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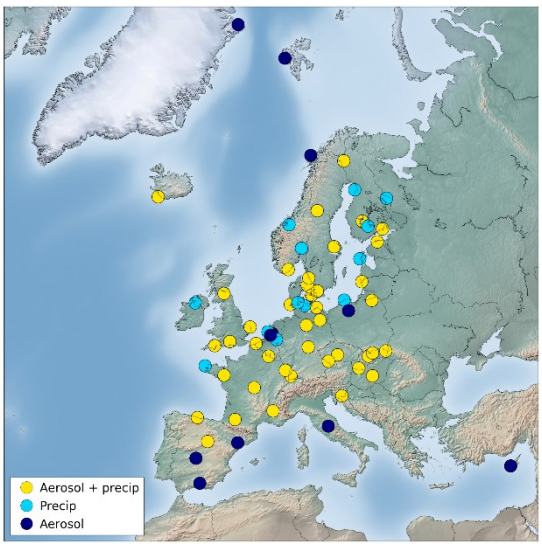
EMEP

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

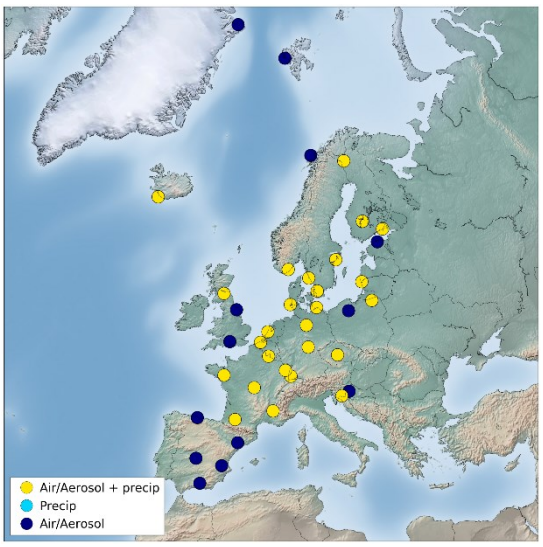
Heavy metals and POP measurements, 2018

Wenche Aas and Pernilla Bohlin-Nizzetto

Heavy metals



POPs



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Contents

Page

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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-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) for the period 1987 to 2017. In this report, data from 2018 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 2018, 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 2018, there were 41 sites measuring heavy metals in both air and precipitation, and altogether there were 65 measurement sites. There were 20 Parties to EMEP submitting heavy metal data.

There were 25 sites measuring at least one form of mercury, whereof 15 having measurements both in air and precipitation. 18 sites were measuring mercury in gaseous phase. There were 13 Parties to EMEP submitting mercury data.

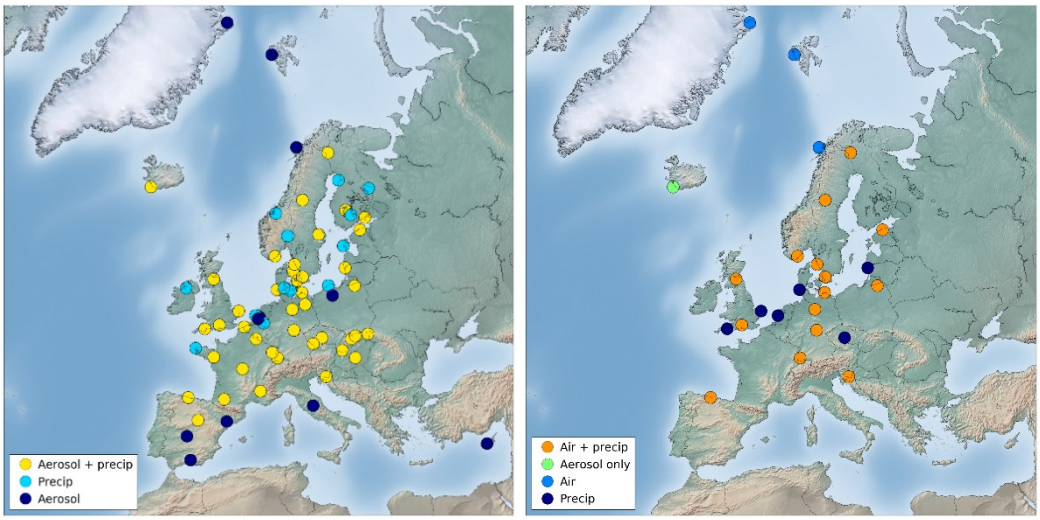

Figure 1: Measurement network of heavy metals (left) and mercury (right), 2018.

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 years, although there are still a lack of measurements in some parts of Europe, especially for mercury as seen in Figure 1. A brief summary of the sampling and analytical techniques for heavy metals used for the 2018-data are given in Table 2.

