2.393	100
NL0091R	naphthalene	precip	6.503	5.398	3.476	7.892	2.984	1.081	0.674	0.367	0.472	0.439	0.980	-	1.990	100
NL0091R	phenanthrene	precip	2.857	2.755	2.275	3.804	2.101	1.808	3.291	1.874	2.102	1.401	3.100	-	2.316	100
NL0091R	pyrene	precip	5.384	4.880	5.277	20.545	8.669	3.526	3.557	2.026	2.339	2.553	5.420	-	4.374	100
NL0091R	precipitation_amount	precip	60	66	54	19	58	64	72	47	156	129	89	75	887	98
NO0001R	alpha_HCH	precip	0.047	0.068	0.058	0.229	0.184	0.079	0.052	0.056	0.077	0.081	0.106	0.078	0.084	99
NO0001R	gamma_HCH	precip	0.061	0.119	0.038	0.057	0.240	0.298	0.156	0.179	0.121	0.105	0.122	0.131	0.137	99
NO0001R	HCB	precip	0.109	0.056	0.034	0.127	0.259	0.148	0.071	0.050	0.087	0.048	0.085	0.063	0.083	99
NO0001R	PCB_101	precip	0.016	0.012	0.010	0.020	0.019	0.010	0.012	0.005	0.007	0.007	0.008	0.008	0.010	99
NO0001R	PCB_118	precip	0.009	0.006	0.006	0.012	0.008	0.005	0.005	0.002	0.003	0.003	0.005	0.006	0.005	99
NO0001R	PCB_138	precip	0.016	0.012	0.008	0.019	0.014	0.008	0.009	0.004	0.005	0.005	0.008	0.010	0.008	99
NO0001R	PCB_153	precip	0.022	0.016	0.013	0.028	0.021	0.012	0.014	0.006	0.007	0.008	0.009	0.011	0.012	99
NO0001R	PCB_180	precip	0.010	0.006	0.003	0.009	0.008	0.005	0.005	0.002	0.003	0.003	0.005	0.006	0.005	99
NO0001R	PCB_28	precip	0.012	0.007	0.006	0.014	0.011	0.013	0.007	0.005	0.004	0.004	0.006	0.005	0.007	99
NO0001R	PCB_52	precip	0.011	0.007	0.006	0.012	0.010	0.008	0.011	0.006	0.005	0.005	0.005	0.006	0.007	99
NO0001R	PCB_99	precip	0.004	0.002	0.002	0.005	0.003	0.002	0.003	0.001	0.001	0.001	0.002	0.002	0.002	99
NO0001R	precipitation_amount	precip	102	139	170	54	103	142	87	263	222	225	251	222	1979	88
PL0005R	benz_a_anthracene	precip	25.300	23.613	22.807	20.352	1.800	3.697	0.446	1.000	2.199	3.700	6.479	6.121	7.096	100
PL0005R	benzo_a_pyrene	precip	22.600	20.767	15.363	32.139	1.500	4.842	0.886	3.100	2.782	5.700	5.468	12.276	7.288	100
PL0005R	benzo_b_fluoranthene	precip	140.500	67.306	31.226	42.160	3.600	6.581	1.309	3.800	3.798	7.800	14.054	12.560	21.515	100
PL0005R	benzo_k_fluoranthene	precip	40.400	24.045	13.653	20.558	1.500	3.397	0.632	2.200	1.962	4.200	7.829	5.364	7.745	100
PL0005R	dibenzo_ah_anthracene	precip	9.100	4.846	3.300	3.779	0.200	0.652	0.100	-	0.522	1.400	1.786	2.097	1.968	88
PL0005R	inden_123cd_pyrene	precip	98.600	45.501	24.267	33.517	2.000	5.613	1.047	2.800	3.130	4.800	7.657	16.751	15.733	100
PL0005R	precipitation_amount	precip	45	16	43	10	80	54	69	55	60	43	18	29	523	99
DE0001R	aldrin	precip_tot	0.002	0.002	0.001	0.007	0.002	0.001	0.001	0.001	0.000	0.000	-	-	0.002	75
DE0001R	alpha_HCH	precip_tot	0.056	0.079	0.064	0.205	0.092	0.081	0.061	0.060	0.073	0.073	-	-	0.085	75
DE0001R	anthracene	precip_tot	0.727	0.405	0.212	3.383	1.272	0.137	0.721	0.329	0.170	0.258	0.841	0.487	0.744	100
DE0001R	benz_a_anthracene	precip_tot	4.816	1.714	0.752	19.315	2.596	0.969	1.460	1.055	0.668	0.499	5.045	2.338	3.416	100
DE0001R	benzo_a_pyrene	precip_tot	3.786	1.359	0.640	28.148	2.997	1.191	1.298	0.929	0.628	0.490	4.691	1.965	3.981	100
DE0001R	benzo_bjk_fluoranthenes	precip_tot	16.698	7.281	2.548	107.235	10.017	3.458	5.110	3.129	2.401	2.789	36.758	13.295	17.426	100
DE0001R	benzo_ghi_perylene	precip_tot	5.158	2.455	0.922	30.866	3.116	1.248	1.585	1.134	0.889	0.973	11.795	3.816	5.289	100
DE0001R	chrysene_triphenylene	precip_tot	12.972	7.327	2.329	55.944	7.548	2.257	4.502	3.308	2.140	2.029	21.412	8.711	10.797	100
DE0001R	dibenzo_ah_anthracene	precip_tot	1.007	0.435	0.186	0.184	1.766	1.252	0.291	0.236	0.159	0.109	1.720	0.463	0.688	92
DE0001R	dieldrin	precip_tot	0.096	0.072	0.044	0.029	0.069	0.046	0.060	0.091	0.065	0.064	-	-	0.064	75
DE0001R	endrin	precip_tot	0.007	0.005	0.002	0.023	0.007	0.004	0.003	0.004	0.001	0.001	-	-	0.006	75

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0001R	fluoranthene	precip_tot	20.275	14.184	4.986	109.756	17.036	6.974	10.896	6.915	4.533	3.440	25.473	11.652	19.535	100
DE0001R	gamma_HCH	precip_tot	0.099	0.373	0.228	0.841	0.414	0.367	0.325	0.282	0.174	0.169	-	-	0.343	75
DE0001R	HCB	precip_tot	0.028	0.015	0.018	1.008	0.399	0.286	0.127	0.179	0.079	0.074	-	-	0.238	75
DE0001R	heptachlor	precip_tot	0.003	0.002	0.001	0.010	0.003	0.002	0.001	0.002	0.001	0.001	-	-	0.003	75
DE0001R	inden_123cd_pyrene	precip_tot	6.047	2.715	0.927	5.160	0.662	0.152	1.570	1.139	0.821	0.881	13.019	3.610	3.042	100
DE0001R	op_DDD	precip_tot	0.002	0.002	0.001	0.007	0.002	0.001	0.001	0.001	0.000	0.000	-	-	0.002	75
DE0001R	op_DDE	precip_tot	0.001	0.001	0.000	0.004	0.001	0.001	0.001	0.001	0.000	0.000	-	-	0.001	75
DE0001R	op_DDT	precip_tot	0.004	0.003	0.001	0.014	0.004	0.002	0.126	0.120	0.079	0.077	-	-	0.040	75
DE0001R	PCB_101	precip_tot	0.026	0.008	0.010	0.269	0.154	0.055	0.020	0.028	0.018	0.018	-	-	0.065	75
DE0001R	PCB_118	precip_tot	0.018	0.009	0.008	0.000	0.038	0.015	0.008	0.012	0.013	0.013	-	-	0.013	75
DE0001R	PCB_138	precip_tot	0.025	0.025	0.008	0.141	0.024	0.086	0.033	0.028	0.035	0.036	-	-	0.045	75
DE0001R	PCB_153	precip_tot	0.011	0.008	0.003	0.185	0.075	0.072	0.031	0.025	0.034	0.034	-	-	0.049	75
DE0001R	PCB_180	precip_tot	0.011	0.014	0.003	0.207	0.053	0.068	0.015	0.012	0.012	0.012	-	-	0.044	75
DE0001R	PCB_28	precip_tot	0.023	0.017	0.007	0.158	0.028	0.027	0.012	0.012	0.015	0.015	-	-	0.033	75
DE0001R	PCB_52	precip_tot	0.024	0.008	0.009	0.184	0.079	0.032	0.019	0.022	0.012	0.012	-	-	0.043	75
DE0001R	phenanthrene	precip_tot	17.837	16.564	5.026	121.112	27.449	14.913	19.780	12.077	6.378	3.434	25.070	9.540	23.116	100
DE0001R	pp_DDD	precip_tot	0.002	0.002	0.001	0.142	0.008	0.001	0.001	0.017	0.005	0.004	-	-	0.020	75
DE0001R	pp_DDE	precip_tot	0.022	0.016	0.006	0.265	0.074	0.046	0.066	0.041	0.033	0.032	-	-	0.063	75
DE0001R	pp_DDT	precip_tot	0.004	0.003	0.001	0.367	0.020	0.041	0.037	0.002	0.001	0.001	-	-	0.052	75
DE0001R	pyrene	precip_tot	11.981	6.556	2.616	81.845	16.985	5.046	7.047	4.802	2.948	2.071	16.764	6.210	13.657	100
DE0001R	precipitation_amount	precip_tot	31	40	101	9	33	52	60	55	179	163	126	50	900	100
DE0002R	aldrin	precip_tot	0.002	0.004	0.001	0.002	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.002	100
DE0002R	alpha_HCH	precip_tot	0.083	0.132	0.091	0.138	0.115	0.113	0.087	0.112	0.095	0.080	0.090	0.075	0.101	100
DE0002R	anthracene	precip_tot	0.287	18.915	4.941	1.756	0.731	2.027	0.628	3.081	0.389	0.592	1.664	1.241	2.907	100
DE0002R	benz_a_anthracene	precip_tot	2.989	4.861	2.792	5.870	3.046	0.901	1.782	2.540	1.796	3.083	13.490	4.847	3.976	100
DE0002R	benzo_a_pyrene	precip_tot	2.277	3.534	2.903	6.226	3.629	1.041	2.763	2.478	1.805	2.352	12.715	3.245	3.730	100
DE0002R	benzo_bjk_fluoranthenes	precip_tot	20.299	23.837	12.426	24.827	12.230	3.446	7.387	9.182	5.850	11.580	58.124	21.380	17.435	100
DE0002R	benzo_ghi_perylene	precip_tot	5.896	7.177	4.193	8.113	4.034	1.255	2.391	2.778	2.000	4.401	20.833	7.595	5.855	100
DE0002R	chrysene_triphenylene	precip_tot	14.508	17.498	9.434	14.094	7.818	2.063	5.079	6.876	4.243	8.069	38.651	15.699	11.927	100
DE0002R	dibenzo_ah_anthracene	precip_tot	0.990	1.213	0.734	7.358	3.801	1.154	0.461	0.633	0.390	0.311	3.276	0.835	1.753	100
DE0002R	dieldrin	precip_tot	0.058	0.056	0.093	0.092	0.097	0.065	0.061	0.092	0.097	0.050	0.039	0.048	0.071	100
DE0002R	endrin	precip_tot	0.007	0.013	0.003	0.007	0.006	0.003	0.003	0.008	0.003	0.002	0.004	0.005	0.005	100
DE0002R	fluoranthene	precip_tot	17.167	31.100	15.439	25.454	14.872	5.269	9.905	16.753	8.228	9.732	38.292	17.556	17.349	100
DE0002R	gamma_HCH	precip_tot	0.300	0.900	0.594	0.600	0.501	0.818	0.628	0.793	0.538	0.417	0.434	0.330	0.568	100
DE0002R	HCB	precip_tot	0.024	0.148	0.039	0.141	0.058	0.082	0.163	0.430	0.126	0.008	0.012	0.031	0.105	100
DE0002R	heptachlor	precip_tot	0.003	0.006	0.001	0.003	0.003	0.001	0.001	0.003	0.001	0.001	0.002	0.002	0.002	100
DE0002R	inden_123cd_pyrene	precip_tot	6.853	8.223	4.219	1.534	0.782	0.238	2.597	3.018	2.104	4.378	23.438	7.694	5.385	100
DE0002R	op_DDD	precip_tot	0.002	0.004	0.001	0.034	0.003	0.001	0.001	0.020	0.002	0.001	0.001	0.001	0.006	100
DE0002R	op_DDE	precip_tot	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.032	0.002	0.000	0.001	0.001	0.004	100
DE0002R	op_DDT	precip_tot	0.004	0.020	0.011	0.146	0.063	0.031	0.002	0.005	0.002	0.029	0.046	0.046	0.033	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0002R	PCB_101	precip_tot	0.011	0.290	0.029	0.047	0.023	0.019	0.028	0.182	0.029	0.017	0.006	0.007	0.056	100
DE0002R	PCB_118	precip_tot	0.018	0.064	0.010	0.038	0.019	0.011	0.009	0.034	0.007	0.007	0.004	0.003	0.018	100
DE0002R	PCB_138	precip_tot	0.018	0.091	0.031	0.084	0.050	0.039	0.026	0.076	0.018	0.013	0.005	0.006	0.038	100
DE0002R	PCB_153	precip_tot	0.036	0.084	0.026	0.073	0.045	0.030	0.028	0.102	0.019	0.021	0.006	0.007	0.039	100
DE0002R	PCB_180	precip_tot	0.018	0.036	0.016	0.041	0.042	0.025	0.013	0.034	0.010	0.009	0.007	0.008	0.021	100
DE0002R	PCB_28	precip_tot	0.024	0.211	0.048	0.025	0.020	0.037	0.010	0.160	0.016	0.008	0.013	0.015	0.048	100
DE0002R	PCB_52	precip_tot	0.011	0.243	0.042	0.027	0.010	0.026	0.005	0.186	0.022	0.013	0.038	0.014	0.052	100
DE0002R	phenanthrene	precip_tot	15.247	83.589	17.088	23.008	10.967	7.410	12.977	34.353	10.445	7.886	30.401	16.603	22.047	100
DE0002R	pp_DDD	precip_tot	0.009	0.016	0.008	0.120	0.074	0.027	0.008	0.028	0.014	0.004	0.008	0.001	0.026	100
DE0002R	pp_DDE	precip_tot	0.053	0.118	0.059	0.351	0.194	0.063	0.066	0.198	0.082	0.043	0.078	0.036	0.111	100
DE0002R	pp_DDT	precip_tot	0.021	0.083	0.106	0.708	0.368	0.097	0.065	0.124	0.100	0.051	0.081	0.040	0.153	100
DE0002R	pyrene	precip_tot	10.273	24.608	9.645	20.514	11.319	4.202	4.955	13.843	4.844	9.281	39.142	13.646	13.731	100
DE0002R	precipitation_amount	precip_tot	32	16	61	27	37	62	68	25	73	88	57	42	587	100
DE0003R	anthracene	precip_tot	0.732	0.915	0.361	0.303	0.166	0.186	0.200	0.326	0.150	0.197	0.368	0.328	0.349	100
DE0003R	benz_a_anthracene	precip_tot	5.018	10.580	2.105	2.346	0.887	0.444	0.987	0.508	0.513	0.336	0.860	1.881	2.149	100
DE0003R	benzo_a_pyrene	precip_tot	4.721	12.194	2.920	3.289	1.162	0.481	0.905	0.863	0.487	0.577	1.689	2.458	2.580	100
DE0003R	benzo_bjk_fluoranthenes	precip_tot	34.735	74.854	11.777	14.325	5.744	1.579	3.922	1.333	2.227	2.671	10.352	13.914	14.376	100
DE0003R	benzo_ghi_perylene	precip_tot	12.491	23.037	4.422	5.271	2.024	0.595	1.184	0.506	0.669	1.165	4.077	5.354	4.945	100
DE0003R	chrysene_triphenylene	precip_tot	23.555	48.100	8.651	8.604	3.933	1.226	3.155	1.345	2.037	2.738	7.481	7.643	9.613	100
DE0003R	dibenzo_ah_anthracene	precip_tot	1.890	4.153	0.708	4.074	1.960	0.605	0.208	0.067	0.120	0.105	0.323	0.485	1.200	100
DE0003R	fluoranthene	precip_tot	25.592	57.517	10.864	14.326	7.612	4.144	8.279	4.881	4.540	3.385	7.312	7.940	12.727	100
DE0003R	inden_123cd_pyrene	precip_tot	12.780	25.402	4.270	1.663	0.314	0.095	1.340	0.639	0.659	0.995	3.581	4.995	4.593	100
DE0003R	phenanthrene	precip_tot	19.122	37.437	8.339	14.452	9.425	10.352	13.500	10.660	7.689	5.744	9.261	8.686	12.714	100
DE0003R	pyrene	precip_tot	12.170	26.252	5.298	9.065	5.177	2.775	3.927	2.263	2.170	2.286	4.167	5.602	6.627	100
DE0003R	precipitation_amount	precip_tot	165	50	161	94	202	123	107	120	138	221	110	179	1670	100
DE0008R	anthracene	precip_tot	1.327	0.781	1.372	1.464	0.270	0.256	0.149	0.822	1.558	0.868	0.659	0.983	0.875	100
DE0008R	benz_a_anthracene	precip_tot	7.961	7.109	5.611	9.342	1.582	1.646	1.104	1.080	2.179	1.681	3.841	5.704	4.043	100
DE0008R	benzo_a_pyrene	precip_tot	5.947	8.523	6.181	9.270	2.167	1.705	1.326	2.830	2.437	1.913	4.759	7.289	4.496	100
DE0008R	benzo_bjk_fluoranthenes	precip_tot	42.474	47.917	25.381	35.074	8.278	4.611	3.794	3.013	6.443	7.955	23.760	39.423	20.488	100
DE0008R	benzo_ghi_perylene	precip_tot	15.969	17.053	10.470	11.957	3.013	1.873	1.486	1.282	2.726	3.117	9.677	15.542	7.785	100
DE0008R	chrysene_triphenylene	precip_tot	28.934	31.861	19.623	21.047	5.384	5.042	3.078	2.695	5.018	4.835	12.896	22.639	13.466	100
DE0008R	dibenzo_ah_anthracene	precip_tot	2.376	2.816	1.602	11.067	2.727	1.681	0.239	0.195	0.393	0.256	1.025	1.644	2.148	100
DE0008R	fluoranthene	precip_tot	36.700	45.667	32.463	41.062	11.693	10.905	7.447	5.027	10.478	9.362	18.398	30.524	21.462	100
DE0008R	inden_123cd_pyrene	precip_tot	17.373	18.371	10.095	2.121	0.486	0.284	1.407	1.260	2.921	2.753	9.265	15.351	6.747	100
DE0008R	phenanthrene	precip_tot	34.906	36.853	27.008	47.181	16.481	26.369	8.895	6.281	13.152	12.385	18.661	26.735	22.757	100
DE0008R	pyrene	precip_tot	29.842	24.753	23.902	33.818	7.840	9.152	4.772	3.026	7.084	8.373	12.320	22.188	15.514	100
DE0008R	precipitation_amount	precip_tot	215	37	127	33	151	28	49	77	109	202	101	105	1235	100
DE0009R	aldrin	precip_tot	0.002	0.002	0.001	0.004	0.001	0.001	0.002	0.008	0.001	0.001	-	-	0.002	75

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0009R	alpha_HCH	precip_tot	0.070	0.086	0.070	0.153	0.151	0.148	0.050	0.110	0.065	0.063	-	-	0.100	75
DE0009R	anthracene	precip_tot	1.139	1.666	0.606	6.956	0.913	0.488	0.186	0.364	0.094	2.435	1.054	1.036	1.401	100
DE0009R	benz_a_anthracene	precip_tot	4.481	4.725	1.762	12.148	2.265	2.080	1.596	2.714	1.362	1.344	5.076	1.455	3.387	100
DE0009R	benzo_a_pyrene	precip_tot	3.291	4.425	1.895	16.146	3.212	3.352	1.664	3.627	1.676	1.691	5.452	1.119	3.930	100
DE0009R	benzo_bjk_fluoranthenes	precip_tot	21.837	30.825	7.163	52.624	9.818	9.810	4.879	10.785	5.669	9.999	45.051	11.385	18.105	100
DE0009R	benzo_ghi_perylene	precip_tot	6.640	8.997	2.458	18.365	3.511	3.393	1.766	3.841	2.146	3.642	13.663	3.298	5.914	100
DE0009R	chrysene_triphenylene	precip_tot	15.162	21.594	7.023	28.484	6.307	5.515	3.419	8.245	3.960	6.140	19.817	6.606	10.895	100
DE0009R	dibenzo_ah_anthracene	precip_tot	1.217	1.439	0.469	17.139	3.325	3.228	0.366	0.734	0.340	0.416	1.897	0.323	2.551	100
DE0009R	dieldrin	precip_tot	0.020	0.033	0.032	0.017	0.042	0.024	0.007	0.020	0.019	0.019	-	-	0.024	75
DE0009R	endrin	precip_tot	0.006	0.008	0.004	0.013	0.004	0.003	0.005	0.003	0.002	0.002	-	-	0.005	75
DE0009R	fluoranthene	precip_tot	22.542	31.880	10.393	60.390	14.638	12.666	4.931	10.520	5.479	11.807	20.492	13.227	18.060	100
DE0009R	gamma_HCH	precip_tot	0.186	0.338	0.333	0.746	0.561	0.486	0.154	0.334	0.237	0.233	-	-	0.374	75
DE0009R	HCB	precip_tot	0.018	0.170	0.055	1.535	0.448	0.408	0.038	0.052	0.027	0.026	-	-	0.303	75
DE0009R	heptachlor	precip_tot	0.003	0.003	0.002	0.006	0.002	0.001	0.002	0.010	0.001	0.001	-	-	0.003	75
DE0009R	inden_123cd_pyrene	precip_tot	7.519	10.967	2.813	3.733	0.667	0.652	1.724	4.200	2.377	3.404	15.150	3.395	4.655	100
DE0009R	op_DDD	precip_tot	0.006	0.011	0.009	0.130	0.019	0.009	0.002	0.008	0.001	0.001	-	-	0.021	75
DE0009R	op_DDE	precip_tot	0.001	0.001	0.001	0.002	0.007	0.002	0.001	0.011	0.001	0.000	-	-	0.003	75
DE0009R	op_DDT	precip_tot	0.017	0.040	0.028	0.568	0.072	0.029	0.048	0.057	0.062	0.063	-	-	0.102	75
DE0009R	PCB_101	precip_tot	0.010	0.012	0.007	0.145	0.060	0.039	0.008	0.011	0.004	0.004	-	-	0.033	75
DE0009R	PCB_118	precip_tot	0.010	0.013	0.007	0.042	0.015	0.011	0.003	0.004	0.002	0.002	-	-	0.012	75
DE0009R	PCB_138	precip_tot	0.017	0.021	0.016	0.090	0.028	0.019	0.006	0.009	0.003	0.003	-	-	0.023	75
DE0009R	PCB_153	precip_tot	0.010	0.013	0.018	0.077	0.039	0.022	0.008	0.005	0.004	0.004	-	-	0.022	75
DE0009R	PCB_180	precip_tot	0.010	0.021	0.012	0.068	0.022	0.012	0.007	0.009	0.005	0.005	-	-	0.018	75
DE0009R	PCB_28	precip_tot	0.021	0.026	0.014	0.222	0.086	0.046	0.017	0.010	0.008	0.008	-	-	0.050	75
DE0009R	PCB_52	precip_tot	0.022	0.035	0.007	0.144	0.054	0.039	0.008	0.015	0.004	0.003	-	-	0.036	75
DE0009R	phenanthrene	precip_tot	22.350	31.093	9.466	88.236	28.559	21.820	1.896	5.145	4.982	28.930	23.089	26.329	24.159	100
DE0009R	pp_DDD	precip_tot	0.021	0.043	0.027	0.528	0.063	0.031	0.023	0.023	0.021	0.021	-	-	0.086	75
DE0009R	pp_DDE	precip_tot	0.056	0.053	0.075	1.487	0.180	0.078	0.116	0.136	0.069	0.066	-	-	0.249	75
DE0009R	pp_DDT	precip_tot	0.150	0.249	0.167	3.152	0.325	0.161	0.153	0.164	0.155	0.154	-	-	0.516	75
DE0009R	pyrene	precip_tot	13.589	15.239	5.613	47.651	10.609	9.892	4.191	8.571	4.451	8.597	12.596	6.337	12.183	100
DE0009R	precipitation_amount	precip_tot	32	26	48	15	55	70	41	64	91	54	56	24	576	100
BE0013R	anthracene	precip+dry_dep	9.3	3.9	17.6	0.4	0.4	0.4	6.3	12.5	14.9	27.5	13.1	24.4	11.9	92
BE0013R	benz_a_anthracene	precip+dry_dep	11.4	1.8	5.5	15.8	45.3	0.8	7.3	18.8	44.1	24.9	14.4	25.3	18.3	92
BE0013R	benzo_a_pyrene	precip+dry_dep	11.3	0.8	0.8	8.4	38.6	1.7	7.7	13.3	39.3	22.0	13.7	13.6	14.4	92
BE0013R	benzo_b_fluoranthene	precip+dry_dep	21.1	6.9	11.8	17.1	82.2	0.8	5.8	14.5	51.8	28.1	18.1	24.5	23.4	92
BE0013R	benzo_ghi_perylene	precip+dry_dep	12.9	5.0	5.9	18.4	45.3	1.7	4.0	5.8	16.7	10.4	9.1	13.0	12.1	92
BE0013R	benzo_k_fluoranthene	precip+dry_dep	9.8	3.5	6.0	9.1	41.9	0.8	3.5	7.6	25.4	13.8	9.1	13.0	11.9	92
BE0013R	chrysene	precip+dry_dep	36.0	10.2	16.2	45.6	134.1	0.8	9.5	24.7	69.9	40.3	23.8	42.7	37.6	92
BE0013R	dibenzo_ah_anthracene	precip+dry_dep	1.8	0.9	3.6	5.7	8.4	0.8	2.0	14.4	17.1	6.3	7.4	8.4	6.7	92
BE0013R	fluoranthene	precip+dry_dep	47.4	19.7	51.5	59.7	150.9	1.7	12.3	29.7	43.1	37.9	41.6	80.1	48.2	92