Table 1:Monitoring stations and the sampling program of heavy metals, 2018

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	35	2	20	N	33	3	29	E	532	Al,As,Cd,Cr,Cu,Fe,Pb,Mn,Ni,V,Zn	
Czech	CZ0003R	Kosetice (NOAK)	49	35	0	N	15	5	0	E	534	As,Cd,Co,Cr,Cu,Fe,Mn.Ni,Pb,Se,V,Zb	As,Cd,Co,Cr,Cu,Hg,Ni,Pb,V,Zn
Republic	CZ0005R	Churanov	49	4	0	N	13	36	0	E	118	As,Cr,Cd,Co,Cu,Fe,Pb,Ni,Mn,Se,V,Zn	As,Cd,Fe,Co,Cr,Ni,Pb,Se,V,Zn
Germany	DE0001R	Westerland	54	55	32	N	8	18	35	E	12	As,Cd,Cu,Co,Fe,Pb,Mn,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	52	48	8	N	10	45	34	E	74	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0003R	Schauinsland	47	54	53	N	7	54	31	E	1205	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0007R	Neuglobsow	53	10	0	N	13	2	0	E	65	As,Cd,Cu,Co,Fe,Pb, Mn,Ni,Tl, Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0008R	Schmücke	50	39	0	N	10	46	0	E	937	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	DE0009R	Zingst	54	26	0	N	12	44	0	E	1	As,Cd,Cu,Co,Fe,Hg,Pb,Mn,Ni,Tl,Sb,V,Zn,Se	As,Cd,Cr,Co,Cu,Fe,Hg,Pb,Mn,Mo,Ni,Sb,Se,Ti,Tl,V,Zn
	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 R.S. North	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 Mont	39	32	49	N	4	21	2	W	917	As,Cd,Cr,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
	ES0007R	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)
	ES0008R	Niembro	43	26	20	N	4	50	57	W	134	As,Cd,Cr,Pb,Ni,Zn, Hg(g)	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (precip AND total deposition)
	ES0009R	Campisabalos	41	16	27	N	3	8	33	W	1360	As,Cd,Cr,Cu,Pb,Ni,Zn	As,Cd,Cu,Cr,Pb,Ni,Zn
	ES0012R	Zarra	39	5	10	N	1	6	7	W	885		As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
	ES0014R	Els Torms	41	23	33	N	0	44	3	E	470	As,Cd,Cr,Cu,Ni,Pb,Zn	As,Cd,Cu,Cr,Pb,Hg,Ni,Zn (total deposition)
Finland	FI0018R	Virolahti III	60	31	48	N	27	40	3	E	4	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0036R	Pallas/Matarova	68	0	0	N	24	14	23	E	340	Al,As,Cd,Co,Cr,Cu,Hg,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Hg,Mn,Ni,Pb,V,Zn
	FI0050R	Hyytiälä	61	51	0	N	24	17	0	E	181	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn	Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0053R	Hailuoto II	65	0	0	N	24	41	39	E	0		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0092R	Hietajärvi	63	10	0	N	30	43	0	E	172		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn
	FI0093R	Kotinen	61	14	0	N	25	4	0	E	158		Al,As,Cd,Co,Cr,Cu,Fe,Mn,Ni,Pb,V,Zn

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-Dés.	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 Observ.	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,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn	As,Cd,Cr,Co,Cu,Pb,Hg,Ni,V,Zn
	NO0039R	Kårvatn	62 47 0 N	8 53 0 E	210		Cd,Pb,Zn
	NO0042G	Zeppelin	78 54 0 N	11 53 0 E	474	As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn	
	NO0056R	Hurdal	60 22 0 N	11 4 0 E	300		Cd,Pb,Zn
	NO0090R	Andøya	69 16 42 N	16 0 42 E	380	As,Cd,Cr,Co,Cu,Pb,Mn,Hg,Ni,V,Zn	
Poland	PL0004R	Leba	54 45 13 N	17 32 5 E	2		Cd,Cr,Cu,Pb,Ni,Zn
	PL0005R	Diabla Gora	54 7 3 N	22 2 17 E	157	As,Cd,Cr,Cu,Pb,Hg,Ni,Zn	As,Cd,Cr,Cu,Hg,Pb,Ni,Zn
	PL0009R	Zielonka	53 39 44 N	17 56 2 E	121	As,Cd,Ni,Pb	
Sweden	SE0005R	Bredkälen	63 51 0 N	15 20 0 E	404	As,Cd,Cr,Hg,Pb,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0014R	Råö	57 23 0 N	11 53 0 E	10	As,Cd,Hg,Pb,Cr,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0020R	Hallahus	56 2 80 N	13 8 80 E	190	As,Cd,Hg,Pb,Cr,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn
	SE0022R	Norunda Stenen	60 5 9	17 30 19 E	45	As,Cd,Hg,Pb,Cr,Co,Cu,Mn,Ni,V,Zn	As,Cd,Cr,Co,Cu,Hg,Pb,Mn,Ni,V,Zn

Table 1, cont.