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BE0013R	fluorene	precip+dry_dep	11.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	5.9	6.0	2.4	9.0	4.1	92
BE0013R	inden_123cd_pyrene	precip+dry_dep	11.1	3.4	4.2	15.4	36.9	0.8	3.5	6.7	17.3	9.2	11.4	13.4	11.1	92
BE0013R	naphthalene	precip+dry_dep	55.9	6.9	12.2	22.5	52.0	3.4	5.6	8.4	15.8	14.2	15.8	27.0	17.0	85
BE0013R	pyrene	precip+dry_dep	35.8	14.1	32.4	40.2	100.6	3.4	27.6	39.5	41.1	37.2	31.9	53.8	38.7	92
ES0001R	acenaphthene	precip+dry_dep	-	0.065	-	0.000	-	-	-	0.000	-	0.770	-	-	-	-
ES0001R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0001R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.235	-	0.000	-	-	-	-
ES0001R	benz_a_anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0001R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	24.865	-	-	-	0.140	-	0.000	-	-	-	-
ES0001R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0001R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.090	-	-	-	-
ES0001R	chrysene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.025	-	0.110	-	-	-	-
ES0001R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0001R	fluoranthene	precip+dry_dep	-	0.025	-	0.000	-	-	-	0.035	-	0.000	-	-	-	-
ES0001R	fluorene	precip+dry_dep	-	0.055	-	0.000	-	-	-	0.035	-	0.000	-	-	-	-
ES0001R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0001R	naphthalene	precip+dry_dep	-	0.000	-	1.770	-	-	-	0.000	-	1.590	-	-	-	-
ES0001R	phenanthrene	precip+dry_dep	-	0.095	-	0.620	-	-	-	0.150	-	0.540	-	-	-	-
ES0001R	pyrene	precip+dry_dep	-	0.045	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0007R	acenaphthene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0007R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0007R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.015	-	0.000	-	-	-	-
ES0007R	benz_a_anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.270	-	-	-	-
ES0007R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	26.970	-	-	-	0.000	-	0.370	-	-	-	-
ES0007R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.470	-	-	-	-
ES0007R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.530	-	-	-	-
ES0007R	chrysene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	1.050	-	-	-	-
ES0007R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.000	-	-	-	-
ES0007R	fluoranthene	precip+dry_dep	-	0.210	-	0.000	-	-	-	0.000	-	1.620	-	-	-	-
ES0007R	fluorene	precip+dry_dep	-	0.000	-	1.880	-	-	-	0.030	-	0.000	-	-	-	-
ES0007R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	-	-	0.000	-	0.440	-	-	-	-
ES0007R	naphthalene	precip+dry_dep	-	0.000	-	1.830	-	-	-	0.000	-	1.760	-	-	-	-
ES0007R	phenanthrene	precip+dry_dep	-	0.245	-	0.000	-	-	-	0.000	-	1.580	-	-	-	-
ES0007R	pyrene	precip+dry_dep	-	0.240	-	0.000	-	-	-	0.000	-	1.800	-	-	-	-
ES0008R	acenaphthene	precip+dry_dep	-	0.000	-	-	-	0.335	-	-	-	0.930	0.000	-	-	-
ES0008R	acenaphthylene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.000	0.000	-	-	-
ES0008R	anthracene	precip+dry_dep	-	0.000	-	-	-	0.395	-	-	-	0.000	0.000	-	-	-
ES0008R	benz_a_anthracene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.000	0.220	-	-	-

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ES0008R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	1.020	1.670	-	-	-
ES0008R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.000	0.000	-	-	-
ES0008R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.890	1.150	-	-	-
ES0008R	chrysene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.650	0.710	-	-	-
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.000	0.000	-	-	-
ES0008R	fluoranthene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	1.410	0.000	-	-	-
ES0008R	fluorene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	94.790	20.900	-	-	-
ES0008R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	0.000	0.000	-	-	-
ES0008R	naphthalene	precip+dry_dep	-	0.000	-	-	-	1.340	-	-	-	6.380	7.290	-	-	-
ES0008R	phenanthrene	precip+dry_dep	-	0.290	-	-	-	0.525	-	-	-	5.220	3.750	-	-	-
ES0008R	pyrene	precip+dry_dep	-	0.000	-	-	-	0.000	-	-	-	1.290	1.170	-	-	-
ES0012R	acenaphthene	precip+dry_dep	-	0.060	-	0.000	-	0.095	-	-	-	0.000	-	-	-	-
ES0012R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	benz_a_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.040	-	-	-	-
ES0012R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	27.365	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.170	-	-	-	-
ES0012R	chrysene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.090	-	-	-	-
ES0012R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.210	-	-	-	-
ES0012R	fluorene	precip+dry_dep	-	0.050	-	0.000	-	0.055	-	-	-	0.830	-	-	-	-
ES0012R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0012R	naphthalene	precip+dry_dep	-	0.000	-	2.355	-	0.035	-	-	-	1.230	-	-	-	-
ES0012R	phenanthrene	precip+dry_dep	-	0.000	-	0.620	-	0.040	-	-	-	0.610	-	-	-	-
ES0012R	pyrene	precip+dry_dep	-	0.040	-	0.000	-	0.000	-	-	-	0.260	-	-	-	-
ES0014R	acenaphthene	precip+dry_dep	-	0.370	-	2.315	-	1.480	-	-	-	20.550	-	-	-	-
ES0014R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.465	-	-	-	0.000	-	-	-	-
ES0014R	benz_a_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.150	-	-	-	-
ES0014R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	20.230	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.170	-	-	-	0.420	-	-	-	-
ES0014R	chrysene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.350	-	-	-	-
ES0014R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	fluorene	precip+dry_dep	-	0.305	-	45.275	-	0.000	-	-	-	40.920	-	-	-	-
ES0014R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	naphthalene	precip+dry_dep	-	0.000	-	0.415	-	0.045	-	-	-	1.500	-	-	-	-

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ES0014R	phenanthrene	precip+dry_dep	-	0.120	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
ES0014R	pyrene	precip+dry_dep	-	0.040	-	0.000	-	0.000	-	-	-	0.000	-	-	-	-
FI0018R	acenaphthene	precip+dry_dep	22.2	-	3.0	16.1	10.7	5.8	2.3	2.2	2.5	2.5	2.8	-	7.0	84
FI0018R	acenaphthylene	precip+dry_dep	11.0	-	2.7	2.7	0.7	0.6	0.6	0.6	2.0	0.7	5.8	-	2.7	84
FI0018R	anthracene	precip+dry_dep	7.7	-	2.5	2.7	0.8	0.4	0.2	0.2	0.2	0.5	5.9	-	2.1	84
FI0018R	benz_a_anthracene	precip+dry_dep	43.6	-	11.6	4.4	1.9	1.2	0.8	1.2	2.3	4.0	48.2	-	12.0	84
FI0018R	benzo_a_pyrene	precip+dry_dep	31.0	-	12.0	7.1	3.4	1.8	1.3	1.7	3.1	4.2	49.7	-	11.5	84
FI0018R	benzo_bjk_fluoranthenes	precip+dry_dep	123.9	-	43.5	16.7	9.4	4.6	3.4	4.9	7.7	17.3	223.9	-	45.6	84
FI0018R	benzo_ghi_perylene	precip+dry_dep	36.5	-	13.2	8.1	6.5	2.5	2.2	2.0	4.3	5.8	92.4	-	17.3	84
FI0018R	chrysene_triphenylene	precip+dry_dep	92.0	-	29.3	10.3	7.1	3.9	3.1	3.7	5.2	11.5	132.6	-	29.9	84
FI0018R	dibenzo_ac_ah_anthracenes	precip+dry_dep	5.0	-	1.8	0.9	0.4	0.3	0.0	0.2	0.4	0.6	10.6	-	2.0	84
FI0018R	fluoranthene	precip+dry_dep	142.2	-	51.1	20.1	13.5	6.2	5.1	5.5	7.8	17.4	130.9	-	40.2	84
FI0018R	fluorene	precip+dry_dep	23.5	-	4.8	4.5	4.2	3.8	3.7	3.5	4.1	4.0	4.5	-	6.1	84
FI0018R	inden_123cd_pyrene	precip+dry_dep	44.6	-	15.8	5.2	3.1	1.4	1.0	1.3	2.5	6.1	85.3	-	16.7	84
FI0018R	naphthalene	precip+dry_dep	40.5	-	6.3	6.0	5.5	4.9	4.8	4.6	5.4	5.3	5.9	-	9.0	84
FI0018R	phenanthrene	precip+dry_dep	124.4	-	48.0	16.5	15.7	6.2	5.1	5.6	6.4	15.4	75.9	-	32.1	84
FI0018R	pyrene	precip+dry_dep	115.6	-	40.0	17.2	16.5	8.1	6.1	7.3	10.0	15.8	123.4	-	36.1	84
FI0036R	alpha_HCH	precip+dry_dep	0.035	0.027	0.036	0.021	0.039	0.012	0.016	0.010	0.010	0.020	0.020	0.020	0.022	99
FI0036R	anthracene	precip+dry_dep	0.348	0.270	0.315	0.081	0.090	0.071	0.048	0.120	0.149	0.163	0.250	0.742	0.218	99
FI0036R	BDE_100	precip+dry_dep	0.020	0.020	0.020	0.019	0.010	0.010	0.010	0.010	0.010	0.020	0.020	0.020	0.016	99
FI0036R	BDE_47	precip+dry_dep	0.053	0.049	0.067	0.018	0.010	0.010	0.072	0.010	0.094	0.020	0.020	0.045	0.039	99
FI0036R	BDE_99	precip+dry_dep	0.038	0.031	0.040	0.019	0.010	0.010	0.010	0.010	0.010	0.019	0.020	0.019	0.020	99
FI0036R	benz_a_anthracene	precip+dry_dep	1.370	1.030	1.030	0.426	0.370	0.407	0.255	0.580	0.984	0.742	1.230	4.542	1.065	99
FI0036R	benzo_a_pyrene	precip+dry_dep	0.783	0.530	0.494	0.186	0.270	0.503	0.194	0.880	1.668	0.760	1.100	3.852	0.923	99
FI0036R	benzo_b_fluoranthene	precip+dry_dep	2.078	1.660	1.461	0.341	0.630	0.873	0.346	1.430	2.154	1.905	2.070	8.307	1.912	99
FI0036R	benzo_ghi_perylene	precip+dry_dep	1.145	0.840	0.750	0.303	0.340	0.443	0.164	0.760	1.186	0.938	0.990	3.095	0.903	99
FI0036R	benzo_k_fluoranthene	precip+dry_dep	0.772	0.580	0.526	0.137	0.230	0.379	0.145	0.660	1.042	0.667	0.850	3.032	0.742	99
FI0036R	chrysene	precip+dry_dep	2.000	-	1.000	-	-	-	-	-	2.966	2.129	3.000	7.828	3.167	48
FI0036R	dibenzo_ah_anthracene	precip+dry_dep	0.262	0.210	0.192	0.100	0.100	0.109	0.111	0.210	0.332	0.250	0.320	1.170	0.277	99
FI0036R	fluoranthene	precip+dry_dep	5.218	4.870	4.852	0.902	1.770	2.311	1.000	3.240	4.345	4.083	5.250	15.765	4.416	99
FI0036R	gamma_HCH	precip+dry_dep	0.021	0.010	0.034	0.080	0.061	0.018	0.081	0.026	0.019	0.020	0.023	0.035	0.036	99
FI0036R	HCB	precip+dry_dep	0.071	0.063	0.071	0.037	0.052	0.039	0.035	0.048	0.043	0.059	0.078	0.113	0.059	99
FI0036R	inden_123cd_pyrene	precip+dry_dep	1.357	1.000	0.991	0.587	0.400	0.615	0.387	1.200	1.712	1.210	1.480	5.516	1.355	99
FI0036R	PCB_101	precip+dry_dep	0.039	0.030	0.039	0.039	0.030	0.030	0.030	0.030	0.030	0.040	0.040	0.040	0.035	99
FI0036R	PCB_118	precip+dry_dep	0.029	0.020	0.029	0.029	0.020	0.020	0.010	0.010	0.029	0.020	0.020	0.039	0.023	99
FI0036R	PCB_138	precip+dry_dep	0.029	0.020	0.029	0.029	0.020	0.020	0.020	0.020	0.020	0.030	0.030	0.030	0.025	99
FI0036R	PCB_153	precip+dry_dep	0.029	0.020	0.029	0.029	0.020	0.020	0.020	0.020	0.020	0.030	0.030	0.030	0.025	99
FI0036R	PCB_180	precip+dry_dep	0.029	0.020	0.029	0.029	0.020	0.020	0.020	0.020	0.020	0.030	0.030	0.030	0.025	99
FI0036R	PCB_28	precip+dry_dep	0.039	0.030	0.039	0.039	0.030	0.030	0.030	0.030	0.030	0.040	0.040	0.040	0.035	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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FI0036R	PCB_52	precip+dry_dep	0.060	0.060	0.069	0.086	0.030	0.030	0.030	0.030	0.031	0.061	0.070	0.099	0.054	99
FI0036R	phenanthrene	precip+dry_dep	8.153	8.510	9.693	3.173	3.920	2.819	1.708	3.090	3.485	4.898	7.110	11.262	5.614	99
FI0036R	pp_DDD	precip+dry_dep	0.031	0.101	0.028	0.021	0.020	0.017	0.066	0.020	0.042	0.020	0.020	0.028	0.034	99
FI0036R	pp_DDE	precip+dry_dep	0.056	0.051	0.040	0.169	0.091	0.043	0.010	0.010	0.030	0.020	0.020	0.042	0.048	99
FI0036R	pp_DDT	precip+dry_dep	0.020	0.020	0.020	0.019	0.010	0.010	0.010	0.010	0.011	0.032	0.049	0.021	0.019	99
FI0036R	pyrene	precip+dry_dep	3.262	2.940	2.949	0.623	1.080	1.425	0.645	2.180	3.197	2.876	3.860	11.748	3.027	99
FI0050R	acenaphthene	precip+dry_dep	9.0	9.2	8.6	22.3	7.7	8.2	8.3	6.9	18.5	7.7	7.8	7.8	-	92
FI0050R	acenaphthylene	precip+dry_dep	2.2	2.2	0.5	0.9	0.5	0.5	3.6	0.4	0.4	0.5	2.7	2.7	-	92
FI0050R	anthracene	precip+dry_dep	1.0	1.0	0.9	1.4	0.8	0.9	2.2	0.7	0.8	0.8	2.7	2.7	-	92
FI0050R	benz_a_anthracene	precip+dry_dep	3.6	15.8	4.1	2.7	1.0	0.7	1.1	0.9	2.1	2.6	16.6	16.8	-	92
FI0050R	benzo_a_pyrene	precip+dry_dep	2.4	10.3	4.5	4.1	1.8	1.2	1.0	1.4	2.5	2.7	12.8	12.9	-	92
FI0050R	benzo_bjk_fluoranthenes	precip+dry_dep	11.4	33.2	16.6	10.9	4.1	3.0	3.0	4.1	7.0	11.1	73.6	74.3	-	92
FI0050R	benzo_ghi_perylene	precip+dry_dep	3.0	10.1	5.2	5.5	3.3	1.3	1.8	1.6	3.5	3.8	25.9	26.2	-	92
FI0050R	chrysene_triphenylene	precip+dry_dep	8.5	19.4	10.1	7.1	3.0	2.2	2.1	2.7	4.1	6.4	43.9	44.3	-	92
FI0050R	dibenzo_ac_ah_anthracenes	precip+dry_dep	0.3	1.4	0.7	0.7	0.5	0.1	0.1	0.1	0.3	0.3	3.3	3.3	-	92
FI0050R	fluoranthene	precip+dry_dep	18.4	38.1	20.7	15.5	8.2	5.4	8.6	5.4	8.3	11.6	54.5	55.0	-	92
FI0050R	fluorene	precip+dry_dep	7.3	7.4	7.0	7.0	6.1	6.6	6.7	5.6	6.0	6.1	6.3	6.3	-	92
FI0050R	inden_123cd_pyrene	precip+dry_dep	3.9	16.2	6.5	3.0	1.6	1.0	0.7	1.4	2.3	4.4	26.3	26.5	-	92
FI0050R	naphthalene	precip+dry_dep	26.8	15.4	4.9	4.8	4.2	4.6	4.6	3.8	4.1	4.2	17.6	17.8	-	92
FI0050R	phenanthrene	precip+dry_dep	34.5	52.3	36.1	26.5	18.7	18.4	29.4	14.6	18.2	29.4	68.4	68.9	-	92
FI0050R	pyrene	precip+dry_dep	12.0	27.2	15.0	10.6	7.0	3.9	7.2	3.9	6.6	8.5	42.6	43.0	-	92
SE0014R	alpha_HCH	precip+dry_dep	0.023	0.020	0.020	0.024	0.077	0.024	0.034	0.162	0.126	0.037	0.080	0.022	0.054	99
SE0014R	anthracene	precip+dry_dep	0.736	0.480	0.408	0.457	0.420	0.140	0.156	0.400	0.360	0.480	1.560	0.691	0.522	99
SE0014R	BDE_100	precip+dry_dep	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.018	0.020	0.023	0.018	0.020	99
SE0014R	BDE_209	precip+dry_dep	-	-	-	-	-	-	-	-	-	-	-	-	-	0
SE0014R	BDE_47	precip+dry_dep	0.046	0.020	0.020	0.030	0.164	0.030	0.034	0.167	0.221	0.166	0.107	0.072	0.090	99
SE0014R	BDE_99	precip+dry_dep	0.030	0.035	0.022	0.020	0.066	0.023	0.023	0.049	0.052	0.035	0.049	0.036	0.037	99
SE0014R	benz_a_anthracene	precip+dry_dep	7.043	4.860	4.282	4.840	2.740	1.163	1.124	3.030	3.418	4.463	18.790	9.309	5.387	99
SE0014R	benzo_a_pyrene	precip+dry_dep	2.848	2.500	2.247	5.769	2.950	1.251	0.957	3.070	2.744	2.737	11.630	5.364	3.654	99
SE0014R	benzo_b_fluoranthene	precip+dry_dep	6.616	6.190	4.357	8.819	4.740	2.043	1.569	4.450	4.347	6.409	31.110	14.320	7.853	99
SE0014R	benzo_ghi_perylene	precip+dry_dep	3.785	2.600	2.898	6.807	3.400	1.729	1.293	2.910	3.140	3.217	15.480	8.258	4.599	99
SE0014R	benzo_k_fluoranthene	precip+dry_dep	2.401	2.200	1.676	3.927	2.070	0.857	0.612	1.940	1.830	2.464	11.330	5.160	3.018	99
SE0014R	chrysene	precip+dry_dep	-	-	-	-	-	-	-	-	-	-	-	-	-	0
SE0014R	dibenzo_ah_anthracene	precip+dry_dep	0.853	0.830	0.622	1.143	0.630	0.266	0.202	0.590	0.594	0.949	4.520	2.039	1.094	99
SE0014R	fluoranthene	precip+dry_dep	17.879	22.060	11.736	14.427	9.200	3.348	2.628	8.960	9.280	12.588	44.030	24.498	14.913	99
SE0014R	gamma_HCH	precip+dry_dep	0.034	0.020	0.023	0.052	0.127	0.024	0.079	0.581	0.343	0.088	0.212	0.027	0.135	99
SE0014R	HCB	precip+dry_dep	0.072	0.067	0.041	0.026	0.071	0.023	0.027	0.103	0.144	0.139	0.117	0.097	0.077	99
SE0014R	inden_123cd_pyrene	precip+dry_dep	4.417	4.100	2.881	6.529	3.430	1.442	1.063	3.140	3.265	4.822	23.060	10.547	5.680	99
SE0014R	PCB_101	precip+dry_dep	0.046	0.030	0.030	0.042	0.070	0.051	0.038	0.110	0.175	0.106	0.080	0.051	0.069	99