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, 2018

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 m^3/day	Daily	ICP-OES, ICP-MS
Czech Republic	Wet only	Daily: CZ03 Weekly: CZ05	Filter-1pack	Every 2nd day	ICP-MS
Hg	Bulk	Weekly: CZ3			AFSFX
Germany	wet only	Weekly	Low volume sampler	Weekly	ICP-MS
Hg	wet only	Weekly	TGM : monitor (Tekran) GEM : mercury speciation unit (Tekran) TPM : mercury speciation unit (Tekran) RGM : mercury speciation unit (Tekran)	Daily (reported) 1 h (reported) 3 h (5 - 6 values per 24 h) 3 h (5 - 6 values per 24 h)	
Denmark	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 um, 58 m^3/day	Daily	ICP-MS
Hg			TGM: monitor (Tekran)	Continously	
Estonia	Bulk	EE0009R, weekly			Bulk
Spain	wet only	Weekly	High-volume sampler, PM_{10}	24h a week	ICP-MS (aerosol) GF-AAS for precip
Finland	Bulk	Monthly	Low volume sampler	weekly	ICP-MS
Hg	Bulk	Monthly	FI36 TGM: gold traps by Sweden	2 X 24 h a week	CV-AFS
France	bulk	Monthly (4weeks)	Low volume sampler	2-weekly	ICP MS

Table 2, cont.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	Frequency	Field method	Frequency	
Great Britain	Bulk	GB06,17: Monthly GB13,91: Weekly	Low volume sampler, PM_{10}	Weekly	ICP-MS
Hungary	wet only	Weekly	Filter 1pack	Weekly	GF-AAS
Iceland	Bulk	Weekly	High volume sampler	2-weekly	ICP-MS
Hg			High volume sampler	2-weekly	CV-AAS
Italy	Bulk sampler precip+dry deposition	Monthly	High volume sampler	48 h a week	ICP-MS
Latvia	wet only	Weekly	Low volume sampler, PM_{10}, 2.3 m^3/h	Biweekly	GF-AAS, Hg: CV-AAS
Netherlands	Wet-only	Weekly (NL0091R)	Low volume sampler, PM_{10}, OPSIS teflon filters, 2.3 m^3/h (NL0008R)	Every 2nd day	ICP-MS
	Bulk	2-weekly (NL0010R)	Low volume sampler, $PM_{2.5}$, OPSIS teflon filters, 2.3 m^3/h (NL0644R)	Every 4th day	ICP-MS
Hg	Wet-only	Weekly			CV-AFS
Norway	Bulk	Weekly	NO42: High Volume sampler, 20 m^3/h, W41 NO01: Low volume sampler, PM_{10}, KFG 2.3 m^3/h, quartz	48h a week Weekly	ICP-MS
Hg	Bulk (Hg)	Monthly	TGM: monitor (Tekran)	Continuously	CV-AFS

Table 2, cont.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	Frequency	Field method	Frequency	
Poland	Wet-only	Biweekly sampling, monthly analysis			GF-AAS, Zn: F-AAS
PL04					
PL05	Bullk	Weekly sampling, monthly analysis	High volume sampler, PM_{10}, 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)	24 h a week	AAS-AMAanalyzer gold traps; CV-AFS
PL09			High volume sampler, PM_{10}, quartz filter	Daily sampling, weekly analysis (bulked 7 filters)	As, Cd, Ni, Pb: GF-AAS
Sweden	Bulk	Monthly	Low volume sampler, teflon filter	Monthly	ICP-MS
Hg	Bulk (Hg)	2-weekly	Hg: gold traps (TGM)	2 X 24 h a week (SE0014) 1 X 24 h a week (SE0022, SE005)	CV-AFS
			Hg: mini traps (TPM)	2 X 24 h a week	CV-AFS
Slovenia	bulk (HM)	Weekly	Low volume sampler, PM_{10}, 2.3 m^3/h, quartz filters	24 h once every 6days	ICP-MS
Hg	wet only (Hg)	1 month	AAS with Zeeman background corr.	Continuous for min 2 weeks of each season	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 m^3/day, pump changed since Sept. 35-40 m3/day. SK04, SK06, SK07: 24 m3/day PM_{10}/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 2018, are shown in Figure 2-3 and Table 3. In total, there are 17 parties and 39 sites reporting POP data in 2018, whereof 27 sites with data in both air and precipitation or as total deposition. In addition, there are five Spanish sites with campaign data for total deposition during shorter periods, in 2018.

The spatial coverage differs for different POP compounds (Figure 3). One should further notice that several of the Parties only measure PAHs (i.e. 10 Parties and 27 sites). Excluding these sites there are 12 sites with POP measurements whereof 9 with measurements in both air and precipitation, from 7 Parties. A brief summary of the sampling and analytical techniques used for POPs for the 2018-data are given in Table 4.

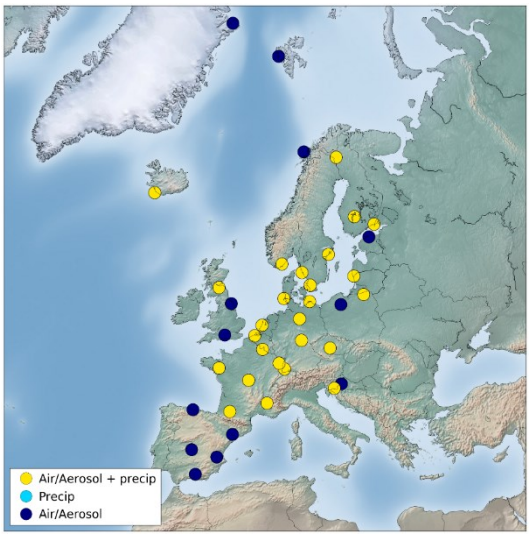

Figure 2: Measurement network of POPs in EMEP, 2018.

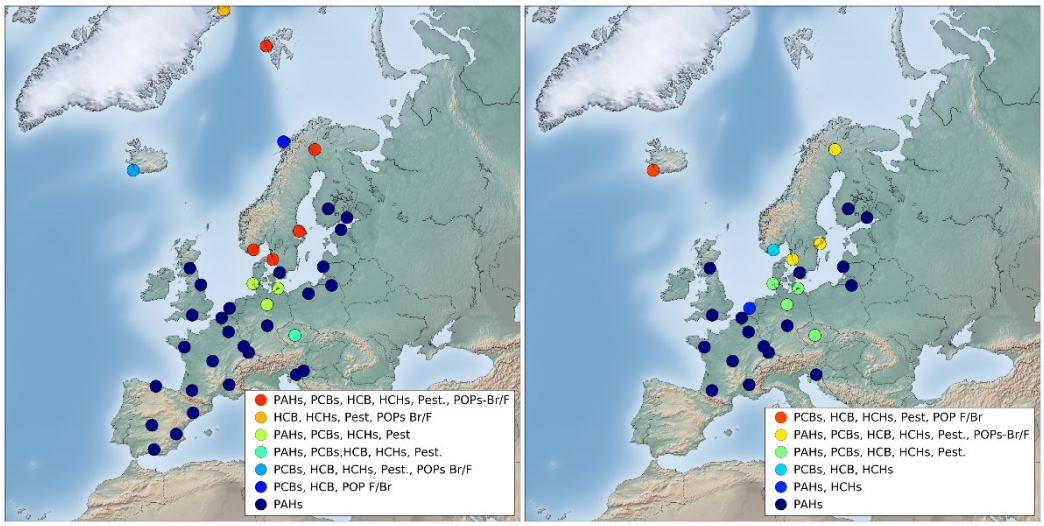

Figure 3: Spatial distribution of monitored POP components for air (left) and precipitation (right) respectively, in 2018.

Table 3:Monitoring stations and their sampling program of POPs, 2018

Country	Code	Name	Latitude				Longitude				hasl	POPs in air and aerosol	POPs in precipitation
Belgium	BE0013R	Houtem	51	0	58	N	2	34	56	E	44	PAHs	PAHs
Croatia	HR0002R	Puntijarka	45	54	0	N	15	58	0	E	988	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 R.S 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, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
	DE0002R	Waldhof	52	48	8	N	10	45	34	E	74	PAHs, PCBs, DDTs, HCHs, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
	DE0003R	Schauinsland	47	54	53	N	7	54	31	E	1205	PAHs	PAHs
	DE0008R	Schmücke	50	39	0	N	10	46	0	E	937	PAHs	PAHs
	DE0009R	Zingst	54	26	0	N	12	44	0	E	1	PAHs, PCBs, DDTs, HCHs, OCPs*	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*
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
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
Norway	NO0042G	Spitsbergen	78	54	0	N	11	53	0	E	474	PAHs, PCBs, HCB, DDTs, HCHs, OCPs*, BDEs, HBCDs, TBA, PFASs	
	NO0002R	Birkenes	58	23	0	N	8	15	0	E	190	PAHs, PCBs, HCB, DDTs, HCHs, BDEs, HBCDs, TBA,PFASs	PCBs, HCB, HCHs
	NO0090R	Andøya	69	16	42	N	16	0	42	E	380	PCBs, HCB, PFASs	

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

Table 3, cont.