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SE0014R	PCB_118	precip+dry_dep	0.040	0.040	0.031	0.031	0.040	0.031	0.033	0.060	0.088	0.049	0.040	0.040	0.044	99
SE0014R	PCB_138	precip+dry_dep	0.123	0.100	0.082	0.138	0.110	0.259	0.066	0.210	0.169	0.113	0.130	0.111	0.134	99
SE0014R	PCB_153	precip+dry_dep	0.093	0.070	0.061	0.108	0.080	0.201	0.043	0.160	0.139	0.091	0.100	0.081	0.102	99
SE0014R	PCB_180	precip+dry_dep	0.068	0.060	0.051	0.087	0.050	0.237	0.050	0.140	0.090	0.054	0.080	0.061	0.086	99
SE0014R	PCB_28	precip+dry_dep	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	99
SE0014R	PCB_52	precip+dry_dep	0.040	0.040	0.040	0.040	0.040	0.040	0.042	0.060	0.042	0.067	0.050	0.040	0.045	99
SE0014R	phenanthrene	precip+dry_dep	16.317	21.550	10.043	7.330	10.550	2.673	3.328	11.900	13.434	16.481	29.720	17.332	13.300	99
SE0014R	pp_DDD	precip+dry_dep	0.022	0.028	0.021	0.035	0.020	0.020	0.076	0.308	0.069	0.071	0.020	0.037	0.061	99
SE0014R	pp_DDE	precip+dry_dep	0.074	0.069	0.054	0.226	0.122	0.057	0.042	0.078	0.183	0.097	0.134	0.088	0.102	99
SE0014R	pp_DDT	precip+dry_dep	0.020	0.020	0.020	0.103	0.035	0.021	0.031	0.130	0.105	0.024	0.035	0.022	0.047	99
SE0014R	pyrene	precip+dry_dep	11.352	11.460	7.567	11.386	6.850	2.641	2.023	6.530	6.762	8.706	31.290	15.803	10.125	99
SE0020R	anthracene	precip+dry_dep	1.7	1.1	0.9	0.7	0.5	0.3	0.3	0.5	0.5	0.8	2.7	2.7	1.0	98
SE0020R	benz_a_anthracene	precip+dry_dep	9.3	6.3	4.0	4.5	2.7	1.9	1.8	2.6	3.5	5.7	25.5	21.4	7.4	98
SE0020R	benzo_a_pyrene	precip+dry_dep	10.6	6.7	4.1	7.2	4.1	3.2	2.6	4.2	5.6	6.5	28.5	20.6	8.6	98
SE0020R	benzo_b_fluoranthene	precip+dry_dep	18.6	12.0	7.3	9.0	5.8	3.9	3.4	5.0	7.3	11.7	56.9	42.0	15.2	98
SE0020R	benzo_ghi_perylene	precip+dry_dep	13.8	9.8	6.1	6.9	5.6	3.8	3.0	4.9	5.0	7.2	32.2	25.5	10.2	98
SE0020R	benzo_k_fluoranthene	precip+dry_dep	8.1	5.4	3.3	4.6	3.2	2.0	1.6	2.5	3.4	5.2	24.6	18.3	6.8	98
SE0020R	chrysene	precip+dry_dep	21.0	17.8	16.7	14.9	12.4	4.0	3.2	5.0	7.1	8.6	26.0	38.6	14.5	98
SE0020R	fluoranthene	precip+dry_dep	64.3	41.4	24.4	17.2	12.4	7.3	7.6	12.3	16.8	22.0	71.9	70.7	30.1	98
SE0020R	inden_123cd_pyrene	precip+dry_dep	16.1	9.9	5.9	6.5	6.5	3.3	2.7	4.3	5.9	10.2	49.9	32.2	12.7	98
SE0020R	phenanthrene	precip+dry_dep	54.6	36.0	21.4	19.4	19.0	3.9	5.7	9.9	10.7	16.5	40.2	40.1	22.5	98
SE0020R	pyrene	precip+dry_dep	38.7	25.8	16.4	13.1	9.4	5.5	5.7	9.4	11.7	15.7	54.3	51.4	21.1	98
SE0022R	alpha_HCH	precip+dry_dep	0.063	0.052	0.010	0.017	0.070	0.010	0.075	0.010	0.010	0.010	0.015	0.010	0.029	99
SE0022R	anthracene	precip+dry_dep	0.600	0.458	0.320	0.512	0.204	0.160	0.122	0.146	0.230	0.210	1.799	2.910	0.628	99
SE0022R	BDE_100	precip+dry_dep	0.020	0.024	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.015	0.010	0.012	99
SE0022R	BDE_47	precip+dry_dep	0.020	0.024	0.010	0.010	0.010	0.010	0.011	0.028	0.010	0.010	0.018	0.031	0.016	99
SE0022R	BDE_99	precip+dry_dep	0.030	0.030	0.010	0.010	0.019	0.010	0.012	0.040	0.010	0.010	0.020	0.014	0.018	99
SE0022R	benz_a_anthracene	precip+dry_dep	4.260	3.405	1.760	4.220	1.338	1.260	0.798	1.083	1.720	0.850	11.735	19.370	4.237	99
SE0022R	benzo_a_pyrene	precip+dry_dep	5.030	3.533	1.530	6.295	1.654	1.410	0.770	1.279	2.680	0.970	15.095	20.310	4.960	99
SE0022R	benzo_b_fluoranthene	precip+dry_dep	11.390	7.919	3.140	8.230	2.318	1.830	1.064	1.732	3.300	1.790	25.343	31.220	8.134	99
SE0022R	benzo_ghi_perylene	precip+dry_dep	8.060	5.623	2.160	6.512	1.672	1.550	0.916	1.307	2.380	1.440	21.850	24.470	6.386	99
SE0022R	benzo_k_fluoranthene	precip+dry_dep	4.270	2.983	1.290	3.925	1.070	0.870	0.486	0.817	1.630	0.750	10.987	14.490	3.568	99
SE0022R	chrysene	precip+dry_dep	10.970	7.731	4.000	7.733	3.742	2.000	1.032	1.968	7.000	2.000	25.367	33.000	8.737	99
SE0022R	dibenzo_ah_anthracene	precip+dry_dep	1.270	0.936	0.420	1.164	0.328	0.250	0.157	0.263	0.540	0.280	4.662	5.740	1.310	99
SE0022R	fluoranthene	precip+dry_dep	22.540	16.776	13.710	18.085	6.047	3.930	2.641	4.111	6.300	4.430	46.707	61.590	16.982	99
SE0022R	gamma_HCH	precip+dry_dep	0.079	0.072	0.032	0.046	0.153	0.093	0.121	0.048	0.032	0.010	0.057	0.010	0.063	99
SE0022R	HCB	precip+dry_dep	0.031	0.048	0.051	0.062	0.098	0.053	0.046	0.050	0.054	0.015	0.067	0.058	0.053	99
SE0022R	inden_123cd_pyrene	precip+dry_dep	10.520	7.261	2.320	6.552	1.836	1.470	0.875	1.513	3.090	1.530	24.689	28.010	7.345	99
SE0022R	PCB_101	precip+dry_dep	0.030	0.043	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.039	0.030	0.032	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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SE0022R	PCB_118	precip+dry_dep	0.030	0.036	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.025	0.020	0.023	99
SE0022R	PCB_138	precip+dry_dep	0.030	0.036	0.020	0.029	0.021	0.030	0.020	0.020	0.020	0.020	0.025	0.020	0.024	99
SE0022R	PCB_153	precip+dry_dep	0.030	0.036	0.020	0.020	0.021	0.030	0.020	0.020	0.020	0.020	0.025	0.020	0.024	99
SE0022R	PCB_180	precip+dry_dep	0.030	0.036	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.025	0.020	0.023	99
SE0022R	PCB_28	precip+dry_dep	0.030	0.043	0.030	0.039	0.030	0.030	0.030	0.030	0.030	0.030	0.035	0.030	0.032	99
SE0022R	PCB_52	precip+dry_dep	0.040	0.054	0.030	0.067	0.030	0.030	0.030	0.030	0.030	0.030	0.039	0.030	0.037	99
SE0022R	phenanthrene	precip+dry_dep	18.970	15.124	14.040	12.440	6.742	3.650	3.466	4.419	5.090	3.980	29.205	37.420	12.728	99
SE0022R	pp_DDD	precip+dry_dep	0.010	0.013	0.046	0.049	0.008	0.024	0.074	0.047	0.044	0.013	0.039	0.081	0.037	99
SE0022R	pp_DDE	precip+dry_dep	0.019	0.026	0.039	0.118	0.047	0.034	0.027	0.054	0.077	0.010	0.080	0.052	0.048	99
SE0022R	pp_DDT	precip+dry_dep	0.010	0.018	0.010	0.098	0.021	0.010	0.010	0.010	0.010	0.010	0.015	0.010	0.019	99
SE0022R	pyrene	precip+dry_dep	14.300	10.468	6.490	12.852	3.992	2.860	1.832	2.857	4.870	3.090	35.329	46.250	11.904	99
SI0008R	benz_a_anthracene	precip+dry_dep	28	11	15	30	12	3	3	2	5	8	17	19	13	98
SI0008R	benzo_a_pyrene	precip+dry_dep	35	11	11	33	14	2	2	3	7	9	20	25	14	98
SI0008R	benzo_bjk_fluoranthenes	precip+dry_dep	165	64	51	127	62	27	13	21	38	50	104	121	69	98
SI0008R	dibenzo_ah_anthracene	precip+dry_dep	14	10	8	13	11	7	3	5	3	7	10	8	8	98
SI0008R	inden_123cd_pyrene	precip+dry_dep	51	21	17	44	18	4	3	4	8	14	39	40	21	98
GB0048R	1-methylnaphthalene	wetdep	564	375	463	432	260	-	-	-	-	-	-	-	-	-
GB0048R	1-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	2-methylanthracene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	2-methylnaphthalene	wetdep	1046	644	891	799	440	-	-	-	-	-	-	-	-	-
GB0048R	2-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	9-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	acenaphthene	wetdep	239	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	acenaphthylene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	anthanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	anthracene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	benz_a_anthracene	wetdep	45	45	45	45	32	4	4	2	8	5	3	2	20	100
GB0048R	benzo_a_pyrene	wetdep	45	45	45	45	32	4	4	3	6	5	3	2	20	100
GB0048R	benzo_b_fluoranthene	wetdep	45	45	45	45	33	8	9	6	11	11	12	5	23	100
GB0048R	benzo_e_pyrene	wetdep	45	45	45	45	34	8	5	3	8	8	6	4	21	100
GB0048R	benzo_ghi_perylene	wetdep	45	45	45	45	33	8	9	6	14	15	10	5	23	100
GB0048R	benzo_k_fluoranthene	wetdep	45	45	45	45	32	3	4	3	4	4	4	2	20	100
GB0048R	biphenyl	wetdep	477	306	398	297	180	-	-	-	-	-	-	-	343	39
GB0048R	chrysene	wetdep	45	45	45	45	33	8	7	4	10	9	5	5	22	100
GB0048R	coronene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	45	39
GB0048R	cyclopenta_cd_pyrene	wetdep	45	45	45	45	32	2	1	1	2	2	1	1	18	100
GB0048R	dibenzo_ae_pyrene	wetdep	45	45	45	45	31	1	1	1	1	1	2	1	18	100
GB0048R	dibenzo_ah_anthracene	wetdep	45	45	45	45	31	1	1	1	1	1	2	1	18	100
GB0048R	dibenzo_ah_pyrene	wetdep	45	45	45	45	31	0	0	0	0	0	0	0	18	100

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GB0048R	dibenzo_ai_pyrene	wetdep	45	45	45	45	31	0	0	0	0	0	0	0	18	100
GB0048R	fluoranthene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	fluorene	wetdep	602	414	458	297	180	-	-	-	-	-	-	-	-	-
GB0048R	inden_123cd_pyrene	wetdep	45	45	45	45	32	4	5	3	6	6	5	2	20	100
GB0048R	naphthalene	wetdep	1509	947	1275	526	440	-	-	-	-	-	-	-	-	-
GB0048R	perylene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	phenanthrene	wetdep	749	661	776	289	70	-	-	-	-	-	-	-	-	-
GB0048R	pyrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB0048R	retene	wetdep	70	70	70	70	70	-	-	-	-	-	-	-	-	-
GB1055R	1-methylnaphthalene	wetdep	655	271	454	376	220	-	-	-	-	-	-	-	-	-
GB1055R	1-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	2-methylanthracene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	2-methylnaphthalene	wetdep	1307	552	915	683	370	-	-	-	-	-	-	-	-	-
GB1055R	2-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	9-methylphenanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	acenaphthene	wetdep	338	52	160	45	45	-	-	-	-	-	-	-	-	-
GB1055R	acenaphthylene	wetdep	57	289	382	45	45	-	-	-	-	-	-	-	-	-
GB1055R	anthanthrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	anthracene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	benz_a_anthracene	wetdep	45	45	45	45	33	7	8	6	7	6	6	4	21	100
GB1055R	benzo_a_pyrene	wetdep	45	45	45	45	33	9	10	9	11	7	6	3	22	100
GB1055R	benzo_b_fluoranthene	wetdep	45	45	45	45	34	13	16	14	14	14	15	10	26	100
GB1055R	benzo_e_pyrene	wetdep	45	45	45	45	34	13	12	10	12	6	10	11	24	100
GB1055R	benzo_ghi_perylene	wetdep	45	45	45	45	34	16	18	13	12	22	12	7	26	100
GB1055R	benzo_k_fluoranthene	wetdep	45	45	45	45	32	6	7	6	6	3	4	3	21	100
GB1055R	biphenyl	wetdep	564	248	378	252	45	-	-	-	-	-	-	-	-	-
GB1055R	chrysene	wetdep	45	45	45	45	34	11	12	10	11	11	13	10	24	100
GB1055R	coronene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	cyclopenta_cd_pyrene	wetdep	45	45	45	45	32	2	2	2	2	2	1	1	19	100
GB1055R	dibenzo_ae_pyrene	wetdep	45	45	45	45	32	2	2	2	2	2	2	2	19	100
GB1055R	dibenzo_ah_anthracene	wetdep	45	45	45	45	32	2	3	2	2	1	2	2	19	100
GB1055R	dibenzo_ah_pyrene	wetdep	45	45	45	45	31	0	0	0	0	0	1	0	18	100
GB1055R	dibenzo_ai_pyrene	wetdep	45	45	45	45	31	0	0	0	0	0	0	0	18	100
GB1055R	fluoranthene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	45	39
GB1055R	fluorene	wetdep	851	400	532	252	45	-	-	-	-	-	-	-	443	39
GB1055R	inden_123cd_pyrene	wetdep	45	45	45	45	33	8	9	8	8	7	6	5	22	100
GB1055R	naphthalene	wetdep	1678	801	923	436	280	-	-	-	-	-	-	-	-	-
GB1055R	perylene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-
GB1055R	phenanthrene	wetdep	1021	547	782	320	70	-	-	-	-	-	-	-	-	-
GB1055R	pyrene	wetdep	45	45	45	45	45	-	-	-	-	-	-	-	-	-

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Annual	Capture
GB1055R	retene	wetdep	70	70	70	70	70	-	-	-	-	-	-	-	-	-

Appendix H

Monthly and annual mean values for POPs in air

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
BE0013R	benz_a_anthracene	pm10	0.100	0.058	0.017	0.031	0.006	0.014	0.030	0.009	0.009	0.009	0.042	0.086	0.035	33
BE0013R	benzo_a_pyrene	pm10	0.149	0.123	0.036	0.045	0.008	0.019	0.036	0.018	0.011	0.017	0.081	0.144	0.058	33
BE0013R	benzo_ghi_perylene	pm10	0.201	0.224	0.064	0.075	0.010	0.020	0.049	0.022	0.017	0.036	0.164	0.259	0.097	33
BE0013R	chrysene	pm10	0.266	0.198	0.089	0.103	0.029	0.046	0.066	0.033	0.022	0.034	0.142	0.251	0.109	33
BE0013R	fluoranthene	pm10	0.167	0.095	0.079	0.111	0.022	0.062	0.059	0.043	0.019	0.023	0.078	0.092	0.071	33
BE0013R	inden_123cd_pyrene	pm10	0.151	0.187	0.055	0.063	0.005	0.017	0.040	0.021	0.014	0.028	0.113	0.189	0.075	33
BE0013R	pyrene	pm10	0.184	0.083	0.046	0.078	0.012	0.045	0.039	0.029	0.017	0.018	0.077	0.091	0.061	33
CZ0003R	HCB	air+pm10	30.1	35.1	33.1	38.0	34.5	26.5	27.6	28.9	34.1	50.5	58.4	57.0	37.7	14
CZ0003R	PCB_101	air+pm10	0.365	0.525	0.425	0.727	0.661	1.665	0.983	1.102	0.703	0.567	0.475	0.412	0.712	14
CZ0003R	PCB_118	air+pm10	0.089	0.141	0.126	0.249	0.150	0.514	0.282	0.325	0.209	0.156	0.145	0.114	0.205	14
CZ0003R	PCB_138	air+pm10	0.395	0.532	0.439	0.640	0.548	1.640	1.019	1.155	0.664	0.634	0.514	0.509	0.719	14
CZ0003R	PCB_153	air+pm10	0.230	0.244	0.203	0.351	0.286	0.808	0.487	0.568	0.321	0.285	0.240	0.201	0.350	14
CZ0003R	PCB_180	air+pm10	0.142	0.107	0.070	0.172	0.134	0.444	0.251	0.264	0.132	0.162	0.152	0.154	0.181	14
CZ0003R	PCB_28	air+pm10	0.838	1.091	0.982	2.393	1.584	3.845	1.986	2.172	1.414	1.361	1.708	1.123	1.688	14
CZ0003R	PCB_52	air+pm10	0.521	0.823	0.698	1.455	1.031	2.505	1.322	1.484	1.079	0.951	0.974	0.781	1.122	14
CZ0003R	acenaphthene	air+pm10	0.607	0.326	0.172	0.108	0.079	0.037	0.036	0.038	0.052	0.143	0.248	0.343	0.185	14
CZ0003R	acenaphthylene	air+pm10	1.013	0.524	0.228	0.064	0.093	0.009	0.016	0.024	0.085	0.348	0.595	0.868	0.326	14
CZ0003R	alpha_HCH	air+pm10	1.016	1.190	1.521	3.780	2.440	6.823	2.449	3.664	2.478	2.292	2.489	1.915	2.629	14
CZ0003R	anthracene	air+pm10	0.279	0.145	0.049	0.050	0.045	0.008	0.007	0.012	0.021	0.111	0.170	0.182	0.092	14
CZ0003R	benz_a_anthracene	air+pm10	1.182	0.592	0.249	0.385	0.081	0.010	0.009	0.020	0.052	0.293	0.377	0.631	0.329	14
CZ0003R	benzo_a_pyrene	air+pm10	1.248	0.681	0.330	0.483	0.125	0.020	0.014	0.035	0.093	0.302	0.391	0.627	0.367	14
CZ0003R	benzo_b_fluoranthene	air+pm10	1.618	0.758	0.362	0.619	0.164	0.037	0.025	0.059	0.128	0.426	0.608	0.866	0.479	14
CZ0003R	benzo_ghi_perylene	air+pm10	1.329	0.693	0.352	0.418	0.116	0.021	0.016	0.039	0.091	0.251	0.350	0.478	0.353	14
CZ0003R	benzo_k_fluoranthene	air+pm10	0.647	0.327	0.153	0.245	0.064	0.011	0.010	0.021	0.044	0.160	0.234	0.343	0.191	14
CZ0003R	delta_HCH	air+pm10	0.050	0.050	0.050	0.123	0.075	0.306	0.082	0.152	0.069	0.082	0.063	0.050	0.094	14
CZ0003R	dibenzo_ah_anthracene	air+pm10	0.138	0.076	0.036	0.040	0.011	0.001	0.001	0.003	0.006	0.021	0.032	0.040	0.035	14
CZ0003R	fluoranthene	air+pm10	3.571	2.246	1.098	1.342	0.645	0.281	0.138	0.221	0.361	1.031	1.727	2.296	1.254	14
CZ0003R	fluorene	air+pm10	3.573	2.227	1.085	1.124	0.629	0.354	0.241	0.310	0.413	0.973	2.117	2.347	1.289	14
CZ0003R	gamma_HCH	air+pm10	1.074	1.805	1.478	2.603	2.340	6.293	3.422	5.097	3.155	2.765	2.316	1.910	2.828	14
CZ0003R	inden_123cd_pyrene	air+pm10	1.585	0.816	0.407	0.516	0.145	0.023	0.018	0.046	0.102	0.338	0.476	0.641	0.434	14
CZ0003R	naphthalene	air+pm10	5.443	2.724	1.283	0.910	0.315	0.129	0.152	0.134	0.280	0.951	1.741	2.734	1.424	14
CZ0003R	pentachlorobenzene	air+pm10	12.215	10.123	9.753	8.552	5.870	3.813	3.490	3.243	5.268	12.700	15.126	21.735	9.265	14
CZ0003R	phenanthrene	air+pm10	6.247	4.175	2.289	2.051	1.582	0.850	0.413	0.612	0.870	2.398	4.661	5.415	2.633	14
CZ0003R	pp_DDD	air+pm10	0.110	0.106	0.099	0.316	0.339	0.238	0.196	0.400	0.231	0.244	0.190	0.259	0.228	14