Country	Code	Name	Latitude				Longitude				hasl	POPs in air and aerosol	POPs in precipitation
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, 2018

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 m^3/day	24h, once every 3 days	GC-MS
Croatia			Low Volume sampler, Comde-Derenda, PM_{10}, PTFE filter, 55 m^3 /day	Daily sampling, weekly analysis (7 filters)	GC-MS
Czech Republic	Wet only	Daily	High Volume sampler, Digitel, PM_{10}, Whatman quartz filter QM-A/150 mm, PU-foam, 700 m^3/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, PM_{10}	Weekly	
Spain	Bulk (precip + dry dep)	4 month (campaign)	High Volume sampler, PM_{10}	Pooled sampled from 10 daily sampling filters	GC-MS
Finland	Bulk (precip + dry dep)	Monthly sampling	Low volume sampler	Weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
France	Bulk (precip + dry dep)	Monthly sampling (28 days)	High Volume sampler, Digitel, PM_{10}, DA80 quartz filter	24 h, once every 6 days	GC-MS
Great Britain	Bulk (wet dep)	Monthly	High Volume sampler, PM_{10}, Whatman GF filter + 2 PU-foams, 5 m^3/h	Biweekly sampling, 3 monthly analysis	GC-MS
Iceland	Bulk (precip)	2 weeks	High Volume sampler	Biweekly	GC-ECD
Latvia	Wet only	Weekly	Low Volume sampler, PM_{10}, OPSIS teflon filters, 2.3 m^3/h	Biweekly	HPLC, GC-MS
Netherlands	Bulk	4 weekly	Low volume sampler, PM_{10}, Whatman quartz filter	Sampled 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 m^3/h	NO01: 24-48 h, once a week 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 Volume sampler, quartz filter, 750 m^3/day	Daily sampling, weekly analysis (7 filters)	HPLC
Sweden	Bulk (precip + dry dep)	1-2-week sampling, monthly analysis	High volume sampler. SE0011R: Low Volume sampler	Weekly sampling, monthly analysis	HPLC, GC-MS, GC-ECD
Slovenia	Bulk (precip + dry dep)	Weekly	Low Volume sampler, PM_{10}, quartz filters, 2.3 m^3/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 2018 precipitation and air data are presented in Figure 4-19.

The annual mean concentrations in precipitation have been calculated from daily, weekly or monthly reported values as precipitation-weighted averages. When discussing the regional distribution of the concentration fields, it should be noticed that few countries in Southern and Eastern Europe have reported data for heavy metals in precipitation or in air.

The lowest concentrations for all elements are generally found in Scandinavia, and the highest depends on compounds and compartment, aerosol or precipitation. For lead, the highest concentration in aerosols is observed in Hungary and Slovakia followed by sites in in the Benelux, UK and Poland. In precipitation, while the highest volume weighted annual mean is observed in at a site in Spain followed by a site in Slovakia. For cadmium, the highest concentration in aerosols in observed in Hungary, Belgium and Slovakia, while in precipitation, the highest level is seen in Estonia and Spain followed by sites in Sweden and Denmark. For total gaseous and elemental mercury, the highest concentration is seen in Germany, while in precipitation, the highest levels are seen in Czech Republic and surprisingly in Sweden and Finland. The concentrations of mercury, as well as for cadmium and lead, in precipitation observed in Sweden and Finland are considerably higher compared to previous years. The summer of 2018 was special in Scandinavia with drought and many forest fires that may have released and resuspended mercury containing particles to air. The concentrations of aluminium and iron which are typically tracers from mineral dust is also considerably higher in Finland in 2018 than 2017. The precipitation amount was much lower in Sweden and Finland in 2018 compared to a normal year, thus the wet deposition of trace elements are not so different in 2018 compared to 2017. Poland on the other hand recorded suspiciously low concentrations of mercury in precipitation in 2018, half of what was seen in 2017. For mercury in air, the observed concentrations in Spain is extremely low (0.36 ng/m^3) indicating problems with the measurements.

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 2018 μg/l, Hg in ng/l).

Code	Pb	Cd	Zn	Hg	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al	mm	mm (Hg)
BE0014R	0.52	0.018	6.8	-	0.19	0.05	2.38	-	0.10	2.79	-	18	-	662	
CZ0003R	1.12	0.026	17.8	14.2	0.42	-	-	0.05	0.13	-	0.16	-	-	557	559
CZ0005R	1.1	0.019	5	-	0.17	0.10	1.03	0.03	0.07	-	0.10	25	-	1052	
DE0001R	0.5	0.016	2.8	5.8	0.16	0.08	0.63	0.04	0.10	1.98	0.17	24	-	535	589
DE0002R	0.61	0.019	4	7.3	0.17	0.09	1.11	0.04	0.12	3.52	0.22	37	-	373	394
DE0003R	0.27	0.011	2.6	5.7	0.10	0.04	0.62	0.02	0.07	1.62	0.09	16	-	1210	1230
DE0007R	0.88	0.029	5.4	-	0.17	0.15	1.18	0.05	0.11	4.58	0.19	40	-	399	
DE0008R	0.51	0.017	9.1	6.7	0.21	0.07	0.83	0.03	0.09	1.94	0.09	20	-	931	886
DE0009R	0.49	0.018	3.4	5.9	0.50	0.08	0.76	0.04	0.12	3.41	0.22	30	-	415	442
DK0005R	1.91	0.064	16.5	-	0.28	0.13	2.13	-	0.42	-	-	-	-	409	
DK0008R	1.13	0.035	14.9	-	0.30	0.26	1.96	-	0.22	-	-	-	-	381	
DK0012R	0.78	0.031	12.2	-	0.31	0.13	1.62	-	0.15	-	-	-	-	446	
DK0022R	0.74	0.017	8.8	-	0.14	0.08	0.87	-	0.09	-	-	-	-	697	
EE0009R	0.58	0.096	20.7	*6.1*	0.89	0.08	3.54	-	-	-	-	-	-	577	577
EE0011R	0.66	0.042	14.9	-	5.08	-	2.43	-	-	1.61	-	-	-	605	
ES0008R	1.75	0.069	46.6	5.1	*0.70*	0.08	11.06	-	0.93	-	-	-	-	1307	1018
ES0009R	6.12	0.086	64.7	-	3.91	0.08	14.69	-	2.83	-	-	-	-	436	
FI0018R	0.98	0.033	4.3	-	0.35	0.10	0.76	0.03	0.09	2.59	0.27	72	37	538	
FI0036R	0.27	0.01	1.2	13.0	0.52	0.04	0.44	0.01	0.05	1.36	0.08	9	7	443	304
FI0050R	0.45	0.018	3.1	-	0.46	0.07	0.77	0.02	0.07	1.87	0.14	19	14	463	
FI0053R	0.38	0.018	2.7	-	0.27	0.06	0.79	0.03	0.1	1.89	0.24	26	15	342	
FI0092R	0.34	0.014	1.7	-	0.28	0.05	0.5	0.01	0.06	1.05	0.13	12	9	563	
FI0093R	0.42	0.018	2.5	-	0.31	0.06	0.48	0.02	0.06	3.09	0.14	14	11	523	
FR0008R	0.44	0.024	-	-	0.19	0.06	-	-	-	-	-	-	-	860	
FR0009R	0.68	0.027	-	-	0.24	0.07	-	-	-	-	-	-	-	1063	
FR0013R	0.36	0.012	-	-	0.26	0.06	-	-	-	-	-	-	-	830	
FR0023R	0.37	0.011	-	-	0.23	0.04	-	-	-	-	-	-	-	1411	
FR0024R	0.52	0.014	-	-	0.56	0.13	-	-	-	-	-	-	-	778	
FR0025R	0.56	0.027	-	-	0.25	0.09	-	-	-	-	-	-	-	795	
FR0090R	0.54	0.012	6.4	-	0.25	0.1	0.63	0.02	0.04	-	0.38	-	-	728	
GB0006R	0.12	0.005	1.5	-	0.05	0.16	0.23	-	0.05	-	-	-	-	1248	
GB0013R	0.21	0.006	3.4	3.7	0.12	0.09	0.48	-	0.07	-	-	-	-	1170	1153
GB0017R	0.67	0.028	6.8	4.2	0.17	0.21	1.95	-	0.14	-	-	-	-	479	1483
GB0048R	0.16	0.009	5.1	4.1	0.11	0.1	0.89	0.01	0.09	1.1	0.12	8	20	662	701
GB1055R	0.24	0.009	3.9	5.4	0.1	0.09	0.54	0.01	0.08	1.18	0.17	7	11	636	612
HU0002R	1.96	0.025	-	-	-	-	-	-	-	-	-	-	-	606	
IS0091R	1.08	0.018	14.7	-	1.21	0.07	2.82	0.24	0.97	8.67	1.41	413	326	1455	
LV0010R	*0.66*	*0.027*	-	11.0	*0.89*	*0.18*	-	-	-	-	-	-	-	319	-
NL0010R	1.04	0.042	9.3	-	*0.37*	*0.12*	2.13	-	*0.19*	-	0.36	82	-	532	
NL0091R	*0.42*	*0.012*	3.5	11.4	*0.24*	*0.05*	0.76	-	*0.08*	-	*0.17*	*18*	-	583	492
NO0001R	0.6	0.022	4	5.4	0.18	0.1	1.43	0.03	*0.07*	1.25	0.14	-	-	1349	1511
NO0039R	0.26	*0.005*	2.3	-	-	-	-	-	-	-	-	-	-	1202	
NO0056R	0.51	0.019	4.4	-	-	-	-	-	-	-	-	-	-	895	
PL0004R	0.35	0.021	3.3	-	0.15	-	0.78	-	0.06	-	-	-	-	524	
PL0005R	0.58	0.039	6.1	2.3	0.63	0.29	1.16	-	0.08	-	-	-	-	463	523
SE0005R	0.26	0.023	2.7	9.8	0.18	0.07	0.59	0.02	0.08	3.03	0.09	-	-	371	512
SE0014R	0.51	0.037	3.9	12.2	0.13	0.15	1.23	0.03	0.09	3.44	0.21	-	-	429	459
SE0020R	0.55	0.067	7.6	16.9	0.22	0.15	2.59	0.04	0.11	8.59	0.2	-	-	436	446
SE0022R	0.37	0.023	2.4	-	0.12	0.08	0.85	0.03	0.09	2.3	0.15	-	-	340	
SI0008R	0.46	*0.013*	2.5	6.0	*0.16*	*0.07*	*1.3*	*0.1*	*0.05*	3.47	0.3	-	-	1241	1284
SK0002R	1.52	0.034	19.4	-	0.6	0.3	1.93	-	0.27	-	-	-	-	1301	
SK0004R	0.68	0.007	12.3	-	1.53	0.07	1.29	-	0.09	-	-	-	-	621	
SK0006R	3.17	0.019	6.7	-	3.64	0.52	1.97	-	0.22	-	-	-	-	584	
SK0007R	0.43	0.003	37.7	-	0.8	0.07	0.74	-	0.09	-	-	-	-	408	