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
CZ0003R	pp_DDE	air+pm10	2.678	4.634	4.879	7.904	8.039	16.282	7.163	14.836	9.738	9.197	8.950	6.304	8.296	14
CZ0003R	pp_DDT	air+pm10	0.984	1.040	0.948	1.802	1.815	4.936	2.348	2.808	1.474	1.351	1.123	1.308	1.815	14
CZ0003R	pyrene	air+pm10	2.530	1.499	0.725	0.850	0.387	0.134	0.086	0.157	0.286	0.811	1.304	1.718	0.880	14
DE0001R	HCB	air+pm10	29.6	30.2	21.5	26.1	19.2	12.4	8.9	10.4	12.0	18.4	22.3	20.7	19.2	100
DE0001R	PCB_101	air+pm10	0.655	1.462	1.047	1.548	1.166	2.683	2.177	3.325	1.595	1.834	1.309	1.622	1.703	100
DE0001R	PCB_118	air+pm10	0.190	0.359	0.317	0.425	0.313	0.648	0.425	0.615	0.343	0.325	0.249	0.326	0.378	100
DE0001R	PCB_138	air+pm10	0.397	0.770	0.682	1.157	0.800	2.060	1.477	2.134	1.098	0.525	0.506	0.366	0.997	100
DE0001R	PCB_153	air+pm10	0.532	1.006	0.877	1.248	0.896	2.211	1.585	2.333	1.185	1.382	0.970	1.236	1.290	100
DE0001R	PCB_180	air+pm10	0.096	0.242	0.119	0.278	0.189	0.494	0.361	0.477	0.232	0.205	0.170	0.173	0.253	100
DE0001R	PCB_28	air+pm10	0.756	1.601	1.138	1.883	1.350	1.733	1.308	1.893	1.216	1.551	1.552	1.599	1.462	100
DE0001R	PCB_52	air+pm10	0.964	2.351	1.417	1.846	1.448	2.191	1.847	3.020	1.434	1.932	1.702	2.036	1.845	100
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	100
DE0001R	alpha_HCH	air+pm10	2.131	2.766	2.589	3.743	3.204	3.182	2.091	3.383	3.264	4.151	3.588	2.566	3.053	100
DE0001R	anthracene	air+pm10	0.081	0.097	0.012	0.032	0.026	0.041	0.055	0.010	0.026	0.018	0.059	0.016	0.039	100
DE0001R	benz_a_anthracene	air+pm10	0.030	0.250	0.005	0.020	0.005	0.003	0.009	0.003	0.006	0.018	0.122	0.042	0.041	100
DE0001R	benzo_a_pyrene	air+pm10	0.021	0.296	0.003	0.038	0.006	0.007	0.008	0.008	0.007	0.018	0.148	0.043	0.048	100
DE0001R	benzo_bjk_fluoranthenes	air+pm10	0.137	0.956	0.021	0.134	0.030	0.034	0.034	0.028	0.030	0.082	0.435	0.221	0.172	100
DE0001R	benzo_ghi_perylene	air+pm10	0.056	0.247	0.008	0.039	0.010	0.011	0.015	0.008	0.011	0.033	0.169	0.079	0.056	100
DE0001R	chrysene_triphenylene	air+pm10	0.094	0.545	0.021	0.071	0.022	0.021	0.027	0.021	0.020	0.048	0.232	0.122	0.100	100
DE0001R	dibenzo_ah_anthracene	air+pm10	0.009	0.060	0.002	0.006	0.002	0.002	0.002	0.002	0.001	0.005	0.029	0.012	0.011	100
DE0001R	dieldrin	air+pm10	1.158	1.916	2.211	1.728	1.960	3.072	3.412	3.189	2.872	2.714	1.792	2.112	2.348	100
DE0001R	endrin	air+pm10	0.062	0.067	0.093	0.076	0.002	0.060	0.076	0.103	0.102	0.067	0.002	0.048	0.063	100
DE0001R	fluoranthene	air+pm10	0.398	1.383	0.123	0.556	0.262	0.608	0.469	0.277	0.343	0.202	0.698	0.352	0.464	100
DE0001R	gamma_HCH	air+pm10	3.881	5.599	5.420	7.287	5.769	11.445	9.547	11.809	9.423	7.992	5.679	4.650	7.378	100
DE0001R	heptachlor	air+pm10	0.001	0.108	0.059	0.096	0.039	0.041	0.025	0.047	0.036	0.076	0.074	0.091	0.057	100
DE0001R	inden_123cd_pyrene	air+pm10	0.055	0.296	0.008	0.048	0.011	0.013	0.010	0.008	0.009	0.036	0.192	0.085	0.062	100
DE0001R	op_DDD	air+pm10	0.051	0.095	0.102	0.087	0.074	0.130	0.137	0.257	0.143	0.143	0.096	0.105	0.118	100
DE0001R	op_DDE	air+pm10	0.088	0.150	0.108	0.111	0.078	0.120	0.087	0.156	0.102	0.157	0.170	0.128	0.121	100
DE0001R	op_DDT	air+pm10	0.150	0.295	0.173	0.493	0.290	0.614	0.619	1.083	0.391	0.561	0.370	0.281	0.444	100
DE0001R	phenanthrene	air+pm10	1.292	2.929	0.482	1.891	1.206	2.091	1.652	0.614	1.616	0.717	1.847	1.069	1.434	100
DE0001R	pp_DDD	air+pm10	0.062	0.117	0.076	0.119	0.092	0.185	0.143	0.310	0.137	0.129	0.102	0.088	0.130	100
DE0001R	pp_DDE	air+pm10	1.120	2.859	1.858	1.743	1.039	2.105	1.828	3.796	1.841	3.928	4.659	2.121	2.402	100
DE0001R	pp_DDT	air+pm10	0.170	0.458	0.238	0.536	0.422	0.996	0.575	1.222	0.516	0.850	0.805	0.414	0.600	100
DE0001R	pyrene	air+pm10	0.304	0.935	0.064	0.241	0.109	0.212	0.283	0.172	0.235	0.117	0.410	0.201	0.268	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0002R	HCB	air+pm10	30.9	30.2	23.6	25.2	23.4	13.9	16.3	20.2	21.2	23.2	25.2	29.3	23.5	100
DE0002R	PCB_101	air+pm10	0.992	1.260	1.653	1.893	1.669	3.169	2.652	3.160	2.314	2.066	1.258	1.313	1.953	100
DE0002R	PCB_118	air+pm10	0.196	0.294	0.386	0.369	0.364	0.691	0.418	0.525	0.378	0.409	0.214	0.229	0.373	100
DE0002R	PCB_138	air+pm10	0.463	0.674	1.068	1.004	0.944	2.028	1.505	1.687	1.147	0.596	0.440	0.474	1.004	100
DE0002R	PCB_153	air+pm10	0.560	0.793	1.101	0.971	1.059	2.168	1.615	1.835	1.228	1.561	0.846	0.925	1.225	100
DE0002R	PCB_180	air+pm10	0.193	0.246	0.280	0.219	0.228	0.507	0.358	0.393	0.247	0.326	0.163	0.194	0.280	100
DE0002R	PCB_28	air+pm10	1.620	2.028	1.671	2.852	2.176	1.697	1.516	1.880	1.923	2.240	1.786	1.793	1.930	100
DE0002R	PCB_52	air+pm10	1.464	2.051	1.977	2.168	2.009	2.565	2.353	2.996	2.611	2.642	1.844	1.916	2.217	100
DE0002R	aldrin	air+pm10	0.001	0.001	0.001	0.018	0.006	0.005	0.009	0.012	0.017	0.024	0.015	0.001	0.009	100
DE0002R	alpha_HCH	air+pm10	2.876	3.901	3.524	4.084	4.026	2.250	3.219	3.794	4.277	3.578	3.629	2.787	3.491	100
DE0002R	anthracene	air+pm10	0.036	0.100	0.012	0.010	0.006	0.006	0.007	0.011	0.018	0.037	0.099	0.076	0.034	100
DE0002R	benz_a_anthracene	air+pm10	0.099	0.508	0.021	0.041	0.009	0.007	0.004	0.006	0.045	0.070	0.391	0.225	0.116	100
DE0002R	benzo_a_pyrene	air+pm10	0.130	0.501	0.019	0.052	0.010	0.009	0.009	0.013	0.056	0.082	0.397	0.269	0.126	100
DE0002R	benzo_bjk_fluoranthenes	air+pm10	0.495	1.408	0.098	0.149	0.042	0.030	0.040	0.045	0.193	0.239	1.071	0.692	0.367	100
DE0002R	benzo_ghi_perylene	air+pm10	0.135	0.402	0.038	0.058	0.018	0.011	0.011	0.013	0.063	0.090	0.400	0.279	0.124	100
DE0002R	chrysene_triphenylene	air+pm10	0.297	0.850	0.067	0.092	0.029	0.025	0.021	0.025	0.103	0.130	0.574	0.382	0.211	100
DE0002R	dibenzo_ah_anthracene	air+pm10	0.027	0.084	0.007	0.010	0.003	0.002	0.003	0.003	0.011	0.011	0.060	0.042	0.021	100
DE0002R	dieldrin	air+pm10	1.694	2.631	4.564	3.441	4.002	5.511	5.061	5.443	5.526	4.342	2.458	2.511	3.940	100
DE0002R	endrin	air+pm10	0.125	0.094	0.170	0.049	0.070	0.091	0.109	0.093	0.087	0.054	0.038	0.039	0.085	100
DE0002R	fluoranthene	air+pm10	0.918	2.177	0.357	0.362	0.182	0.230	0.232	0.272	0.395	0.419	1.274	1.000	0.640	100
DE0002R	gamma_HCH	air+pm10	7.6	11.0	11.1	14.3	11.1	13.6	16.7	14.5	15.3	15.6	10.0	8.9	12.5	100
DE0002R	heptachlor	air+pm10	0.108	0.119	0.109	0.121	0.068	0.041	0.057	0.083	0.130	0.084	0.111	0.052	0.090	100
DE0002R	inden_123cd_pyrene	air+pm10	0.156	0.464	0.040	0.064	0.018	0.011	0.011	0.013	0.064	0.107	0.446	0.293	0.138	100
DE0002R	op_DDD	air+pm10	0.060	0.076	0.095	0.201	0.151	0.388	0.219	0.205	0.156	0.166	0.129	0.076	0.160	100
DE0002R	op_DDE	air+pm10	0.131	0.190	0.221	0.408	0.294	0.598	0.263	0.319	0.231	0.477	0.420	0.251	0.317	100
DE0002R	op_DDT	air+pm10	0.526	0.920	1.285	2.852	2.059	6.029	1.754	2.830	1.886	3.688	1.488	0.842	2.181	100
DE0002R	phenanthrene	air+pm10	3.376	5.432	1.593	1.068	0.784	0.674	0.996	1.158	1.858	1.855	6.714	4.855	2.506	100
DE0002R	pp_DDD	air+pm10	0.139	0.178	0.137	0.305	0.207	0.584	0.283	0.316	0.269	0.251	0.219	0.139	0.252	100
DE0002R	pp_DDE	air+pm10	3.076	5.166	7.388	14.621	8.830	22.601	4.767	11.458	8.295	20.347	12.767	6.148	10.454	100
DE0002R	pp_DDT	air+pm10	0.972	1.554	1.837	4.139	3.140	8.398	3.247	4.259	3.057	4.370	2.428	1.339	3.228	100
DE0002R	pyrene	air+pm10	0.599	1.518	0.186	0.195	0.084	0.103	0.104	0.115	0.224	0.280	0.929	0.713	0.412	100
DE0003R	anthracene	air+pm10	0.030	0.015	0.014	0.020	0.010	0.007	0.016	0.015	0.014	0.022	0.022	0.008	0.016	100
DE0003R	benz_a_anthracene	air+pm10	0.026	0.010	0.008	0.013	0.005	0.002	0.003	0.003	0.004	0.008	0.013	0.005	0.008	100
DE0003R	benzo_a_pyrene	air+pm10	0.040	0.016	0.012	0.025	0.009	0.004	0.007	0.006	0.009	0.008	0.017	0.007	0.013	100
DE0003R	benzo_bjk_fluoranthenes	air+pm10	0.134	0.066	0.050	0.082	0.031	0.012	0.019	0.019	0.029	0.033	0.071	0.026	0.048	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0003R	benzo_ghi_perylene	air+pm10	0.055	0.029	0.021	0.026	0.011	0.005	0.006	0.006	0.010	0.015	0.035	0.013	0.019	100
DE0003R	chrysene_triphenylene	air+pm10	0.081	0.039	0.032	0.040	0.016	0.009	0.013	0.013	0.016	0.022	0.040	0.017	0.028	100
DE0003R	dibenzo_ah_anthracene	air+pm10	0.009	0.004	0.003	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.003	100
DE0003R	fluoranthene	air+pm10	0.384	0.254	0.219	0.227	0.143	0.150	0.170	0.152	0.154	0.148	0.189	0.102	0.191	100
DE0003R	inden_123cd_pyrene	air+pm10	0.057	0.028	0.022	0.031	0.013	0.005	0.006	0.006	0.009	0.015	0.036	0.013	0.020	100
DE0003R	phenanthrene	air+pm10	1.440	1.026	0.944	0.883	0.756	0.507	1.092	0.928	1.113	0.753	0.922	0.543	0.909	100
DE0003R	pyrene	air+pm10	0.225	0.109	0.107	0.135	0.069	0.069	0.088	0.115	0.151	0.117	0.121	0.062	0.114	100
DE0008R	anthracene	air+pm10	0.275	0.341	0.276	0.075	0.192	0.026	0.102	0.142	0.166	0.247	0.240	0.203	0.190	100
DE0008R	benz_a_anthracene	air+pm10	0.112	0.129	0.046	0.053	0.066	0.004	0.019	0.069	0.043	0.080	0.107	0.115	0.070	100
DE0008R	benzo_a_pyrene	air+pm10	0.114	0.143	0.038	0.062	0.064	0.007	0.013	0.027	0.064	0.045	0.112	0.137	0.069	100
DE0008R	benzo_bjk_fluoranthenes	air+pm10	0.371	0.415	0.155	0.192	0.138	0.022	0.059	0.150	0.141	0.194	0.291	0.397	0.209	100
DE0008R	benzo_ghi_perylene	air+pm10	0.122	0.159	0.055	0.069	0.050	0.007	0.018	0.043	0.057	0.077	0.139	0.158	0.079	100
DE0008R	chrysene_triphenylene	air+pm10	0.260	0.280	0.118	0.123	0.104	0.016	0.046	0.106	0.088	0.144	0.187	0.222	0.141	100
DE0008R	dibenzo_ah_anthracene	air+pm10	0.023	0.027	0.010	0.011	0.008	0.001	0.003	0.006	0.008	0.009	0.015	0.022	0.012	100
DE0008R	fluoranthene	air+pm10	1.126	1.406	0.716	0.481	0.496	0.265	0.349	0.862	0.603	0.601	0.721	0.664	0.687	100
DE0008R	inden_123cd_pyrene	air+pm10	0.140	0.170	0.061	0.078	0.056	0.008	0.018	0.042	0.057	0.088	0.151	0.179	0.087	100
DE0008R	phenanthrene	air+pm10	4.668	6.548	4.176	1.831	2.077	0.974	1.384	1.416	1.500	2.355	3.131	2.635	2.703	100
DE0008R	pyrene	air+pm10	0.754	0.915	0.523	0.313	0.337	0.244	0.306	0.808	0.503	0.490	0.590	0.503	0.522	100
DE0009R	HCB	air+pm10	34.7	25.8	22.3	23.4	19.9	11.4	9.9	10.6	13.2	19.9	22.4	25.3	19.9	100
DE0009R	PCB_101	air+pm10	0.490	0.902	0.727	0.672	0.727	1.186	1.092	1.673	1.125	0.986	0.724	0.867	0.931	100
DE0009R	PCB_118	air+pm10	0.128	0.243	0.197	0.228	0.215	0.337	0.243	0.328	0.205	0.185	0.124	0.139	0.214	100
DE0009R	PCB_138	air+pm10	0.255	0.461	0.432	0.442	0.468	0.868	0.627	0.981	0.565	0.358	0.218	0.298	0.498	100
DE0009R	PCB_153	air+pm10	0.298	0.563	0.547	0.468	0.516	0.967	0.684	1.060	0.637	0.566	0.354	0.445	0.592	100
DE0009R	PCB_180	air+pm10	0.079	0.178	0.107	0.105	0.106	0.193	0.147	0.207	0.115	0.087	0.071	0.094	0.124	100
DE0009R	PCB_28	air+pm10	0.870	1.465	0.868	1.422	1.414	1.553	1.305	1.651	1.286	1.331	1.371	1.165	1.306	100
DE0009R	PCB_52	air+pm10	0.839	1.716	1.061	1.056	1.150	1.405	1.417	1.738	1.278	1.283	1.032	1.168	1.259	100
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	91
DE0009R	alpha_HCH	air+pm10	2.156	3.603	2.356	3.107	3.117	2.559	2.982	3.037	4.461	3.725	3.392	2.920	3.111	100
DE0009R	anthracene	air+pm10	0.036	0.108	0.022	0.038	0.012	0.027	0.013	0.006	0.047	0.023	0.057	0.045	0.036	100
DE0009R	benz_a_anthracene	air+pm10	0.066	0.469	0.013	0.124	0.016	0.004	0.004	0.004	0.028	0.050	0.203	0.139	0.090	100
DE0009R	benzo_a_pyrene	air+pm10	0.072	0.457	0.009	0.158	0.018	0.006	0.004	0.006	0.015	0.064	0.257	0.174	0.100	100
DE0009R	benzo_bjk_fluoranthenes	air+pm10	0.273	1.466	0.064	0.394	0.062	0.023	0.017	0.023	0.090	0.192	0.698	0.493	0.307	100
DE0009R	benzo_ghi_perylene	air+pm10	0.101	0.363	0.027	0.144	0.025	0.009	0.008	0.009	0.026	0.083	0.275	0.213	0.105	100
DE0009R	chrysene_triphenylene	air+pm10	0.194	0.763	0.058	0.236	0.045	0.022	0.016	0.018	0.056	0.099	0.367	0.282	0.175	100

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DE0009R	dibenzo_ah_anthracene	air+pm10	0.017	0.083	0.005	0.026	0.004	0.001	0.001	0.001	0.006	0.014	0.044	0.029	0.019	100
DE0009R	dieldrin	air+pm10	0.746	1.935	1.540	0.821	1.142	1.753	1.986	1.821	1.644	1.820	1.199	1.236	1.468	100
DE0009R	endrin	air+pm10	0.048	0.102	0.070	0.002	0.019	0.043	0.082	0.065	0.056	0.022	0.009	0.002	0.043	100
DE0009R	fluoranthene	air+pm10	0.617	2.526	0.327	0.543	0.146	0.189	0.110	0.125	0.273	0.295	0.944	0.646	0.546	100
DE0009R	gamma_HCH	air+pm10	4.669	8.764	7.638	7.336	8.715	11.338	10.097	12.110	10.724	9.464	6.250	7.654	8.728	100
DE0009R	heptachlor	air+pm10	0.060	0.113	0.048	0.026	0.016	0.012	0.001	0.152	0.031	0.036	0.051	0.057	0.050	100
DE0009R	inden_123cd_pyrene	air+pm10	0.109	0.419	0.027	0.155	0.024	0.009	0.008	0.010	0.030	0.094	0.311	0.235	0.117	100
DE0009R	op_DDD	air+pm10	0.144	0.215	0.264	0.253	0.348	0.614	0.550	0.847	0.540	0.322	0.173	0.213	0.375	100
DE0009R	op_DDE	air+pm10	0.241	0.354	0.359	0.244	0.273	0.452	0.340	0.760	0.496	0.526	0.339	0.434	0.402	100
DE0009R	op_DDT	air+pm10	1.025	1.619	1.690	1.767	2.230	4.382	3.671	7.351	4.737	3.191	1.620	1.916	2.942	100
DE0009R	phenanthrene	air+pm10	2.420	6.450	1.366	0.969	0.483	0.701	0.388	0.365	1.253	1.106	2.882	2.055	1.667	100
DE0009R	pp_DDD	air+pm10	0.334	0.444	0.505	0.541	0.721	0.928	0.547	0.567	1.252	0.568	0.280	0.420	0.592	100
DE0009R	pp_DDE	air+pm10	4.728	8.526	7.612	5.067	5.128	9.748	7.336	31.431	23.994	18.419	9.414	9.751	11.786	100
DE0009R	pp_DDT	air+pm10	2.028	3.520	3.711	3.333	4.348	8.985	9.389	14.017	7.813	6.187	3.422	4.252	5.937	100
DE0009R	pyrene	air+pm10	0.422	1.444	0.188	0.414	0.101	0.104	0.093	0.087	0.168	0.199	0.633	0.476	0.352	100
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	25
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	25
DK0010G	BDE_153	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	25
DK0010G	BDE_154	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	25
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	25
DK0010G	BDE_28	air	0.010	0.010	0.150	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.021	25
DK0010G	BDE_47	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	25
DK0010G	BDE_66	air	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.330	0.010	0.010	0.057	0.037	0.042	25
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	25
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	25
DK0010G	BDE_99	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.330	0.020	0.020	0.020	0.020	0.044	25
DK0010G	HCB	air	29.9	24.7	26.8	38.7	38.1	40.2	43.3	49.8	38.1	42.9	35.8	39.8	37.6	25
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	25
DK0010G	alpha_HCH	air	2.370	2.940	3.590	2.800	2.680	1.820	1.950	5.000	4.170	4.131	3.619	2.260	3.137	25
DK0010G	beta_HCH	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	25
DK0010G	cis_CD	air	0.240	0.140	0.270	0.370	0.490	0.420	0.310	0.470	0.290	0.331	0.257	0.200	0.312	25
DK0010G	cis_NO	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	25
DK0010G	dieldrin	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	25
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	25
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	25

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
DK0010G	gamma_HCH	air	1.110	4.720	6.090	0.530	0.790	0.280	0.280	0.700	0.820	0.670	0.550	0.471	1.353	25
DK0010G	heptachlor	air	0.250	1.300	1.710	0.001	0.001	0.100	0.090	0.130	0.090	0.074	0.088	0.118	0.311	25
DK0010G	heptachlorepoxide	air	0.160	0.001	0.001	0.330	0.440	0.001	0.290	0.480	0.320	0.378	0.001	0.001	0.197	25
DK0010G	op_DDE	air	0.280	0.660	0.830	0.050	0.140	0.180	0.180	0.230	0.070	0.169	0.316	0.274	0.279	25
DK0010G	op_DDT	air	0.050	0.370	0.500	0.020	0.080	0.040	0.040	0.160	0.010	0.058	0.213	0.298	0.155	25
DK0010G	pp_DDD	air	0.140	0.450	0.630	0.080	0.100	0.190	0.190	0.320	0.120	0.001	0.100	0.040	0.185	25
DK0010G	pp_DDE	air	0.280	0.660	0.830	0.050	0.140	0.180	0.180	0.230	0.070	0.169	0.316	0.274	0.279	25
DK0010G	pp_DDT	air	0.002	1.390	2.200	0.002	0.002	0.200	0.220	0.470	0.002	0.002	0.240	0.383	0.407	25
DK0010G	trans_CD	air	0.170	0.210	0.280	0.180	0.220	0.170	0.140	0.330	0.120	0.091	0.070	0.140	0.171	25
DK0010G	trans_NO	air	0.001	0.001	0.001	0.200	0.430	0.400	0.270	0.320	0.170	0.182	0.001	0.001	0.158	25
EE0009R	benzo_a_pyrene	pm10	0.432	0.143	0.046	0.070	0.021	0.002	0.003	0.010	0.036	0.061	0.141	0.125	0.084	98
ES0001R	acenaphthene	pm10	0.025	0.000	0.000	0.000	0.009	0.009	0.000	0.000	0.009	0.000	0.000	0.000	0.004	97
ES0001R	anthracene	pm10	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	97
ES0001R	benz_a_anthracene	pm10	0.006	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	97
ES0001R	benzo_a_pyrene	pm10	0.030	0.007	0.039	0.016	0.004	0.002	0.000	0.002	0.002	0.002	0.002	0.009	0.010	97
ES0001R	benzo_ghi_perylene	pm10	0.045	0.084	0.025	0.009	0.010	0.002	0.003	0.002	0.010	0.021	0.004	0.126	0.028	97
ES0001R	benzo_k_fluoranthene	pm10	0.154	0.062	0.041	0.008	0.014	0.010	0.002	0.002	0.005	0.023	0.006	0.078	0.034	97
ES0001R	chrysene	pm10	0.052	0.008	0.006	0.002	0.002	0.002	0.000	0.002	0.002	0.003	0.002	0.010	0.008	97
ES0001R	dibenzo_ah_anthracene	pm10	0.012	0.011	0.005	0.002	0.000	0.000	0.000	0.000	0.069	0.002	0.002	0.023	0.010	97
ES0001R	fluoranthene	pm10	0.053	0.007	0.007	0.008	0.003	0.003	0.003	0.009	0.003	0.003	0.003	0.011	0.010	97
ES0001R	fluorene	pm10	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	97
ES0001R	inden_123cd_pyrene	pm10	0.146	0.098	0.030	0.010	0.000	0.002	0.003	0.002	0.010	0.024	0.005	0.198	0.044	97
ES0001R	naphthalene	pm10	0.000	0.000	0.009	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0001R	phenanthrene	pm10	0.026	0.004	0.007	0.008	0.000	0.022	0.000	0.012	0.012	0.022	0.017	0.016	0.012	97
ES0001R	pyrene	pm10	0.039	0.003	0.003	0.003	0.000	0.003	0.006	0.003	0.003	0.000	0.003	0.007	0.006	97
ES0007R	acenaphthene	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	97
ES0007R	acenaphthylene	pm10	0.000	0.007	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0007R	anthracene	pm10	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.002	0.002	97
ES0007R	benz_a_anthracene	pm10	0.021	0.011	0.006	0.002	0.002	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.005	97
ES0007R	benzo_a_pyrene	pm10	0.042	0.018	0.035	0.006	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.008	0.010	97
ES0007R	benzo_ghi_perylene	pm10	0.102	0.169	0.050	0.014	0.015	0.002	0.002	0.002	0.002	0.002	0.005	0.021	0.031	97
ES0007R	benzo_k_fluoranthene	pm10	0.117	0.119	0.051	0.010	0.007	0.006	0.002	0.002	0.002	0.002	0.011	0.021	0.029	97
ES0007R	chrysene	pm10	0.071	0.034	0.018	0.009	0.004	0.003	0.000	0.002	0.002	0.010	0.008	0.009	0.014	97
ES0007R	dibenzo_ah_anthracene	pm10	0.010	0.016	0.005	0.002	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.003	0.004	97