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

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

Table 6: Annual average concentration of heavy metals in air in 2018 (ng/m³).

Code		Pb	Cd	Zn	Hg (air)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
BE0014R	pm10	5.34	0.174	17	-	2.44	0.54	4.25	-	1.2	7.7	-	-	-
CY0002R	pm10	0.01	0.083	12.4	-	3.04	0.43	2.13	-	1.45	9.89	3.2	237	236
CZ0003R	pm10	3.37	0.102	10.2	-	0.41	0.68	1.61	0.06	0.85	4.02	0.42	133	-
CZ0003R	pm25	2.95	0.092	8.9	-	0.25	0.61	0.78	0.02	0.51	1.72	0.23	44	-
CZ0005R	pm10	1.57	0.044	6.5	-	0.26	0.26	1.05	0.03	*0.39*	1.86	0.24	75	-
DE0001R	pm10	2.03	0.062	9.2	-	0.58	0.31	2.12	0.05	-	3.12	0.75	92	-
DE0002R	pm10	3.65	0.1	16.1	1.56	0.36	0.5	2.26	-	-	3.51	0.46	113	-
DE0003R	pm10	1.21	0.028	5	1.29	0.24	0.14	1.53	0.03	-	1.92	0.26	82	-
DE0007R	pm10	3.42	0.099	11.7	-	0.35	0.57	1.86	0.05	-	3.16	0.47	92	-
DE0008R	pm10	2.12	0.055	7.3	1.52	0.34	0.32	2.14	0.04	-	2.34	0.28	87	-
DE0009R	pm10	2.76	0.083	10.3	1.49	0.75	0.43	1.73	0.05	-	2.42	1.49	83	-
DK0008R	aerosol	1.36	*0.043*	-	-	*0.6*	0.3	-	-	-	-	-	-	-
DK0010G	aerosol	0.16	0.029	-	0.96	0	0.04	-	-	-	-	-	-	-
DK0012R	aerosol	1.8	*0.055*	-	-	*0.59*	0.39	-	-	-	-	-	-	-
EE0009R	pm10	1.69	0.053	-	1.23	0.41	0.13	-	-	-	-	-	-	-
ES0001R	pm10	1.58	*0.021*	8.1	-	0.63	0.16	-	-	0.68	-	-	-	-
ES0007R	pm10	1.25	0.031	9.8	-	1.82	0.17	-	-	0.79	-	-	-	-
ES0008R	pm10	2.48	0.094	14.7	0.36	0.7	0.18	-	-	0.59	-	-	-	-
ES0009R	pm10	0.7	*0.016*	7.3	-	0.51	*0.12*	2.12	-	0.84	-	-	-	-
ES0014R	pm10	1.13	0.033	7.1	-	0.71	0.18	5.06	-	*0.64*	-	-	-	-
FI0018R	pm10	2.48	0.074	8.5	-	0.47	0.27	1.06	0.05	0.39	3.53	0.99	209	239.7
FI0036R	pm10	0.64	0.018	1.8	1.31	0.21	0.1	0.36	0.02	0.2	0.44	0.26	16	16.4
FI0050R	pm10	1.32	0.047	5.7	-	0.23	0.19	0.59	0.04	0.25	1.53	0.39	49	54
FR0008R	pm10	2.11	0.042	-	-	0.46	0.21	-	-	-	-	-	-	-
FR0009R	pm10	3.59	0.09	-	-	0.62	0.3	-	-	-	-	-	-	-
FR0013R	pm10	1.6	0.042	-	-	0.47	0.23	-	-	-	-	-	-	-
FR0023R	pm10	1.29	0.032	-	-	0.37	0.15	-	-	-	-	-	-	-
FR0024R	pm10	1.82	0.061	-	-	1.39	0.3	-	-	-	-	-	-	-
FR0025R	pm10	1.64	0.054	-	-	0.44	0.21	-	-	-	-	-	-	-
GB0013R	pm10	2.27	0.065	6.4	-	0.45	0.49	1.36	-	*0.82*	-	-	-	-
GB0017R	pm10	4.18	0.099	9.9	-	0.8	0.49	1.99	-	*0.99*	-	-	-	-
GB0048R	pm10	1.03	0.026	3.6	1.4	0.23	0.2	0.87	0.08	*0.88*	1.12	0.32	46	-
GB1055R	pm10	3.57	0.095	9.5	-	0.51	0.63	2.77	0.05	1.14	2.7	0.75	114	-
HU0002R	aerosol	7.48	0.173	-	-	-	-	-	-	-	-	-	-	-
IS0002R	aerosol	-	-	-	-	-	-	-	-	-	-	-	110	-
IS0091R	aerosol	0.11	0.005	1.2	-	0.52	0.03	0.5	0.11	0.36	4.38	0.95	237	169.6
IT0019R	pm10	1.66	0.038	7		0.7	0.14	2.09	0.06	1.2	3.38	1.12	137	157
LV0010R	pm10	1.24	0.068	-	-	*0.67*	0.26	-	-	-	-	-	-	-
NL0008R	pm10	4.54	*0.135*	30.6	-	*0.87*	*0.46*	-	-	-	-	-	-	-
NL0644R	pm25	4.15	*0.105*	*25.9*	-	*0.59*	*0.38*	-	-	-	-	-	-	-
NO0002R	pm10	0.75	0.032	3.8	1.45	0.24	0.17	0.48	0.03	*0.32*	-	0.36	-	-
NO0042G	aerosol	0.14	0.02	1.7	1.42	0.15	0.03	0.68	0.01	0.16	0.49	0.06	-	-
NO0090R	aerosol	0.23	0.007	1	1.4	0.15	0.04	0.19	0.02	0.19	0.53	0.18	-	-
PL0005R	pm10	2.61	0.104	11.8	1.41	0.25	0.22	1.42	-	0.45	-	-	-	-
PL0009R	pm10	4.09	0.149	-	-	0.53	0.51	-	-	-	-	-	-	-