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
ES0007R	fluoranthene	pm10	0.046	0.022	0.011	0.007	0.007	0.003	0.003	0.004	0.000	0.000	0.003	0.008	0.010	97
ES0007R	fluorene	pm10	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	97
ES0007R	inden_123cd_pyrene	pm10	0.143	0.177	0.051	0.014	0.013	0.002	0.002	0.002	0.002	0.002	0.007	0.027	0.036	97
ES0007R	naphthalene	pm10	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	97
ES0007R	phenanthrene	pm10	0.004	0.008	0.007	0.004	0.000	0.006	0.000	0.005	0.000	0.000	0.006	0.006	0.004	97
ES0007R	pyrene	pm10	0.049	0.023	0.012	0.009	0.012	0.003	0.011	0.008	0.006	0.014	0.006	0.007	0.013	97
ES0008R	acenaphthene	pm10	0.009	0.000	0.000	0.000	0.009	0.000	0.000	-	-	0.000	0.000	0.000	0.002	81
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	81
ES0008R	anthracene	pm10	0.004	0.007	0.000	0.000	0.000	0.000	0.000	-	-	0.000	0.000	0.001	0.001	81
ES0008R	benz_a_anthracene	pm10	0.007	0.048	0.004	0.002	0.002	0.002	0.015	-	-	0.006	0.002	0.004	0.009	81
ES0008R	benzo_a_pyrene	pm10	0.013	0.094	0.083	0.024	0.000	0.090	0.007	-	-	0.007	0.002	0.008	0.0321	81
ES0008R	benzo_ghi_perylene	pm10	0.013	0.064	0.050	0.025	0.654	0.213	0.017	-	-	0.012	0.002	0.019	0.108	81
ES0008R	benzo_k_fluoranthene	pm10	0.019	0.090	0.107	0.033	0.638	0.391	0.016	-	-	0.014	0.005	0.021	0.134	81
ES0008R	chrysene	pm10	0.027	0.086	0.013	0.010	0.020	0.008	0.000	-	-	0.016	0.004	0.011	0.019	81
ES0008R	dibenzo_ah_anthracene	pm10	0.002	0.013	0.011	0.006	0.000	0.000	0.005	-	-	0.005	0.002	0.004	0.005	81
ES0008R	fluoranthene	pm10	0.015	0.034	0.009	0.011	0.029	0.008	0.011	-	-	0.026	0.003	0.012	0.016	81
ES0008R	fluorene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	0.000	0.000	0.000	0.000	81
ES0008R	inden_123cd_pyrene	pm10	0.020	0.094	0.073	0.037	0.885	0.211	0.024	-	-	0.016	0.004	0.028	0.140	81
ES0008R	naphthalene	pm10	0.000	0.009	0.000	0.000	0.000	0.000	0.028	-	-	0.000	0.000	0.000	0.004	81
ES0008R	phenanthrene	pm10	0.004	0.025	0.013	0.006	0.007	0.004	0.005	-	-	0.130	0.016	0.018	0.023	81
ES0008R	pyrene	pm10	0.010	0.031	0.003	0.007	0.013	0.003	0.010	-	-	0.010	0.003	0.008	0.010	81
ES0012R	acenaphthene	pm10	0.009	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0012R	anthracene	pm10	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	97
ES0012R	benz_a_anthracene	pm10	0.002	0.002	0.002	0.002	0.000	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	97
ES0012R	benzo_a_pyrene	pm10	0.005	0.002	0.008	0.042	0.000	0.002	0.000	0.002	0.002	0.002	0.002	0.002	0.006	97
ES0012R	benzo_ghi_perylene	pm10	0.004	0.006	0.003	0.007	0.014	0.004	0.002	0.003	0.002	0.002	0.002	0.003	0.004	97
ES0012R	benzo_k_fluoranthene	pm10	0.007	0.008	0.005	0.007	0.026	0.019	0.002	0.002	0.000	0.002	0.002	0.004	0.007	97
ES0012R	chrysene	pm10	0.009	0.006	0.006	0.002	0.002	0.002	0.000	0.002	0.002	0.003	0.002	0.005	0.003	97
ES0012R	dibenzo_ah_anthracene	pm10	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.006	0.002	0.002	0.002	0.002	97
ES0012R	fluoranthene	pm10	0.007	0.005	0.003	0.003	0.003	0.003	0.003	0.000	0.003	0.000	0.003	0.003	0.003	97
ES0012R	inden_123cd_pyrene	pm10	0.006	0.007	0.004	0.010	0.000	0.004	0.002	0.002	0.002	0.002	0.002	0.005	0.004	97
ES0012R	naphthalene	pm10	0.000	0.000	0.009	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0012R	phenanthrene	pm10	0.004	0.004	0.005	0.004	0.000	0.004	0.000	0.000	0.000	0.012	0.004	0.004	0.003	97
ES0012R	pyrene	pm10	0.007	0.003	0.003	0.003	0.003	0.003	0.006	0.000	0.003	0.000	0.003	0.003	0.003	97

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
ES0014R	acenaphthene	pm10	0.009	0.000	0.000	0.000	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0014R	anthracene	pm10	0.005	0.000	0.006	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	97
ES0014R	benz_a_anthracene	pm10	0.005	0.002	0.002	0.002	0.000	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	97
ES0014R	benzo_a_pyrene	pm10	0.054	0.007	0.008	0.011	0.000	0.002	0.000	0.002	0.002	0.002	0.002	0.006	0.008	97
ES0014R	benzo_ghi_perylene	pm10	0.172	0.011	0.004	0.005	0.038	0.005	0.002	0.002	0.002	0.002	0.006	0.009	0.022	97
ES0014R	benzo_k_fluoranthene	pm10	0.326	0.011	0.007	0.006	0.032	0.015	0.002	0.002	0.000	0.002	0.010	0.009	0.036	97
ES0014R	chrysene	pm10	0.028	0.010	0.008	0.004	0.003	0.002	0.000	0.002	0.002	0.004	0.007	0.010	0.007	97
ES0014R	dibenzo_ah_anthracene	pm10	0.028	0.002	0.002	0.002	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.002	0.004	97
ES0014R	fluoranthene	pm10	0.015	0.003	0.003	0.003	0.003	0.003	0.003	0.000	0.003	0.000	0.003	0.006	0.004	97
ES0014R	fluorene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.001	97
ES0014R	inden_123cd_pyrene	pm10	0.332	0.015	0.007	0.008	0.032	0.002	0.002	0.002	0.002	0.002	0.008	0.012	0.036	97
ES0014R	naphthalene	pm10	0.000	0.000	0.009	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.002	97
ES0014R	phenanthrene	pm10	0.008	0.004	0.006	0.008	0.006	0.006	0.000	0.000	0.000	0.010	0.004	0.003	0.005	97
ES0014R	pyrene	pm10	0.012	0.003	0.003	0.003	0.003	0.003	0.003	0.000	0.003	0.000	0.003	0.006	0.004	97
FI0018R	anthracene	pm10	0.138	0.026	0.046	0.019	0.005	0.002	0.002	0.002	0.010	0.012	0.034	-	0.027	92
FI0018R	benz_a_anthracene	pm10	0.369	0.151	0.111	0.106	0.057	0.023	0.027	0.030	0.075	0.081	0.163	-	0.108	92
FI0018R	benzo_a_pyrene	pm10	0.372	0.161	0.141	0.131	0.030	0.029	0.029	0.029	0.088	0.098	0.205	-	0.119	92
FI0018R	benzo_bjk_fluoranthenes	pm10	0.852	0.470	0.272	0.279	0.142	0.067	0.074	0.112	0.201	0.213	0.491	-	0.287	92
FI0018R	benzo_ghi_perylene	pm10	0.370	0.190	0.116	0.128	0.070	0.019	0.040	0.049	0.091	0.102	0.227	-	0.127	92
FI0018R	chrysene	pm10	0.525	0.248	0.154	0.169	0.084	0.040	0.041	0.049	0.092	0.105	0.259	-	0.160	92
FI0018R	dibenzo_ac_ah_anthracenes	pm10	0.036	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.026	-	0.016	92
FI0018R	fluoranthene	pm10	1.404	0.737	0.439	0.368	0.163	0.068	0.070	0.075	0.158	0.218	0.602	-	0.389	92
FI0018R	inden_123cd_pyrene	pm10	0.276	0.155	0.100	0.098	0.052	0.026	0.032	0.042	0.079	0.092	0.196	-	0.104	92
FI0018R	phenanthrene	pm10	1.351	0.509	0.346	0.209	0.036	0.034	0.034	0.034	0.034	0.103	0.380	-	0.278	92
FI0018R	pyrene	pm10	1.302	0.530	0.355	0.333	0.157	0.070	0.077	0.083	0.177	0.218	0.551	-	0.350	92
FI0036R	alpha_endosulfan	air+aerosol	0.210	0.156	0.231	0.529	0.520	0.632	0.557	0.710	0.523	0.153	0.310	0.146	0.392	99
FI0036R	alpha_HCH	air+aerosol	2.020	2.065	1.501	1.835	2.740	2.656	3.022	3.230	2.784	1.637	1.820	1.666	2.253	99
FI0036R	anthracene	air+aerosol	0.005	0.004	0.003	0.002	0.001	0.003	0.002	0.002	0.003	0.004	0.004	0.007	0.003	99
FI0036R	anthracene	pm10	0.008	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	92
FI0036R	BDE_100	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.029	0.020	0.020	0.021	99
FI0036R	BDE_153	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.039	0.030	0.030	0.031	99
FI0036R	BDE_154	air+aerosol	0.040	0.040	0.040	0.040	0.040	0.040	0.030	0.030	0.030	0.039	0.030	0.030	0.036	99
FI0036R	BDE_47	air+aerosol	0.020	0.020	0.020	0.041	0.020	0.038	0.057	0.038	0.021	0.029	0.020	0.020	0.029	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
FI0036R	BDE_85	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.039	0.030	0.030	0.031	99
FI0036R	BDE_99	air+aerosol	0.030	0.030	0.030	0.035	0.030	0.030	0.020	0.020	0.020	0.029	0.020	0.020	0.026	99
FI0036R	benz_a_anthracene	air+aerosol	0.016	0.011	0.004	0.004	0.002	0.002	0.003	0.003	0.004	0.003	0.004	0.007	0.005	99
FI0036R	benz_a_anthracene	pm10	0.049	0.024	0.007	0.005	0.002	0.002	0.002	0.002	0.002	0.005	0.010	0.010	0.010	92
FI0036R	benzo_a_pyrene	air+aerosol	0.019	0.013	0.004	0.006	0.001	0.001	0.001	0.002	0.003	0.002	0.003	0.004	0.005	99
FI0036R	benzo_a_pyrene	pm10	0.055	0.030	0.008	0.024	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.016	92
FI0036R	benzo_b_fluoranthene	air+aerosol	0.034	0.024	0.009	0.010	0.002	0.003	0.003	0.005	0.005	0.006	0.008	0.012	0.010	99
FI0036R	benzo_bjk_fluoranthenes	pm10	0.157	0.070	0.019	0.013	0.002	0.005	0.005	0.030	0.051	0.015	0.020	0.020	0.035	92
FI0036R	benzo_ghi_perylene	air+aerosol	0.019	0.012	0.005	0.004	0.001	0.001	0.001	0.003	0.003	0.003	0.005	0.006	0.005	99
FI0036R	benzo_k_fluoranthene	air+aerosol	0.014	0.010	0.004	0.004	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.005	0.004	99
FI0036R	beta_endosulfan	air+aerosol	0.040	0.052	0.041	0.047	0.039	0.040	0.051	0.038	0.040	0.047	0.030	0.030	0.041	99
FI0036R	chrysene	air+aerosol	0.035	0.025	0.012	0.013	-	-	0.004	0.006	0.010	0.011	0.012	0.012	0.014	74
FI0036R	chrysene	pm10	0.099	0.048	0.015	0.013	0.003	0.007	0.003	0.009	0.007	0.008	0.014	-	0.020	92
FI0036R	dibenzo_ah_anthracene	air+aerosol	0.005	0.003	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.001	99
FI0036R	fluoranthene	air+aerosol	0.133	0.113	0.058	0.047	0.022	0.025	0.028	0.029	0.031	0.051	0.068	0.104	0.058	99
FI0036R	fluoranthene	pm10	0.231	0.130	0.041	0.028	0.013	0.013	0.013	0.013	0.013	0.013	0.039	-	0.049	92
FI0036R	FTS_6-2	air+aerosol	0.118	0.057	0.050	0.050	0.050	0.050	0.052	0.073	0.400	0.166	0.439	0.584	0.172	99
FI0036R	gamma_HCH	air+aerosol	0.210	0.326	0.340	0.988	0.820	0.932	1.146	1.480	0.996	0.399	0.390	0.361	0.704	99
FI0036R	HCB	air+aerosol	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	99
FI0036R	inden_123cd_pyrene	air+aerosol	0.024	0.016	0.006	0.007	0.001	0.002	0.001	0.003	0.003	0.004	0.006	0.008	0.007	99
FI0036R	inden_123cd_pyrene	pm10	0.048	0.022	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	-	0.013	92
FI0036R	PCB_101	air+aerosol	0.151	0.182	0.171	0.287	0.262	0.337	0.550	0.414	0.293	0.147	0.152	0.173	0.261	99
FI0036R	PCB_118	air+aerosol	0.077	0.082	0.066	0.095	0.092	0.110	0.158	0.115	0.090	0.058	0.059	0.059	0.089	99
FI0036R	PCB_138	air+aerosol	0.066	0.048	0.050	0.105	0.083	0.094	0.121	0.140	0.096	0.059	0.056	0.049	0.081	99
FI0036R	PCB_153	air+aerosol	0.061	0.073	0.063	0.123	0.091	0.105	0.164	0.145	0.109	0.051	0.056	0.063	0.092	99
FI0036R	PCB_180	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.031	0.047	0.030	0.030	0.032	99
FI0036R	PCB_28	air+aerosol	0.399	0.423	0.433	0.539	0.428	0.520	0.750	0.634	0.435	0.266	0.423	0.482	0.478	99
FI0036R	PCB_52	air+aerosol	0.338	0.328	0.351	0.492	0.387	0.612	0.931	0.750	0.449	0.232	0.304	0.353	0.463	99
FI0036R	PFBA	air+aerosol	0.179	0.339	0.494	0.413	0.737	1.842	1.222	0.731	1.693	0.477	0.316	0.528	0.750	99
FI0036R	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	99
FI0036R	PFDcA	air+aerosol	0.119	0.099	0.154	0.064	0.050	0.095	0.052	0.067	0.150	0.054	0.050	0.062	0.085	99
FI0036R	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	99
FI0036R	PFHpA	air+aerosol	0.050	0.050	0.063	0.050	0.050	0.087	0.057	0.052	0.050	0.050	0.050	0.050	0.055	99
FI0036R	PFHxA	air+aerosol	0.093	0.130	0.152	0.111	0.099	0.153	0.175	0.187	0.210	0.108	0.153	0.169	0.145	99
FI0036R	PFHxS	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	99

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
FI0036R	PFNA	air+aerosol	0.050	0.050	0.052	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	99
FI0036R	PFOA	air+aerosol	0.149	0.187	0.217	0.124	0.105	0.161	0.114	0.169	0.150	0.080	0.076	0.148	0.140	99
FI0036R	PFOS	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	99
FI0036R	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	99
FI0036R	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	99
FI0036R	phenanthrene	air+aerosol	0.248	0.261	0.162	0.119	0.102	0.109	0.127	0.143	0.165	0.180	0.237	0.364	0.183	99
FI0036R	phenanthrene	pm10	0.133	0.070	0.021	0.020	0.026	0.008	0.008	0.008	0.008	0.008	0.008	-	0.029	92
FI0036R	pp_DDD	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.021	0.030	0.020	0.020	0.020	0.020	0.021	99
FI0036R	pp_DDE	air+aerosol	0.270	0.306	0.274	0.225	0.150	0.159	0.146	0.200	0.226	0.181	0.460	0.576	0.262	99
FI0036R	pp_DDT	air+aerosol	0.030	0.039	0.031	0.115	0.040	0.077	0.044	0.080	0.060	0.031	0.040	0.050	0.053	99
FI0036R	pyrene	air+aerosol	0.089	0.068	0.033	0.032	0.011	0.014	0.015	0.017	0.021	0.029	0.035	0.062	0.035	99
FI0036R	pyrene	pm10	0.206	0.100	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	-	0.063	92
FI0050R	anthracene	pm10	0.089	0.016	0.015	0.005	0.002	0.002	0.002	0.002	0.006	0.007	0.015	-	0.015	92
FI0050R	benz_a_anthracene	pm10	0.384	0.084	0.085	0.044	0.026	0.022	0.015	0.031	0.060	0.064	0.104	-	0.084	92
FI0050R	benzo_a_pyrene	pm10	0.440	0.098	0.122	0.073	0.030	0.029	0.029	0.029	0.078	0.087	0.137	-	0.105	92
FI0050R	benzo_bjk_fluoranthenes	pm10	0.992	0.226	0.211	0.121	0.070	0.053	0.039	0.090	0.156	0.165	0.271	-	0.219	92
FI0050R	benzo_ghi_perylene	pm10	0.424	0.095	0.097	0.057	0.038	0.018	0.018	0.041	0.073	0.089	0.138	-	0.099	92
FI0050R	chrysene	pm10	0.563	0.131	0.120	0.076	0.039	0.031	0.023	0.039	0.071	0.081	0.142	-	0.120	92
FI0050R	dibenzo_ac_ah_anthracenes	pm10	0.040	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	-	0.015	92
FI0050R	fluoranthene	pm10	1.430	0.418	0.329	0.188	0.091	0.054	0.040	0.058	0.123	0.172	0.329	-	0.294	92
FI0050R	inden_123cd_pyrene	pm10	0.313	0.077	0.077	0.047	0.028	0.024	0.019	0.035	0.063	0.077	0.115	-	0.080	92
FI0050R	phenanthrene	pm10	1.248	0.274	0.193	0.036	0.034	0.034	0.034	0.034	0.034	0.034	0.157	-	0.193	92
FI0050R	pyrene	pm10	1.285	0.310	0.284	0.161	0.090	0.059	0.043	0.067	0.151	0.177	0.332	-	0.270	92
FR0008R	benz_a_anthracene	pm10	0.073	0.047	0.021	0.036	0.010	0.004	0.005	0.003	0.014	0.004	0.014	0.055	0.024	17
FR0008R	benzo_a_pyrene	pm10	0.128	0.079	0.034	0.055	0.017	0.006	0.010	0.007	0.020	0.005	0.032	0.099	0.041	17
FR0008R	benzo_b_fluoranthene	pm10	0.199	0.123	0.049	0.090	0.029	0.010	0.014	0.013	0.031	0.008	0.045	0.132	0.062	17
FR0008R	benzo_k_fluoranthene	pm10	0.093	0.056	0.024	0.043	0.013	0.005	0.007	0.007	0.014	0.005	0.018	0.056	0.028	17
FR0008R	dibenzo_ah_anthracene	pm10	0.029	0.020	0.007	0.015	0.006	0.005	0.005	0.005	0.006	0.005	0.007	0.018	0.011	17
FR0008R	inden_123cd_pyrene	pm10	0.161	0.092	0.037	0.071	0.022	0.007	0.011	0.008	0.024	0.007	0.043	0.104	0.049	17
FR0009R	benz_a_anthracene	pm10	0.076	0.063	0.021	0.039	0.011	0.005	0.004	0.007	0.009	0.011	0.021	0.069	0.028	16
FR0009R	benzo_a_pyrene	pm10	0.120	0.109	0.034	0.063	0.020	0.007	0.005	0.013	0.015	0.022	0.046	0.124	0.048	16
FR0009R	benzo_b_fluoranthene	pm10	0.203	0.183	0.054	0.096	0.037	0.020	0.013	0.024	0.028	0.043	0.080	0.188	0.080	16
FR0009R	benzo_k_fluoranthene	pm10	0.087	0.075	0.027	0.045	0.015	0.010	0.007	0.009	0.012	0.015	0.031	0.074	0.034	16
FR0009R	dibenzo_ah_anthracene	pm10	0.031	0.028	0.008	0.014	0.005	0.005	0.005	0.005	0.005	0.007	0.012	0.027	0.013	16

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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FR0009R	inden_123cd_pyrene	pm10	0.142	0.131	0.039	0.066	0.027	0.012	0.007	0.014	0.019	0.033	0.063	0.135	0.057	16
FR0013R	benz_a_anthracene	pm10	0.036	0.015	0.006	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.007	0.015	0.008	16
FR0013R	benzo_a_pyrene	pm10	0.090	0.032	0.013	0.005	0.005	0.005	0.005	0.005	0.005	0.010	0.025	0.044	0.021	16
FR0013R	benzo_b_fluoranthene	pm10	0.177	0.059	0.028	0.016	0.005	0.005	0.005	0.005	0.008	0.016	0.043	0.082	0.038	16
FR0013R	benzo_k_fluoranthene	pm10	0.075	0.025	0.011	0.009	0.005	0.005	0.005	0.005	0.005	0.008	0.017	0.029	0.017	16
FR0013R	dibenzo_ah_anthracene	pm10	0.028	0.012	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009	0.015	0.009	16
FR0013R	inden_123cd_pyrene	pm10	0.127	0.047	0.022	0.010	0.005	0.005	0.005	0.005	0.008	0.017	0.042	0.066	0.030	16
FR0023R	benz_a_anthracene	pm10	0.035	0.032	0.019	0.031	0.007	0.003	0.003	0.003	0.016	0.017	0.043	0.108	0.027	17
FR0023R	benzo_a_pyrene	pm10	0.063	0.061	0.036	0.054	0.015	0.005	0.005	0.007	0.028	0.049	0.104	0.187	0.052	17
FR0023R	benzo_b_fluoranthene	pm10	0.126	0.114	0.072	0.109	0.032	0.005	0.005	0.015	0.029	0.061	0.216	0.255	0.088	17
FR0023R	benzo_k_fluoranthene	pm10	0.051	0.049	0.032	0.043	0.014	0.005	0.005	0.007	0.017	0.026	0.093	0.105	0.038	17
FR0023R	dibenzo_ah_anthracene	pm10	0.022	0.018	0.010	0.016	0.006	0.005	0.005	0.005	0.008	0.010	0.028	0.035	0.014	17
FR0023R	inden_123cd_pyrene	pm10	0.094	0.083	0.051	0.072	0.025	0.005	0.005	0.007	0.034	0.061	0.166	0.193	0.067	17
FR0024R	benz_a_anthracene	pm10	0.185	0.052	0.027	0.019	0.009	0.003	0.003	0.003	0.003	0.011	0.065	-	0.035	15
FR0024R	benzo_a_pyrene	pm10	0.329	0.111	0.066	0.044	0.019	0.005	0.005	0.005	0.006	0.027	0.107	-	0.066	15
FR0024R	benzo_b_fluoranthene	pm10	0.423	0.196	0.117	0.088	0.028	0.009	0.014	0.005	0.012	0.039	0.161	-	0.100	15
FR0024R	benzo_k_fluoranthene	pm10	0.204	0.084	0.051	0.035	0.013	0.005	0.005	0.005	0.005	0.014	0.070	-	0.045	15
FR0024R	dibenzo_ah_anthracene	pm10	0.066	0.031	0.020	0.013	0.006	0.005	0.005	0.005	0.005	0.008	0.026	-	0.017	15
FR0024R	inden_123cd_pyrene	pm10	0.336	0.152	0.101	0.065	0.026	0.005	0.010	0.005	0.009	0.040	0.139	-	0.082	15
FR0025R	benz_a_anthracene	pm10	0.227	0.045	0.139	0.013	0.010	0.003	0.003	0.003	0.004	0.005	0.017	0.045	0.045	16
FR0025R	benzo_a_pyrene	pm10	0.305	0.102	0.210	0.028	0.020	0.007	0.005	0.005	0.007	0.018	0.048	0.099	0.074	16
FR0025R	benzo_b_fluoranthene	pm10	0.491	0.186	0.278	0.049	0.043	0.011	0.011	0.005	0.019	0.030	0.077	0.232	0.122	16
FR0025R	benzo_k_fluoranthene	pm10	0.217	0.076	0.133	0.021	0.017	0.006	0.005	0.005	0.008	0.010	0.033	0.078	0.052	16
FR0025R	dibenzo_ah_anthracene	pm10	0.079	0.026	0.050	0.009	0.009	0.005	0.005	0.005	0.005	0.007	0.012	0.034	0.021	16
FR0025R	inden_123cd_pyrene	pm10	0.362	0.130	0.238	0.037	0.043	0.012	0.007	0.005	0.012	0.033	0.066	0.157	0.094	16
GB0014R	anthanthrene	aerosol	0.007	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB0014R	benz_a_anthracene	aerosol	0.099	0.061	0.005	0.022	0.005	0.004	0.003	0.008	0.004	0.024	0.034	0.053	0.027	100
GB0014R	benzo_a_pyrene	aerosol	0.140	0.087	0.026	0.028	0.008	0.007	0.007	0.016	0.007	0.032	0.046	0.078	0.040	100
GB0014R	benzo_b_fluoranthene	aerosol	0.210	0.220	0.065	0.070	0.017	0.014	0.009	0.022	0.016	0.067	0.110	0.160	0.081	100
GB0014R	benzo_e_pyrene	aerosol	0.160	0.075	0.053	0.029	0.017	0.011	0.008	0.019	0.020	0.071	0.120	0.170	0.063	100
GB0014R	benzo_ghi_perylene	aerosol	0.180	0.110	0.051	0.040	0.020	0.016	0.010	0.023	0.019	0.081	0.110	0.180	0.070	100

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GB0014R	benzo_k_fluoranthene	aerosol	0.007	0.043	0.005	0.005	0.007	0.006	0.005	0.011	0.007	0.029	0.045	0.069	0.020	100
GB0014R	chrysene	aerosol	0.200	0.120	0.028	0.040	0.012	0.008	0.006	0.015	0.009	0.051	0.070	0.110	0.056	100
GB0014R	coronene	aerosol	0.069	0.026	0.021	0.005	-	-	-	-	-	-	-	-	-	-
GB0014R	cyclopenta_cd_pyrene	aerosol	0.054	0.005	0.005	0.005	0.002	0.001	0.001	0.002	0.001	0.008	0.014	0.021	0.010	100
GB0014R	dibenzo_ah_anthracene	aerosol	0.007	0.005	0.005	0.005	0.003	0.002	0.001	0.003	0.002	0.011	0.017	0.036	0.008	100
GB0014R	dibenzo_ai_pyrene	aerosol	0.047	0.005	0.005	0.005	0.001	0.001	0.001	0.002	0.001	0.004	0.008	0.011	0.008	100
GB0014R	inden_123cd_pyrene	aerosol	0.130	0.081	0.030	0.029	0.012	0.011	0.006	0.015	0.012	0.049	0.075	0.100	0.046	100
GB0014R	perylene	aerosol	0.007	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB0048R	anthanthrene	pm10	0.005	0.007	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB0048R	benz_a_anthracene	pm10	0.018	0.007	0.005	0.005	0.003	0.002	0.002	0.001	0.004	0.007	0.036	0.014	0.009	100
GB0048R	benzo_a_pyrene	pm10	0.034	0.007	0.005	0.005	0.005	0.003	0.004	0.002	0.006	0.012	0.048	0.021	0.013	100
GB0048R	benzo_b_fluoranthene	pm10	0.086	0.007	0.005	0.029	0.013	0.009	0.006	0.007	0.015	0.033	0.100	0.045	0.030	100
GB0048R	benzo_e_pyrene	pm10	0.066	0.007	0.890	0.005	0.011	0.008	0.005	0.004	0.011	0.031	0.092	0.048	0.100	100
GB0048R	benzo_ghi_perylene	pm10	0.066	0.030	0.005	0.021	0.016	0.010	0.007	0.006	0.021	0.042	0.098	0.056	0.031	100
GB0048R	benzo_k_fluoranthene	pm10	0.023	0.007	0.005	0.005	0.005	0.005	0.003	0.003	0.007	0.014	0.046	0.021	0.012	100
GB0048R	chrysene	pm10	0.036	0.043	0.005	0.021	0.007	0.005	0.004	0.003	0.008	0.017	0.068	0.027	0.020	100
GB0048R	coronene	pm10	0.022	0.007	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB0048R	cyclopenta_cd_pyrene	pm10	0.005	0.007	0.005	0.005	0.001	0.001	0.000	0.000	0.001	0.003	0.014	0.006	0.004	100
GB0048R	dibenzo_ae_pyrene	pm10	0.005	0.007	0.005	0.005	0.002	0.002	0.001	0.001	0.003	0.006	0.016	0.009	0.005	100
GB0048R	dibenzo_ah_anthracene	pm10	0.005	0.007	0.005	0.005	0.002	0.001	0.001	0.001	0.003	0.006	0.016	0.009	0.005	100
GB0048R	dibenzo_ah_pyrene	pm10	0.005	0.007	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	100
GB0048R	dibenzo_ai_pyrene	pm10	0.005	0.007	0.005	0.005	0.001	0.000	0.000	0.000	0.001	0.002	0.007	0.003	0.003	100
GB0048R	inden_123cd_pyrene	pm10	0.049	0.007	0.005	0.005	0.010	0.007	0.005	0.004	0.013	0.027	0.066	0.035	0.019	100
GB0048R	perylene	pm10	0.005	0.007	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB1055R	anthanthrene	pm10	0.220	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	-
GB1055R	benz_a_anthracene	pm10	0.260	0.078	0.022	0.023	0.013	0.009	0.008	0.006	0.014	0.031	0.097	0.058	0.052	100
GB1055R	benzo_a_pyrene	pm10	0.310	0.120	0.036	0.051	0.024	0.017	0.017	0.016	0.023	0.052	0.150	0.077	0.074	100
GB1055R	benzo_b_fluoranthene	pm10	0.950	0.310	0.087	0.120	0.044	0.044	0.024	0.021	0.047	0.098	0.250	0.140	0.178	100
GB1055R	benzo_e_pyrene	pm10	0.420	0.092	0.280	0.048	0.032	0.042	0.020	0.022	0.038	0.090	0.210	0.140	0.120	100
GB1055R	benzo_ghi_perylene	pm10	0.240	0.180	0.054	0.079	0.044	0.042	0.024	0.020	0.046	0.093	0.220	0.130	0.097	100
GB1055R	benzo_k_fluoranthene	pm10	0.630	0.005	0.030	0.057	0.018	0.018	0.011	0.011	0.020	0.043	0.110	0.063	0.086	100
GB1055R	chrysene	pm10	0.440	0.150	0.056	0.055	0.027	0.021	0.015	0.014	0.028	0.056	0.160	0.100	0.093	100
GB1055R	coronene	pm10	0.082	0.043	0.020	0.025	-	-	-	-	-	-	-	-	-	-
GB1055R	cyclopenta_cd_pyrene	pm10	0.150	0.028	0.005	0.005	0.005	0.002	0.001	0.001	0.004	0.013	0.052	0.027	0.024	100

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GB1055R	dibenzo_ae_pyrene	pm10	0.034	0.005	0.018	0.005	0.005	0.006	0.002	0.003	0.008	0.013	0.033	0.020	0.013	100
GB1055R	dibenzo_ah_anthracene	pm10	0.039	0.023	0.005	0.005	0.008	0.007	0.004	0.003	0.007	0.014	0.037	0.018	0.014	100
GB1055R	dibenzo_ah_pyrene	pm10	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.002	0.002	100
GB1055R	dibenzo_ai_pyrene	pm10	0.091	0.028	0.025	0.005	0.002	0.002	0.002	0.002	0.002	0.006	0.016	0.009	0.016	100
GB1055R	inden_123cd_pyrene	pm10	0.190	0.150	0.041	0.062	0.032	0.026	0.016	0.014	0.033	0.068	0.160	0.093	0.073	100
GB1055R	perylene	pm10	0.260	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	-
HR0002R	benz_a_anthracene	aerosol	0.277	0.215	0.091	0.123	0.031	0.014	0.010	0.017	0.052	0.034	0.077	0.135	0.088	97
HR0002R	benzo_a_pyrene	aerosol	0.171	0.167	0.089	0.096	0.030	0.016	0.019	0.021	0.036	0.047	0.088	0.067	0.069	97
HR0002R	benzo_bjk_fluoranthenes	aerosol	0.391	0.372	0.178	0.184	0.046	0.031	0.025	0.040	0.071	0.075	0.142	0.220	0.145	97
HR0002R	benzo_ghi_perylene	aerosol	0.186	0.169	0.090	0.089	0.027	0.014	0.011	0.016	0.024	0.028	0.069	0.097	0.067	97
HR0002R	chrysene	aerosol	0.328	0.305	0.150	0.163	0.045	0.036	0.021	0.034	0.060	0.059	0.107	0.184	0.122	97
HR0002R	inden_123cd_pyrene	aerosol	0.347	0.303	0.168	0.176	0.046	0.018	0.011	0.024	0.041	0.049	0.118	0.191	0.122	97
IS0091R	BDE_100	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	BDE_47	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.590	0.510	-	-	-	-
IS0091R	BDE_99	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	HCB	air+aerosol	-	-	-	1.145	1.000	-	-	2.410	3.588	2.780	-	-	-	-
IS0091R	PCB_101	air+aerosol	-	-	-	0.273	0.290	-	-	0.665	0.624	0.750	-	-	-	-
IS0091R	PCB_105	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_118	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_138	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_153	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_156	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_180	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	PCB_28	air+aerosol	-	-	-	0.390	0.440	-	-	0.790	1.144	1.890	-	-	-	-
IS0091R	PCB_31	air+aerosol	-	-	-	0.410	0.460	-	-	0.750	1.194	2.010	-	-	-	-
IS0091R	PCB_52	air+aerosol	-	-	-	0.493	0.560	-	-	0.740	0.582	0.950	-	-	-	-
IS0091R	alpha_HCH	air+aerosol	-	-	-	0.507	0.490	-	-	1.480	1.276	0.490	-	-	-	-
IS0091R	beta_HCH	air+aerosol	-	-	-	0.354	0.410	-	-	0.700	0.542	0.220	-	-	-	-
IS0091R	cis_CD	air+aerosol	-	-	-	0.256	0.250	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	dieldrin	air+aerosol	-	-	-	0.701	0.740	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	gamma_HCH	air+aerosol	-	-	-	0.4	0.5	-	-	0.7	0.5	0.2	-	-	-	-
IS0091R	op_DDT	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	pp_DDD	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	pp_DDE	air+aerosol	-	-	-	0.122	0.150	-	-	0.135	0.203	0.220	-	-	-	-

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
															Annual	Capture
IS0091R	pp_DDT	air+aerosol	-	-	-	0.126	0.220	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	trans_CD	air+aerosol	-	-	-	0.057	0.065	-	-	0.135	0.203	0.220	-	-	-	-
IS0091R	trans_NO	air+aerosol	-	-	-	0.219	0.230	-	-	0.135	0.203	0.220	-	-	-	-
LV0010R	benz_a_anthracene	pm10	0.492	0.436	0.217	0.105	0.050	0.023	0.034	0.022	0.060	0.104	0.332	0.577	0.214	46
LV0010R	benzo_a_pyrene	pm10	0.476	0.374	0.211	0.112	0.049	0.007	0.022	0.010	0.050	0.081	0.291	0.516	0.192	46
LV0010R	benzo_b_fluoranthene	pm10	0.581	0.585	0.297	0.141	0.061	0.012	0.039	0.031	0.081	0.126	0.412	0.548	0.251	46
LV0010R	benzo_k_fluoranthene	pm10	0.314	0.310	0.164	0.077	0.029	0.006	0.017	0.014	0.045	0.069	0.235	0.320	0.138	46
LV0010R	dibenzo_ah_anthracene	pm10	0.08	0.07	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.07	0.031	46
LV0010R	inden_123cd_pyrene	pm10	0.599	0.532	0.276	0.160	0.063	0.012	0.034	0.025	0.085	0.133	0.333	0.700	0.257	46
NL0091R	benz_a_anthracene	pm10	0.058	0.073	0.011	0.060	0.006	0.008	0.006	0.009	0.009	0.015	0.066	0.083	0.034	50
NL0091R	benzo_a_pyrene	pm10	0.090	0.126	0.013	0.111	0.009	0.013	0.011	0.016	0.014	0.026	0.112	0.133	0.056	50
NL0091R	benzo_bjk_fluoranthenes	pm10	0.37	0.51	0.09	0.35	0.05	0.05	0.04	0.06	0.07	0.13	0.43	0.51	0.222	50
NL0091R	benzo_ghi_perylene	pm10	0.160	0.206	0.037	0.155	0.017	0.021	0.018	0.025	0.033	0.060	0.186	0.202	0.094	50
NL0091R	chrysene	pm10	0.115	0.158	0.024	0.107	0.014	0.018	0.012	0.020	0.018	0.031	0.120	0.164	0.067	50
NL0091R	dibenzo_ah_anthracene	pm10	0.025	0.033	0.007	0.021	0.003	0.005	0.004	0.006	0.006	0.009	0.029	0.032	0.015	50
NL0091R	indeno_123cd_perylene	pm10	0.158	0.201	0.039	0.163	0.018	0.021	0.017	0.025	0.033	0.059	0.190	0.202	0.094	50
NO0002R	FTS_6-2	air+aerosol	0.339	0.080	0.057	0.083	0.040	0.066	0.040	0.042	0.017	0.040	0.046	0.050	0.076	51
NO0002R	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	51
NO0002R	PFHpA	air+aerosol	0.050	0.128	0.117	0.050	0.113	0.198	0.147	0.154	0.050	0.055	0.050	0.050	0.099	51
NO0002R	PFHxA	air+aerosol	0.050	0.074	0.050	-	0.148	0.290	0.244	0.208	0.084	0.076	0.050	0.061	0.124	46
NO0002R	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	51
NO0002R	PFNA	air+aerosol	0.070	0.088	0.125	0.070	0.122	0.133	0.123	0.139	0.070	0.070	0.070	0.070	0.097	51
NO0002R	PFOA	air+aerosol	0.050	0.130	0.137	0.123	0.157	0.242	0.232	0.280	0.082	0.071	0.069	0.114	0.142	51
NO0002R	a_HBCD	air+aerosol	0.124	0.124	0.125	0.126	0.126	0.127	0.128	0.125	0.126	0.016	0.053	0.012	0.099	48
NO0002R	b_HBCD	air+aerosol	0.045	0.045	0.046	0.046	0.090	0.046	0.046	0.046	0.046	0.001	0.011	0.005	0.039	48
NO0002R	g_HBCD	air+aerosol	0.149	0.149	0.151	0.152	0.575	0.153	0.154	0.151	0.151	0.001	0.009	0.002	0.150	48
NO0002R	1-methylnaphthalene	air+aerosol	0.081	0.059	0.067	0.046	0.023	0.016	0.014	0.012	0.018	0.508	0.185	0.083	0.111	15
NO0002R	1-methylphe-threne	air+aerosol	0.038	0.062	0.035	0.049	0.040	0.026	0.018	0.016	0.018	0.037	0.054	0.050	0.037	14
NO0002R	2-methylanthracene	air+aerosol	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.002	0.002	0.005	0.002	0.002	0.002	9
NO0002R	2-methylnaphthalene	air+aerosol	0.091	0.065	0.088	0.061	0.035	0.022	0.022	0.017	0.024	0.683	0.228	0.082	0.144	15
NO0002R	2-methylphe-threne	air+aerosol	0.038	0.062	0.061	0.054	0.050	0.047	0.033	0.035	0.024	0.049	0.078	0.070	0.050	15
NO0002R	3-methylphe-threne	air+aerosol	0.033	0.051	0.053	0.044	0.044	0.040	0.030	0.031	0.022	0.045	0.068	0.063	0.044	15
NO0002R	9-methylphe-threne	air+aerosol	0.012	0.019	0.015	0.020	0.017	0.015	0.012	0.012	0.009	0.017	0.021	0.022	0.016	15

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NO0002R	BDE_100	air+aerosol	0.003	0.011	0.006	0.006	0.005	0.006	0.003	0.005	0.004	0.003	0.002	0.003	0.005	53
NO0002R	BDE_119	air+aerosol	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	53
NO0002R	BDE_138	air+aerosol	0.003	0.010	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.009	0.002	0.003	0.004	53
NO0002R	BDE_153	air+aerosol	0.004	0.016	0.007	0.006	0.002	-	0.003	0.003	0.004	0.002	0.002	0.007	0.005	48
NO0002R	BDE_154	air+aerosol	0.003	0.013	0.006	0.008	0.003	0.004	0.002	0.003	-	0.006	0.002	0.007	0.005	48
NO0002R	BDE_183	air+aerosol	0.008	0.057	0.004	0.018	0.030	0.025	0.204	0.012	0.011	0.021	0.003	0.024	0.034	53
NO0002R	BDE_196	air+aerosol	0.007	0.049	0.018	-	0.011	0.012	0.013	0.010	0.012	0.031	0.003	0.034	0.018	48
NO0002R	BDE_206	air+aerosol	0.106	0.135	0.169	0.079	0.079	0.282	3.740	0.083	0.079	0.079	0.077	0.103	0.417	53
NO0002R	BDE_28	air+aerosol	0.004	0.009	0.007	0.007	0.010	0.009	0.005	0.008	0.006	0.006	0.003	0.004	0.006	53
NO0002R	BDE_47	air+aerosol	0.025	0.048	0.046	0.035	0.060	0.062	0.028	0.049	0.034	0.030	0.024	0.022	0.038	53
NO0002R	BDE_49	air+aerosol	0.003	0.012	0.007	0.008	0.007	0.008	0.005	0.008	-	-	0.002	0.004	0.006	44
NO0002R	BDE_66	air+aerosol	0.034	0.007	0.004	0.006	0.004	0.005	0.003	0.004	0.003	0.002	0.002	0.002	0.007	53
NO0002R	BDE_71	air+aerosol	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	53
NO0002R	BDE_77	air+aerosol	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	53
NO0002R	BDE_85	air+aerosol	0.001	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	53
NO0002R	BDE_99	air+aerosol	0.011	0.039	0.016	0.021	0.015	0.017	0.009	0.015	0.015	0.012	0.010	0.012	0.016	53
NO0002R	HCB	air+aerosol	57.4	49.7	45.1	42.9	42.2	30.5	26.9	24.5	32.6	43.3	52.7	44.5	40.9	14
NO0002R	PCB_101	air+aerosol	0.205	0.450	0.222	0.679	0.446	0.613	0.814	0.554	0.423	0.356	0.411	0.443	0.466	14
NO0002R	PCB_105	air+aerosol	0.018	0.028	0.016	0.065	0.031	0.041	0.056	0.046	0.028	0.024	0.029	0.033	0.034	14
NO0002R	PCB_114	air+aerosol	0.003	0.003	0.003	0.007	0.005	0.003	0.005	0.004	0.004	0.003	0.004	0.004	0.004	14
NO0002R	PCB_118	air+aerosol	0.057	0.108	0.054	0.213	0.113	0.151	0.201	0.157	0.102	0.083	0.105	0.114	0.121	14
NO0002R	PCB_122	air+aerosol	0.002	0.004	0.002	0.004	0.004	0.004	0.009	0.004	0.005	0.004	0.004	0.005	0.004	13
NO0002R	PCB_123	air+aerosol	0.002	0.003	0.003	0.004	0.005	0.009	0.005	0.006	0.004	0.003	0.004	0.007	0.005	13
NO0002R	PCB_128	air+aerosol	0.013	0.018	0.009	0.036	0.018	0.028	0.044	0.029	0.019	0.017	0.016	0.019	0.022	13
NO0002R	PCB_138	air+aerosol	0.078	0.146	0.069	0.247	0.167	0.232	0.327	0.222	0.153	0.106	0.134	0.161	0.170	14
NO0002R	PCB_141	air+aerosol	0.020	0.035	0.017	0.064	0.049	0.071	0.130	0.063	0.044	0.031	0.034	0.042	0.048	14
NO0002R	PCB_149	air+aerosol	0.133	0.283	0.133	0.377	0.298	0.431	0.642	0.390	0.283	0.214	0.231	0.292	0.307	14
NO0002R	PCB_153	air+aerosol	0.146	0.278	0.133	0.411	0.288	0.433	0.586	0.416	0.250	0.179	0.218	0.271	0.301	14
NO0002R	PCB_156	air+aerosol	0.006	0.007	0.003	0.014	0.011	0.010	0.018	0.009	0.007	0.005	0.009	0.008	0.009	13
NO0002R	PCB_157	air+aerosol	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.001	0.002	0.002	0.002	0.002	0.002	14
NO0002R	PCB_167	air+aerosol	0.003	0.004	0.002	0.008	0.004	0.006	0.009	0.005	0.005	0.003	0.004	0.005	0.005	13
NO0002R	PCB_170	air+aerosol	0.011	0.015	0.007	0.023	0.016	0.022	0.034	0.019	0.017	0.009	0.016	0.016	0.017	13
NO0002R	PCB_18	air+aerosol	0.679	1.450	0.639	2.346	1.052	0.932	0.933	0.702	0.889	1.100	2.075	1.337	1.174	14
NO0002R	PCB_180	air+aerosol	0.033	0.048	0.019	0.070	0.049	0.068	0.104	0.062	0.051	0.029	0.044	0.050	0.052	14
NO0002R	PCB_183	air+aerosol	0.013	0.019	0.009	0.028	0.020	0.031	0.048	0.028	0.021	0.016	0.017	0.021	0.023	13
NO0002R	PCB_187	air+aerosol	0.032	0.059	0.030	0.068	0.057	0.089	0.129	0.079	0.063	0.049	0.043	0.067	0.063	14

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NO0002R	PCB_189	air+aerosol	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	14
NO0002R	PCB_194	air+aerosol	0.006	0.004	0.003	0.009	0.003	0.004	0.005	0.003	0.005	0.002	0.004	0.004	0.004	13
NO0002R	PCB_206	air+aerosol	0.005	0.003	0.003	0.004	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.004	0.004	14
NO0002R	PCB_209	air+aerosol	0.002	0.004	0.002	0.005	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	13
NO0002R	PCB_28	air+aerosol	0.385	0.746	0.367	1.547	0.653	0.660	0.748	0.615	0.484	0.499	1.004	0.808	0.710	14
NO0002R	PCB_31	air+aerosol	0.335	0.684	0.331	1.249	0.620	0.639	0.752	0.555	0.454	0.453	0.928	0.748	0.647	14
NO0002R	PCB_33	air+aerosol	0.188	0.372	0.177	0.689	0.332	0.344	0.401	0.314	0.254	0.255	0.518	0.422	0.356	14
NO0002R	PCB_37	air+aerosol	0.028	0.047	0.026	0.092	0.053	0.070	0.081	0.069	0.045	0.040	0.079	0.076	0.059	14
NO0002R	PCB_47	air+aerosol	0.276	0.458	0.303	0.793	0.590	0.954	1.402	0.939	0.623	0.442	0.523	0.614	0.660	14
NO0002R	PCB_52	air+aerosol	0.408	0.823	0.444	1.252	0.703	0.872	1.068	0.768	0.998	0.838	1.123	0.794	0.835	14
NO0002R	PCB_66	air+aerosol	0.075	0.133	0.079	0.287	0.176	0.211	0.276	0.206	0.147	0.130	0.185	0.193	0.175	14
NO0002R	PCB_74	air+aerosol	0.068	0.111	0.064	0.250	0.130	0.150	0.204	0.150	0.114	0.104	0.149	0.144	0.136	14
NO0002R	PCB_99	air+aerosol	0.074	0.158	0.081	0.249	0.146	0.186	0.231	0.182	0.140	0.126	0.148	0.157	0.156	14
NO0002R	TBA	air+aerosol	3.383	3.950	2.670	2.650	3.440	2.610	2.420	3.010	4.480	5.990	6.510	7.380	4.038	53
NO0002R	acenaphthene	air+aerosol	0.050	0.071	0.254	0.055	0.062	0.045	0.048	0.044	0.043	0.087	0.071	0.095	0.076	15
NO0002R	acenaphthylene	air+aerosol	0.028	0.598	0.049	0.049	0.092	0.007	0.004	0.003	0.004	0.010	0.024	0.040	0.038	14
NO0002R	alpha_HCH	air+aerosol	1.990	1.660	1.830	9.480	3.460	3.050	2.800	4.840	4.080	3.630	5.970	2.540	3.765	4
NO0002R	anthanthrene	air+aerosol	0.002	0.003	0.001	0.006	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.001	0.002	15
NO0002R	anthracene	air+aerosol	0.008	0.047	0.001	0.022	0.052	0.006	0.137	0.004	0.004	0.017	0.010	0.014	0.029	13
NO0002R	benz_a_anthracene	air+aerosol	0.013	0.017	0.010	0.026	0.008	0.003	0.002	0.003	0.003	0.012	0.014	0.011	0.010	15
NO0002R	benzo_a_fluoranthene	air+aerosol	0.004	0.004	0.001	0.006	0.002	0.002	0.001	0.001	0.001	0.003	0.004	0.001	0.003	15
NO0002R	benzo_a_fluorene	air+aerosol	0.010	0.013	0.008	0.014	0.009	0.005	0.002	0.004	0.003	0.010	0.012	0.011	0.009	15
NO0002R	benzo_a_pyrene	air+aerosol	0.015	0.017	0.004	0.035	0.014	0.004	0.002	0.005	0.004	0.010	0.015	0.003	0.011	15
NO0002R	benzo_b_fluoranthene	air+aerosol	0.050	0.043	0.053	0.078	0.074	0.024	0.015	0.026	0.012	0.049	0.035	0.037	0.042	15
NO0002R	benzo_b_fluorene	air+aerosol	0.004	0.007	0.004	0.007	0.005	0.003	0.001	0.002	0.002	0.006	0.006	0.008	0.005	15
NO0002R	benzo_e_pyrene	air+aerosol	0.030	0.029	0.035	0.050	0.046	0.015	0.010	0.015	0.007	0.027	0.023	0.023	0.026	15
NO0002R	benzo_ghi_fluoranthene	air+aerosol	-	-	0.001	-	-	-	0.001	0.001	-	-	-	-	-	-
NO0002R	benzo_ghi_perylene	air+aerosol	0.036	0.033	0.028	0.053	0.036	0.012	0.009	0.012	0.007	0.025	0.027	0.020	0.025	15
NO0002R	benzo_k_fluoranthene	air+aerosol	0.017	0.015	0.011	0.031	0.020	0.006	0.004	0.007	0.004	0.014	0.013	0.010	0.013	15
NO0002R	biphenyl	air+aerosol	0.249	0.232	0.163	0.168	0.055	0.028	0.028	0.022	0.042	1.455	0.534	0.216	0.320	15
NO0002R	chrysene	air+aerosol	0.047	0.049	0.055	0.117	0.049	0.032	0.013	0.024	0.011	0.037	0.038	0.039	0.043	15
NO0002R	coronene	air+aerosol	0.004	0.012	0.005	0.044	0.011	0.004	0.004	0.004	0.004	0.008	0.010	0.008	0.010	15
NO0002R	cyclopenta_cd_pyrene	air+aerosol	0.001	-	0.001	-	0.001	-	0.001	0.001	0.001	0.001	-	-	0.001	2
NO0002R	dibenzo_ae_pyrene	air+aerosol	0.005	0.005	0.005	0.012	0.008	0.005	0.005	0.005	0.003	0.005	0.005	0.004	0.006	15
NO0002R	dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.004	15

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NO0002R	dibenzo_ah_pyrene	air+aerosol	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.006	0.003	0.002	0.003	0.004	0.004	15
NO0002R	dibenzo_ai_pyrene	air+aerosol	0.003	0.003	0.003	0.006	0.003	0.005	0.006	0.005	0.003	0.002	0.003	0.004	0.004	15
NO0002R	dibenzofuran	air+aerosol	0.770	0.809	0.656	0.635	0.381	0.219	0.171	0.130	0.175	0.284	1.178	0.878	0.519	15
NO0002R	dibenzothiophene	air+aerosol	0.011	0.021	0.048	0.036	0.034	0.043	0.024	0.020	0.014	0.012	0.030	0.026	0.025	14
NO0002R	fluoranthene	air+aerosol	0.184	0.275	0.158	0.286	0.177	0.124	0.093	0.116	0.078	0.151	0.274	0.267	0.182	15
NO0002R	fluorene	air+aerosol	0.493	0.579	0.535	0.391	0.336	0.151	0.195	0.109	0.154	0.307	0.962	0.762	0.413	15
NO0002R	gamma_HCH	air+aerosol	1.080	1.130	1.760	4.750	1.610	2.060	5.760	3.270	1.030	1.370	2.940	2.420	2.348	4
NO0002R	inden_123cd_pyrene	air+aerosol	0.030	0.026	0.018	0.049	0.032	0.009	0.007	0.010	0.007	0.024	0.024	0.016	0.021	15
NO0002R	naphthalene	air+aerosol	0.227	0.136	0.115	0.078	0.045	0.031	0.031	0.031	0.038	1.186	0.513	0.228	0.266	15
NO0002R	op_DDD	air+aerosol	0.025	0.015	0.020	0.057	0.020	0.012	0.054	0.029	0.015	0.019	0.053	0.044	0.029	4
NO0002R	op_DDE	air+aerosol	0.104	0.057	0.066	0.216	0.046	0.021	0.093	0.034	0.020	0.037	0.449	0.214	0.107	4
NO0002R	op_DDT	air+aerosol	0.172	0.109	0.123	0.958	0.171	0.090	0.805	0.153	0.113	0.107	1.030	0.714	0.357	4
NO0002R	perylene	air+aerosol	0.003	0.004	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.002	15
NO0002R	phenanthrene	air+aerosol	0.620	1.054	0.717	0.787	0.787	0.583	0.583	0.537	0.400	0.624	1.157	1.024	0.735	15
NO0002R	pp_DDD	air+aerosol	0.040	0.009	0.009	0.048	0.009	0.009	0.039	-	0.011	0.009	0.045	0.051	0.024	3
NO0002R	pp_DDE	air+aerosol	1.220	0.851	1.080	2.960	0.600	0.299	1.590	0.671	0.320	0.611	10.900	5.430	2.082	4
NO0002R	pp_DDT	air+aerosol	0.303	0.099	0.128	0.969	0.223	0.126	0.967	0.216	0.150	0.125	0.898	0.707	0.387	4
NO0002R	pyrene	air+aerosol	0.097	0.157	0.004	0.154	0.097	0.056	0.036	0.038	0.042	0.098	0.133	0.133	0.095	14
NO0002R	retene	air+aerosol	0.035	0.069	0.030	0.043	0.027	0.021	0.018	0.052	0.033	0.069	0.065	0.051	0.044	15
NO0002R	sum_DDT	air+aerosol	1.86	1.14	1.43	5.21	1.07	0.56	3.55	1.11	0.63	0.91	13.37	7.16	2.99	4
NO0002R	sum_PCB	air+aerosol	5.03	9.80	4.85	17.10	9.22	11.32	14.70	10.38	8.96	8.39	12.76	10.72	10.23	14
NO0002R	sum_heptachlor_PCB	air+aerosol	0.11	0.19	0.08	0.28	0.20	0.29	0.47	0.27	0.22	0.15	0.16	0.20	0.22	14
NO0002R	sum_hexachlor_PCB	air+aerosol	0.56	1.18	0.51	1.68	1.16	1.77	2.63	1.60	1.17	0.90	0.99	1.20	1.27	14
NO0002R	sum_pentachlor_PCB	air+aerosol	0.56	1.18	0.61	2.06	1.23	1.69	2.34	1.66	1.25	1.07	1.03	1.13	1.31	14
NO0002R	sum_tetrachlor_PCB	air+aerosol	1.54	2.76	1.57	5.00	2.83	3.81	5.14	3.64	3.24	2.85	3.76	3.39	3.28	14
NO0002R	sum_trichlor_PCB	air+aerosol	2.24	4.47	2.08	8.07	3.79	3.76	4.11	3.20	3.07	3.42	6.80	4.80	4.15	14
NO0042G	BDE_100	air+aerosol	0.006	0.006	0.009	0.016	0.012	0.016	0.016	0.012	0.007	0.009	0.004	-	0.011	37
NO0042G	BDE_119	air+aerosol	0.001	0.001	0.007	0.004	0.001	0.001	0.005	0.008	0.003	0.003	0.004	-	0.003	37
NO0042G	BDE_138	air+aerosol	0.003	0.003	0.003	0.003	0.003	0.003	0.009	0.010	0.005	0.003	0.003	-	0.004	37
NO0042G	BDE_153	air+aerosol	0.004	0.004	0.004	0.004	0.003	0.003	0.012	0.012	0.006	0.004	0.003	-	0.006	34
NO0042G	BDE_154	air+aerosol	0.003	0.002	0.003	0.003	0.002	0.003	0.011	0.011	0.005	0.003	0.002	-	0.005	35
NO0042G	BDE_183	air+aerosol	0.006	0.004	0.004	0.003	0.003	0.003	0.010	0.012	0.006	0.004	0.003	-	0.006	34
NO0042G	BDE_196	air+aerosol	0.006	0.008	0.013	0.010	0.006	0.005	0.020	0.006	0.009	0.023	0.006	-	0.010	36
NO0042G	BDE_206	air+aerosol	0.422	0.389	1.187	1.083	0.155	0.106	0.329	0.104	0.237	1.792	0.342	-	0.484	37
NO0042G	BDE_209	air+aerosol	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NO0042G	BDE_28	air+aerosol	0.007	0.006	0.007	0.009	0.005	0.008	0.014	0.012	0.006	0.006	0.003	-	0.008	36
NO0042G	BDE_47	air+aerosol	0.090	0.077	0.126	0.193	0.123	0.189	0.149	0.104	0.075	0.163	0.065	-	0.125	37
NO0042G	BDE_49	air+aerosol	0.004	0.004	0.005	0.007	0.005	0.005	0.008	0.008	0.007	0.026	0.074	-	0.012	33
NO0042G	BDE_66	air+aerosol	0.003	0.003	0.003	0.004	0.003	0.004	0.006	0.007	0.008	0.025	0.049	-	0.010	33
NO0042G	BDE_71	air+aerosol	0.001	0.001	0.003	0.002	0.001	0.001	0.004	0.005	0.006	0.023	0.071	-	0.009	36
NO0042G	BDE_77	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.006	0.003	0.001	0.001	-	0.002	36
NO0042G	BDE_85	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.005	0.003	0.001	0.001	-	0.002	35
NO0042G	BDE_99	air+aerosol	0.015	0.015	0.026	0.041	0.035	0.052	0.048	0.026	0.017	0.018	0.012	-	0.029	36
NO0042G	FTS_6-2	air+aerosol	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	-	-	0.040	45
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	50
NO0042G	PFHpA	air+aerosol	0.050	0.050	0.087	0.132	0.126	0.097	0.261	0.050	0.050	0.050	0.112	-	0.095	50
NO0042G	PFHxA	air+aerosol	0.050	0.050	0.109	0.050	0.050	0.123	0.433	0.050	0.050	0.050	0.140	-	0.103	50
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	50
NO0042G	PFNA	air+aerosol	0.070	0.070	0.073	0.103	0.070	0.070	0.158	0.050	0.070	0.070	0.114	-	0.082	50
NO0042G	PFOA	air+aerosol	0.072	0.050	0.208	0.129	0.078	0.100	0.413	0.079	0.059	0.055	0.323	-	0.140	50
NO0042G	TBA	air+aerosol	2.94	3.42	2.40	3.47	4.31	12.58	19.78	25.65	12.25	8.09	8.62	-	9.77	37
NO0042G	a_HBCD	air+aerosol	-	0.011	1.140	0.131	0.084	0.027	0.027	0.056	0.197	0.031	0.049	0.043	0.121	19
NO0042G	b_HBCD	air+aerosol	0.009	0.003	0.223	0.024	0.016	0.004	0.009	0.008	0.033	0.004	0.007	0.004	0.021	20
NO0042G	g_HBCD	air+aerosol	0.012	0.015	0.131	0.020	0.014	0.015	0.010	0.015	0.026	0.021	0.015	0.013	0.021	20
NO0042G	1-methylnaphthalene	air+aerosol	0.172	0.102	0.043	0.019	0.018	0.021	0.018	0.009	0.017	0.044	0.053	0.164	0.057	28
NO0042G	1-methylphe-threne	air+aerosol	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.002	27
NO0042G	2-methylanthracene	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	16
NO0042G	2-methylnaphthalene	air+aerosol	0.212	0.128	0.051	0.029	0.022	0.036	0.032	0.016	0.027	0.062	0.065	0.177	0.073	27
NO0042G	2-methylphe-threne	air+aerosol	0.007	0.003	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.002	0.003	0.003	28
NO0042G	3-methylphe-threne	air+aerosol	0.005	0.002	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	0.002	27
NO0042G	9-methylphe-threne	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	28
NO0042G	acenaphthene	air+aerosol	0.010	0.004	0.003	0.002	0.005	0.005	0.007	0.004	0.003	0.004	0.005	0.008	0.005	28
NO0042G	acenaphthylene	air+aerosol	0.001	0.001	0.001	0.001	0.007	0.001	0.002	0.002	0.001	0.002	0.002	0.002	0.002	27
NO0042G	anthanthrene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28
NO0042G	anthracene	air+aerosol	0.001	0.001	0.001	0.001	0.002	0.001	0.004	0.003	0.003	0.001	0.001	0.001	0.002	27
NO0042G	benz_a_anthracene	air+aerosol	0.010	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	28
NO0042G	benzo_a_fluoranthene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28
NO0042G	benzo_a_fluorene	air+aerosol	0.005	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	28
NO0042G	benzo_a_pyrene	air+aerosol	0.010	0.005	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	28
NO0042G	benzo_b_fluoranthene	air+aerosol	0.024	0.012	0.004	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.008	0.005	28
NO0042G	benzo_b_fluorene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NO0042G	benzo_e_pyrene	air+aerosol	0.013	0.007	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.003	28
NO0042G	benzo_ghi_fluoranthene	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	20
NO0042G	benzo_ghi_perylene	air+aerosol	0.013	0.007	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.003	28
NO0042G	benzo_k_fluoranthene	air+aerosol	0.010	0.005	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.002	28
NO0042G	biphenyl	air+aerosol	0.855	0.813	0.581	0.084	0.015	0.012	0.016	0.034	0.045	0.150	0.268	0.576	0.279	27
NO0042G	chrysene	air+aerosol	0.023	0.011	0.004	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.006	0.005	28
NO0042G	coronene	air+aerosol	0.006	0.003	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.002	28
NO0042G	cyclopenta_cd_pyrene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	23
NO0042G	dibenzo_ae_pyrene	air+aerosol	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	28
NO0042G	dibenzo_ah_anthracene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28
NO0042G	dibenzo_ah_pyrene	air+aerosol	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.003	0.003	0.003	0.002	28
NO0042G	dibenzo_ai_pyrene	air+aerosol	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.003	0.003	0.003	0.002	28
NO0042G	dibenzofuran	air+aerosol	1.049	0.960	0.625	0.179	0.031	0.016	0.020	0.055	0.094	0.198	0.357	0.702	0.345	28
NO0042G	dibenzothiophene	air+aerosol	0.009	0.007	0.004	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.004	0.005	0.003	28
NO0042G	fluoranthene	air+aerosol	0.087	0.042	0.012	0.003	0.003	0.003	0.002	0.002	0.004	0.005	0.006	0.030	0.017	28
NO0042G	fluorene	air+aerosol	0.538	0.368	0.142	0.020	0.009	0.010	0.012	0.014	0.023	0.068	0.135	0.351	0.139	28
NO0042G	inden_123cd_pyrene	air+aerosol	0.014	0.006	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.003	28
NO0042G	naphthalene	air+aerosol	0.766	0.727	0.300	0.080	0.065	0.090	0.090	0.048	0.094	0.182	0.251	0.682	0.273	28
NO0042G	perylene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28
NO0042G	phenanthrene	air+aerosol	0.142	0.073	0.023	0.008	0.006	0.012	0.014	0.012	0.012	0.015	0.015	0.055	0.032	28
NO0042G	pyrene	air+aerosol	0.020	0.020	0.006	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.013	0.006	27
NO0042G	retene	air+aerosol	0.005	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.001	0.002	0.001	0.002	0.002	28
NO0042G	HCB	air+aerosol	61.20	57.29	48.65	63.40	69.07	66.45	63.84	74.66	65.80	63.47	65.01	58.42	63.39	29
NO0042G	PCB_101	air+aerosol	0.290	0.299	0.269	0.279	0.148	0.144	0.226	0.173	0.205	0.096	0.227	0.211	0.213	28
NO0042G	PCB_105	air+aerosol	0.042	0.048	0.039	0.030	0.012	0.011	0.018	0.013	0.017	0.007	0.023	0.027	0.023	29
NO0042G	PCB_114	air+aerosol	0.004	0.003	0.004	0.003	0.002	0.001	0.003	0.002	0.003	0.002	0.004	0.002	0.003	28
NO0042G	PCB_118	air+aerosol	0.121	0.133	0.117	0.091	0.040	0.037	0.061	0.045	0.056	0.025	0.075	0.081	0.072	28
NO0042G	PCB_122	air+aerosol	0.003	0.002	0.004	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.004	0.002	0.002	27
NO0042G	PCB_123	air+aerosol	0.003	0.004	0.004	0.003	0.001	0.001	0.003	0.002	0.002	0.001	0.004	0.002	0.002	27
NO0042G	PCB_128	air+aerosol	0.019	0.022	0.007	0.015	0.005	0.004	0.007	0.005	0.007	0.004	0.009	0.008	0.009	27
NO0042G	PCB_138	air+aerosol	0.102	0.108	0.097	0.083	0.036	0.027	0.045	0.035	0.052	0.026	0.062	0.067	0.060	29
NO0042G	PCB_141	air+aerosol	0.021	0.024	0.021	0.019	0.008	0.007	0.012	0.009	0.014	0.008	0.015	0.008	0.013	28
NO0042G	PCB_149	air+aerosol	0.128	0.127	0.116	0.126	0.070	0.059	0.096	0.075	0.104	0.058	0.110	0.102	0.097	29
NO0042G	PCB_153	air+aerosol	0.125	0.170	0.146	0.141	0.057	0.040	0.068	0.053	0.074	0.043	0.095	0.094	0.090	29
NO0042G	PCB_156	air+aerosol	0.009	0.010	0.006	0.004	0.002	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.004	27
NO0042G	PCB_157	air+aerosol	0.002	0.002	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	28

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NO0042G	PCB_167	air+aerosol	0.003	0.003	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	29
NO0042G	PCB_170	air+aerosol	0.008	0.007	0.006	0.006	0.003	0.002	0.003	0.002	0.003	0.003	0.004	0.005	0.004	27
NO0042G	PCB_18	air+aerosol	1.519	1.100	1.175	1.070	0.451	0.430	0.844	0.677	0.616	0.705	0.839	0.949	0.855	29
NO0042G	PCB_180	air+aerosol	0.021	0.018	0.009	0.016	0.007	0.004	0.008	0.006	0.011	0.008	0.013	0.013	0.011	27
NO0042G	PCB_183	air+aerosol	0.008	0.008	0.008	0.009	0.003	0.002	0.004	0.004	0.007	0.003	0.006	0.005	0.006	27
NO0042G	PCB_187	air+aerosol	0.020	0.020	0.017	0.024	0.010	0.007	0.014	0.010	0.017	0.010	0.020	0.019	0.016	27
NO0042G	PCB_189	air+aerosol	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	29
NO0042G	PCB_194	air+aerosol	0.002	0.002	0.002	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	27
NO0042G	PCB_206	air+aerosol	0.002	0.002	0.005	0.005	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.002	29
NO0042G	PCB_209	air+aerosol	0.005	0.006	0.004	0.003	0.002	0.002	0.002	0.001	0.002	0.001	0.003	0.004	0.003	28
NO0042G	PCB_28	air+aerosol	0.887	0.778	0.711	0.809	0.596	0.881	1.243	0.967	0.712	0.624	0.660	0.627	0.808	29
NO0042G	PCB_31	air+aerosol	0.793	0.616	0.603	0.698	0.507	0.767	1.128	0.872	0.646	0.552	0.605	0.580	0.713	29
NO0042G	PCB_33	air+aerosol	0.535	0.413	0.400	0.478	0.389	0.635	0.889	0.683	0.471	0.330	0.411	0.388	0.518	29
NO0042G	PCB_37	air+aerosol	0.100	0.089	0.073	0.091	0.092	0.163	0.230	0.165	0.128	0.048	0.097	0.082	0.118	29
NO0042G	PCB_47	air+aerosol	0.278	0.251	0.212	0.254	0.157	0.201	0.286	0.234	0.204	0.083	0.228	0.210	0.220	29
NO0042G	PCB_52	air+aerosol	0.566	0.551	0.495	0.536	0.291	0.302	0.505	0.414	0.397	0.315	0.529	0.432	0.443	29
NO0042G	PCB_66	air+aerosol	0.151	0.151	0.133	0.144	0.095	0.127	0.180	0.139	0.134	0.051	0.152	0.130	0.134	29
NO0042G	PCB_74	air+aerosol	0.118	0.131	0.106	0.116	0.067	0.080	0.120	0.094	0.095	0.034	0.111	0.098	0.098	29
NO0042G	PCB_99	air+aerosol	0.125	0.132	0.127	0.116	0.051	0.043	0.072	0.057	0.071	0.031	0.091	0.094	0.083	28
NO0042G	alpha_HCH	air+aerosol	2.192	2.111	2.107	2.765	2.905	2.890	3.482	3.925	3.504	4.086	3.115	2.547	2.980	29
NO0042G	cis_CD	air+aerosol	0.228	0.190	0.256	0.292	0.235	0.220	0.244	0.224	0.303	0.288	0.322	0.304	0.259	29
NO0042G	cis_NO	air+aerosol	0.011	0.009	0.012	0.021	0.027	0.036	0.036	0.032	0.046	0.031	0.025	0.015	0.026	29
NO0042G	gamma_HCH	air+aerosol	0.325	0.389	0.386	0.532	0.335	0.240	0.545	0.347	0.523	0.520	0.440	0.388	0.415	29
NO0042G	op_DDD	air+aerosol	0.008	0.007	0.006	0.007	0.004	0.003	0.007	0.004	0.006	0.005	0.009	0.008	0.006	28
NO0042G	op_DDE	air+aerosol	0.063	0.070	0.060	0.039	0.009	0.005	0.012	0.008	0.012	0.025	0.032	0.065	0.032	29
NO0042G	op_DDT	air+aerosol	0.086	0.083	0.094	0.067	0.021	0.011	0.029	0.018	0.043	0.063	0.069	0.100	0.055	28
NO0042G	pp_DDD	air+aerosol	0.005	0.004	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.006	0.004	0.005	28
NO0042G	pp_DDE	air+aerosol	0.449	0.436	0.320	0.160	0.030	0.024	0.044	0.032	0.094	0.204	0.296	0.596	0.218	29
NO0042G	pp_DDT	air+aerosol	0.049	0.048	0.032	0.028	0.011	0.008	0.012	0.009	0.028	0.041	0.051	0.057	0.030	27
NO0042G	sum_DDT	air+aerosol	0.660	0.644	0.517	0.305	0.076	0.055	0.108	0.076	0.187	0.343	0.465	0.831	0.346	29
NO0042G	sum_PCB	air+aerosol	9.28	8.22	7.59	7.97	4.68	5.87	9.26	7.28	6.29	7.41	6.65	6.56	7.28	29
NO0042G	sum_heptachlor_PCB	air+aerosol	0.07	0.07	0.04	0.06	0.03	0.02	0.04	0.03	0.04	0.10	0.04	0.04	0.04	27
NO0042G	sum_hexachlor_PCB	air+aerosol	0.60	0.63	0.50	0.52	0.26	0.22	0.37	0.29	0.37	0.37	0.37	0.35	0.40	29
NO0042G	sum_pentachlor_PCB	air+aerosol	1.03	1.04	0.90	0.90	0.44	0.43	0.71	0.55	0.55	0.77	0.52	0.38	0.67	29
NO0042G	sum_tetrachlor_PCB	air+aerosol	2.35	2.26	1.97	2.13	1.29	1.49	2.39	1.90	1.78	2.28	2.02	1.94	1.98	29
NO0042G	sum_trichlor_PCB	air+aerosol	5.23	4.21	4.17	4.34	2.66	3.71	5.74	4.50	3.54	3.96	3.69	3.83	4.17	29

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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NO0042G	trans_CD	air+aerosol	0.12	0.10	0.14	0.13	0.05	0.04	0.04	0.04	0.05	0.07	0.13	0.14	0.08	29
NO0042G	trans_NO	air+aerosol	0.21	0.17	0.25	0.28	0.22	0.20	0.20	0.18	0.25	0.24	0.29	0.27	0.23	29
NO0090R	FTS_6-2	air+aerosol	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	49
NO0090R	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	49
NO0090R	PFHpA	air+aerosol	0.067	0.058	0.054	0.083	0.108	0.212	0.186	0.106	0.050	0.088	0.050	0.050	0.094	49
NO0090R	PFHxA	air+aerosol	0.050	0.050	0.050	0.050	0.122	0.211	0.187	0.050	0.050	0.071	0.050	0.050	0.084	49
NO0090R	PFHxS	air+aerosol	0.020	0.035	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.021	49
NO0090R	PFNA	air+aerosol	0.079	0.070	0.070	0.070	0.070	0.124	0.087	0.071	0.070	0.070	0.070	0.050	0.076	49
NO0090R	PFOA	air+aerosol	0.146	0.148	0.080	0.095	0.132	0.195	0.171	0.118	0.082	0.095	0.062	0.068	0.119	49
NO0090R	HCB	air+aerosol	41.9	36.8	44.2	39.9	40.0	18.9	14.8	17.4	29.4	30.2	24.9	36.1	30.3	7
PL0005R	benz_a_anthracene	pm10	1.775	1.039	0.477	0.137	0.043	0.007	0.008	0.008	0.026	0.239	0.539	1.111	0.449	86
PL0005R	benzo_a_pyrene	pm10	1.820	1.148	0.513	0.208	0.061	0.028	0.025	0.037	0.084	0.425	0.948	1.322	0.550	86
PL0005R	benzo_b_fluoranthene	pm10	2.283	1.631	0.723	0.304	0.103	0.038	0.047	0.051	0.140	0.547	1.075	1.568	0.706	86
PL0005R	benzo_k_fluoranthene	pm10	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.280	86
PL0005R	dibenzo_ah_anthracene	pm10	0.257	0.176	0.080	0.029	0.011	0.004	0.004	0.006	0.016	0.071	0.127	0.200	0.081	86
PL0005R	inden_123cd_pyrene	pm10	1.589	1.190	0.531	0.243	0.097	0.038	0.044	0.059	0.129	0.420	0.837	1.097	0.520	86
PL0009R	benz_a_anthracene	pm10	1.957	0.958	0.247	0.195	0.038	0.016	0.009	0.026	0.071	0.351	0.923	1.433	0.522	84
PL0009R	benzo_a_pyrene	pm10	1.709	0.921	0.259	0.229	0.051	0.020	0.015	0.045	0.119	0.462	1.158	1.565	0.547	84
PL0009R	benzo_b_fluoranthene	pm10	2.199	1.103	0.294	0.269	0.069	0.039	0.020	0.052	0.129	0.513	1.313	1.533	0.630	84
PL0009R	benzo_k_fluoranthene	pm10	1.102	0.553	0.154	0.134	0.055	0.019	0.010	0.027	0.063	0.277	0.615	0.905	0.327	84
PL0009R	dibenzo_ah_anthracene	pm10	0.093	0.046	0.010	0.008	0.003	0.003	0.003	0.004	0.006	0.026	0.057	0.043	0.025	84
PL0009R	inden_123cd_pyrene	pm10	2.000	0.852	0.230	0.194	0.044	0.039	0.019	0.050	0.118	0.441	0.990	1.502	0.542	84
SE0014R	1234678_HpCDD	air+aerosol	-	-	0.074	-	-	0.026	-	-	0.031	-	-	0.180	-	-
SE0014R	1234678_HpCDF	air+aerosol	-	-	0.027	-	-	0.024	-	-	0.023	-	-	0.071	-	-
SE0014R	1234789_HpCDF	air+aerosol	-	-	0.005	-	-	0.003	-	-	0.004	-	-	0.009	-	-
SE0014R	123478_HxCDD	air+aerosol	-	-	0.038	-	-	0.023	-	-	0.019	-	-	0.100	-	-
SE0014R	123478_HxCDF	air+aerosol	-	-	0.094	-	-	0.085	-	-	0.061	-	-	0.210	-	-
SE0014R	123678_HxCDD	air+aerosol	-	-	0.084	-	-	0.045	-	-	0.037	-	-	0.190	-	-
SE0014R	123678_HxCDF	air+aerosol	-	-	0.080	-	-	0.061	-	-	0.051	-	-	0.190	-	-
SE0014R	123789_HxCDD	air+aerosol	-	-	0.064	-	-	0.027	-	-	0.021	-	-	0.150	-	-
SE0014R	123789_HxCDF	air+aerosol	-	-	0.057	-	-	0.055	-	-	0.043	-	-	0.092	-	-
SE0014R	12378_PeCDD	air+aerosol	-	-	0.540	-	-	0.280	-	-	0.200	-	-	1.000	-	-
SE0014R	12378_PeCDF	air+aerosol	-	-	0.020	-	-	0.039	-	-	0.017	-	-	0.045	-	-

Site	Comp	Matrix	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2019	
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SE0014R	234678_HxCDF	air+aerosol	-	-	0.110	-	-	0.074	-	-	0.076	-	-	0.250	-	-
SE0014R	23478_PeCDF	air+aerosol	-	-	0.360	-	-	0.510	-	-	0.267	-	-	0.750	-	-
SE0014R	2378_TCDD	air+aerosol	-	-	0.280	-	-	0.200	-	-	0.190	-	-	0.270	-	-
SE0014R	2378_TCDF	air+aerosol	-	-	0.10	-	-	0.16	-	-	0.07	-	-	0.22	-	-
SE0014R	BDE_100	air+aerosol	0.039	0.031	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.031	99
SE0014R	BDE_153	air+aerosol	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	99
SE0014R	BDE_154	air+aerosol	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	99
SE0014R	BDE_47	air+aerosol	0.030	0.040	0.031	0.037	0.030	0.048	0.039	0.051	0.035	0.096	0.067	0.047	0.046	99
SE0014R	BDE_85	air+aerosol	0.044	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	99
SE0014R	BDE_99	air+aerosol	0.063	0.051	0.050	0.050	0.050	0.050	0.038	0.030	0.030	0.041	0.044	0.031	0.044	99
SE0014R	FTS_6-2	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	99
SE0014R	HCB	air+aerosol	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	99
SE0014R	OCDD	air+aerosol	-	-	0.005	-	-	0.002	-	-	0.002	-	-	0.013	-	-
SE0014R	OCDF	air+aerosol	-	-	0.001	-	-	0.002	-	-	0.001	-	-	0.002	-	-
SE0014R	PCB_101	air+aerosol	0.412	0.509	0.485	0.868	0.833	1.696	0.038	0.111	0.177	0.107	0.075	0.055	0.446	99
SE0014R	PCB_118	air+aerosol	0.09	0.17	0.18	0.35	0.32	0.55	0.03	0.06	0.09	0.04	0.04	0.04	0.163	99
SE0014R	PCB_138	air+aerosol	0.260	0.273	0.264	0.591	0.611	1.078	0.068	0.209	0.165	0.111	0.127	0.106	0.322	99
SE0014R	PCB_153	air+aerosol	0.284	0.342	0.307	0.679	0.680	1.195	0.042	0.164	0.134	0.087	0.103	0.082	0.341	99
SE0014R	PCB_180	air+aerosol	0.050	0.076	0.059	0.171	0.201	0.310	0.051	0.141	0.090	0.050	0.080	0.062	0.112	99
SE0014R	PCB_28	air+aerosol	0.559	0.656	0.561	1.159	0.749	1.144	0.032	0.049	0.035	0.034	0.030	0.030	0.418	99
SE0014R	PCB_52	air+aerosol	0.519	0.649	0.646	1.067	0.938	1.890	0.044	0.083	0.064	0.120	0.063	0.046	0.509	99
SE0014R	PFBA	air+aerosol	1.625	2.062	1.835	1.627	3.041	4.090	8.635	4.797	4.176	2.500	3.608	2.728	3.409	99
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	99
SE0014R	PFDcA	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	99
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	99
SE0014R	PFHpA	air+aerosol	0.125	0.058	0.096	0.113	0.116	0.205	0.161	0.096	0.198	0.140	0.133	0.169	0.134	99
SE0014R	PFHxA	air+aerosol	0.126	0.058	0.281	0.249	0.250	0.591	0.353	0.203	0.408	0.215	0.285	0.318	0.279	99
SE0014R	PFHxS	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	99
SE0014R	PFNA	air+aerosol	0.157	0.062	0.251	0.209	0.268	0.571	0.289	0.170	0.063	0.290	0.050	0.050	0.204	99
SE0014R	PFOA	air+aerosol	0.431	0.177	0.598	0.443	0.458	0.932	0.942	0.389	0.564	0.795	0.373	0.759	0.574	99
SE0014R	PFOS	air+aerosol	0.453	0.174	0.598	0.367	0.209	0.761	0.736	0.479	0.293	0.555	0.153	0.799	0.466	99
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	99
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	99
SE0014R	aldrin	air+aerosol	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	99
SE0014R	alpha_HCH	air+aerosol	1.570	1.650	1.796	3.655	2.750	3.366	3.716	6.570	4.163	2.914	2.670	2.207	3.098	99

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SE0014R	alpha_endosulfan	air+aerosol	0.370	0.245	0.347	0.545	0.330	0.815	0.414	0.640	0.314	0.355	0.250	0.153	0.400	99
SE0014R	anthracene	air+aerosol	0.036	0.012	0.006	0.011	0.002	0.002	0.003	0.004	0.005	0.015	0.033	0.016	0.012	99
SE0014R	benz_a_anthracene	air+aerosol	0.076	0.034	0.018	0.035	0.011	0.013	0.016	0.018	0.016	0.028	0.061	0.062	0.032	99
SE0014R	benzo_a_pyrene	air+aerosol	0.076	0.023	0.008	0.040	0.005	0.003	0.002	0.002	0.005	0.016	0.059	0.044	0.023	99
SE0014R	benzo_b_fluoranthene	air+aerosol	0.139	0.054	0.019	0.072	0.012	0.009	0.005	0.006	0.016	0.031	0.093	0.076	0.044	99
SE0014R	benzo_ghi_perylene	air+aerosol	0.074	0.033	0.013	0.051	0.010	0.005	0.002	0.003	0.007	0.018	0.066	0.053	0.028	99
SE0014R	benzo_k_fluoranthene	air+aerosol	0.061	0.022	0.007	0.032	0.005	0.003	0.002	0.002	0.006	0.014	0.043	0.034	0.019	99
SE0014R	beta_endosulfan	air+aerosol	0.500	0.500	0.500	0.500	0.500	0.127	0.100	0.100	0.100	0.100	0.100	0.100	0.269	99
SE0014R	chrysene	air+aerosol	0.151	0.068	0.037	0.091	0.027	0.027	0.006	0.008	0.017	0.037	0.095	0.088	0.054	99
SE0014R	dibenzo_ah_anthracene	air+aerosol	0.018	0.007	0.002	0.011	0.001	0.001	0.000	0.001	0.002	0.005	0.016	0.011	0.006	99
SE0014R	fluoranthene	air+aerosol	0.570	0.288	0.134	0.265	0.069	0.050	0.049	0.066	0.066	0.189	0.375	0.311	0.202	99
SE0014R	gamma_HCH	air+aerosol	0.780	1.485	1.064	2.131	1.870	4.763	3.619	6.690	2.298	2.249	1.770	1.480	2.529	99
SE0014R	inden_123cd_pyrene	air+aerosol	0.094	0.036	0.012	0.058	0.006	0.005	0.003	0.003	0.009	0.023	0.079	0.059	0.032	99
SE0014R	phenanthrene	air+aerosol	1.259	0.765	0.425	0.483	0.224	0.195	0.289	0.359	0.241	0.490	1.006	0.762	0.539	99
SE0014R	pp_DDD	air+aerosol	0.030	0.030	0.030	0.061	0.220	0.043	0.054	0.180	0.091	0.041	0.050	0.031	0.072	99
SE0014R	pp_DDE	air+aerosol	0.930	1.260	1.110	1.519	0.950	1.379	0.718	1.450	1.258	2.269	3.210	1.800	1.484	99
SE0014R	pp_DDT	air+aerosol	0.150	0.230	0.204	0.753	0.240	0.595	0.324	0.640	0.314	0.387	0.430	0.247	0.376	99
SE0014R	pyrene	air+aerosol	0.356	0.166	0.075	0.187	0.040	0.027	0.025	0.036	0.044	0.130	0.252	0.201	0.128	99
SE0020R	anthracene	air+aerosol	0.022	0.004	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.010	0.014	0.005	99
SE0020R	benz_a_anthracene	air+aerosol	0.192	0.039	0.005	0.042	0.004	0.003	0.001	0.003	0.003	0.016	0.100	0.132	0.045	99
SE0020R	benzo_a_pyrene	air+aerosol	0.186	0.045	0.007	0.058	0.006	0.005	0.002	0.005	0.005	0.018	0.109	0.130	0.048	99
SE0020R	benzo_b_fluoranthene	air+aerosol	0.321	0.095	0.019	0.112	0.014	0.010	0.005	0.009	0.011	0.037	0.188	0.212	0.085	99
SE0020R	benzo_ghi_perylene	air+aerosol	0.241	0.073	0.015	0.088	0.012	0.009	0.005	0.009	0.012	0.033	0.170	0.204	0.072	99
SE0020R	benzo_k_fluoranthene	air+aerosol	0.151	0.040	0.007	0.046	0.005	0.004	0.002	0.004	0.004	0.015	0.080	0.093	0.037	99
SE0020R	chrysene	air+aerosol	0.287	0.075	0.013	0.084	0.009	0.006	0.003	0.006	0.007	0.025	0.133	0.160	0.067	99
SE0020R	dibenzo_ah_anthracene	air+aerosol	0.052	0.014	0.003	0.016	0.002	0.001	0.001	0.001	0.002	0.006	0.032	0.036	0.014	99
SE0020R	fluoranthene	air+aerosol	0.509	0.119	0.016	0.166	0.014	0.009	0.005	0.010	0.010	0.032	0.195	0.234	0.109	99
SE0020R	inden_123cd_pyrene	air+aerosol	0.265	0.077	0.015	0.089	0.011	0.007	0.004	0.007	0.010	0.033	0.167	0.178	0.071	99
SE0020R	phenanthrene	air+aerosol	0.291	0.062	0.008	0.085	0.006	0.005	0.003	0.005	0.005	0.014	0.088	0.103	0.056	99
SE0020R	pyrene	air+aerosol	0.430	0.103	0.014	0.136	0.012	0.007	0.004	0.009	0.009	0.031	0.189	0.226	0.097	99
SE0022R	1234678_HpCDD	air+aerosol	0.063	-	0.020	0.020	-	0.030	0.030	-	0.025	-	-	0.073	-	-
SE0022R	1234678_HpCDF	air+aerosol	0.074	-	0.013	0.013	-	0.034	0.034	-	0.015	-	-	0.052	-	-
SE0022R	1234789_HpCDF	air+aerosol	0.01	-	0.00	0.00	-	0.01	0.01	-	0.00	-	-	0.01	-	-
SE0022R	123478_HxCDD	air+aerosol	0.060	-	0.022	0.022	-	0.036	0.036	-	0.021	-	-	0.064	-	-

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															Annual	Capture
SE0022R	123478_HxCDF	air+aerosol	0.150	-	0.053	0.053	-	0.140	0.140	-	0.052	-	-	0.160	-	-
SE0022R	123678_HxCDD	air+aerosol	0.099	-	0.036	0.036	-	0.054	0.054	-	0.027	-	-	0.088	-	-
SE0022R	123678_HxCDF	air+aerosol	0.160	-	0.054	0.054	-	0.120	0.120	-	0.040	-	-	0.150	-	-
SE0022R	123789_HxCDD	air+aerosol	0.030	-	0.022	0.022	-	0.039	0.039	-	0.015	-	-	0.065	-	-
SE0022R	123789_HxCDF	air+aerosol	0.100	-	0.042	0.042	-	0.089	0.089	-	0.040	-	-	0.074	-	-
SE0022R	12378_PeCDD	air+aerosol	0.880	-	0.200	0.200	-	0.470	0.470	-	0.200	-	-	0.430	-	-
SE0022R	12378_PeCDF	air+aerosol	0.039	-	0.013	0.013	-	0.075	0.075	-	0.013	-	-	0.033	-	-
SE0022R	234678_HxCDF	air+aerosol	0.240	-	0.056	0.056	-	0.150	0.150	-	0.055	-	-	0.190	-	-
SE0022R	23478_PeCDF	air+aerosol	0.96	-	0.15	0.15	-	0.57	0.57	-	0.19	-	-	0.54	-	-
SE0022R	2378_TCDD	air+aerosol	0.100	-	0.200	0.200	-	0.400	0.400	-	0.160	-	-	0.150	-	-
SE0022R	2378_TCDF	air+aerosol	0.170	-	0.042	0.042	-	0.260	0.260	-	0.065	-	-	0.140	-	-
SE0022R	BDE_100	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.021	0.030	0.030	0.021	0.030	0.030	0.030	0.029	99
SE0022R	BDE_153	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	99
SE0022R	BDE_154	air+aerosol	0.032	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	99
SE0022R	BDE_47	air+aerosol	0.030	0.030	0.030	0.031	0.051	0.047	0.031	0.031	0.026	0.030	0.030	0.028	0.033	99
SE0022R	BDE_85	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	99
SE0022R	BDE_99	air+aerosol	0.038	0.031	0.030	0.030	0.043	0.030	0.030	0.030	0.021	0.050	0.030	0.030	0.033	99
SE0022R	HCB	air+aerosol	25.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.1	99
SE0022R	OCDD	air+aerosol	0.004	-	0.001	0.001	-	0.002	0.002	-	0.002	-	-	0.005	-	-
SE0022R	OCDF	air+aerosol	0.001	-	0.000	0.000	-	0.004	0.004	-	0.000	-	-	0.001	-	-
SE0022R	PCB_101	air+aerosol	0.212	0.293	0.282	0.530	0.429	0.855	0.551	0.813	0.417	0.344	0.292	0.320	0.446	99
SE0022R	PCB_118	air+aerosol	0.077	0.103	0.084	0.182	0.142	0.236	0.177	0.238	0.131	0.108	0.108	0.094	0.140	99
SE0022R	PCB_138	air+aerosol	0.071	0.145	0.136	0.292	0.243	0.539	0.371	0.531	0.257	0.183	0.142	0.149	0.256	99
SE0022R	PCB_153	air+aerosol	0.100	0.175	0.170	0.293	0.276	0.604	0.412	0.594	0.285	0.220	0.168	0.187	0.291	99
SE0022R	PCB_180	air+aerosol	0.040	0.040	0.040	0.059	0.059	0.154	0.098	0.139	0.065	0.059	0.040	0.043	0.070	99
SE0022R	PCB_28	air+aerosol	0.519	0.563	0.525	0.955	0.733	0.972	0.535	0.701	0.486	0.490	0.677	0.637	0.649	99
SE0022R	PCB_52	air+aerosol	0.361	0.470	0.493	0.732	0.623	0.972	0.542	0.775	0.473	0.430	0.444	0.449	0.564	99
SE0022R	alpha_HCH	air+aerosol	1.656	1.640	2.092	3.714	2.870	3.707	2.777	3.210	3.369	2.663	2.410	2.196	2.697	99
SE0022R	anthracene	air+aerosol	0.043	0.018	0.009	0.007	0.005	0.003	0.005	0.003	0.019	0.033	0.039	0.032	0.018	99
SE0022R	benz_a_anthracene	air+aerosol	0.050	0.021	0.014	0.017	0.007	0.007	0.010	0.008	0.013	0.018	0.039	0.048	0.021	99
SE0022R	benzo_a_pyrene	air+aerosol	0.053	0.021	0.011	0.022	0.005	0.003	0.002	0.004	0.009	0.012	0.036	0.034	0.018	99
SE0022R	benzo_b_fluoranthene	air+aerosol	0.076	0.036	0.020	0.033	0.010	0.006	0.004	0.007	0.017	0.025	0.061	0.056	0.029	99
SE0022R	benzo_ghi_perylene	air+aerosol	0.053	0.022	0.011	0.021	0.007	0.004	0.002	0.003	0.010	0.015	0.040	0.032	0.018	99
SE0022R	benzo_k_fluoranthene	air+aerosol	0.037	0.016	0.008	0.015	0.004	0.003	0.002	0.003	0.008	0.011	0.026	0.025	0.013	99
SE0022R	chrysene	air+aerosol	0.110	0.054	0.034	0.041	0.013	0.008	0.005	0.008	0.023	0.036	0.079	0.080	0.041	99
SE0022R	dibenzo_ah_anthracene	air+aerosol	0.012	0.005	0.003	0.005	0.001	0.001	0.000	0.001	0.002	0.004	0.010	0.008	0.004	99

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SE0022R	fluoranthene	air+aerosol	0.518	0.309	0.194	0.151	0.083	0.071	0.060	0.060	0.108	0.192	0.364	0.371	0.205	99
SE0022R	gamma_HCH	air+aerosol	0.568	1.051	0.931	1.599	1.710	4.365	1.917	2.890	1.546	1.217	0.910	0.929	1.640	99
SE0022R	inden_123cd_pyrene	air+aerosol	0.058	0.026	0.013	0.026	0.008	0.004	0.003	0.004	0.012	0.018	0.048	0.040	0.022	99
SE0022R	phenanthrene	air+aerosol	1.431	0.922	0.616	0.387	0.373	0.388	0.334	0.312	0.390	0.641	0.998	1.073	0.652	99
SE0022R	pp_DDD	air+aerosol	0.030	0.030	0.030	0.030	0.030	0.048	0.031	0.030	0.030	0.030	0.030	0.030	0.032	99
SE0022R	pp_DDE	air+aerosol	0.551	0.730	0.814	0.743	0.760	1.048	0.615	1.290	0.963	0.972	1.830	1.756	1.003	99
SE0022R	pp_DDT	air+aerosol	0.103	0.134	0.131	0.329	0.230	0.446	0.253	0.470	0.246	0.164	0.200	0.172	0.240	99
SE0022R	pyrene	air+aerosol	0.361	0.191	0.115	0.102	0.044	0.031	0.028	0.030	0.080	0.148	0.247	0.238	0.134	99
SI0008R	benz_a_anthracene	pm10	0.251	0.200	0.054	0.048	0.025	0.009	0.009	0.009	0.009	0.038	0.052	0.126	0.068	33
SI0008R	benzo_a_pyrene	pm10	0.415	0.311	0.088	0.085	0.029	0.009	0.009	0.016	0.022	0.073	0.086	0.226	0.112	33
SI0008R	benzo_bjk_fluoranthenes	pm10	1.194	0.897	0.348	0.321	0.240	0.065	0.046	0.150	0.200	0.291	0.349	0.619	0.387	33
SI0008R	dibenzo_ah_anthracene	pm10	0.097	0.083	0.021	0.030	0.009	0.009	0.009	0.009	0.009	0.030	0.019	0.060	0.031	33
SI0008R	inden_123cd_pyrene	pm10	0.506	0.465	0.115	0.110	0.049	0.012	0.009	0.019	0.034	0.112	0.169	0.286	0.154	33