Table 6 (cont.):

Code		Pb	Cd	Zn	Hg (air)	Ni	As	Cu	Co	Cr	Mn	V	Fe	Al
	air+													
SE0005R	aerosol	-	-	-	-	-	-	-	-	-	-	-	-	-
SE0005R	aerosol	0.38	0.013	1.6	1.29	0.11	0.08	0.21	0.01	0.25	0.65	0.14	-	-
SE0014R	aerosol	1.38	0.042	6.3	-	0.51	0.29	1.31	0.03	0.54	1.8	0.95	-	-
SE0020R	aerosol	1.76	0.047	7.2	1.37	0.42	0.33	1.31	0.04	0.64	3.22	0.77	-	-
SE0022R	aerosol	0.96	0.032	4.8	-	0.34	0.15	0.72	0.03	0.79	1.73	0.38	-	-
SI0008R	pm10	2.12	0.07	*6.3*	-	*0.7*	*0.22*	*1.51*	-	*1.34*	-	-	-	-
SK0002R	aerosol	2.58	0.173	5.2	-	0.26	0.12	0.66	-	0.49	-	-	-	-
SK0004R	pm10	4.83	0.121	10.4	-	0.2	0.22	1.44	-	0.43	-	-	-	-
SK0006R	pm10	3.77	0.107	8.4	-	0.28	0.22	1.06	-	0.42	-	-	-	-
SK0007R	pm10	7.91	0.155	13.8	-	0.29	0.37	2.04	-	0.54	-	-	-	-

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.
Grey shades means reported data but data completeness is poor (missing 3-4 months of data, lower coverage is not included)

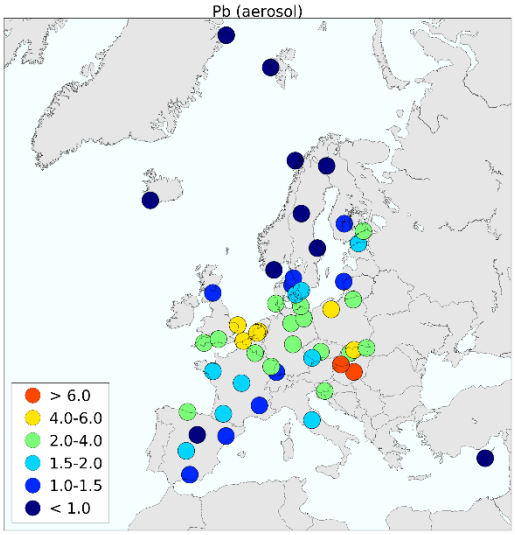

Figure 4: Pb in aerosols (ng/m³).

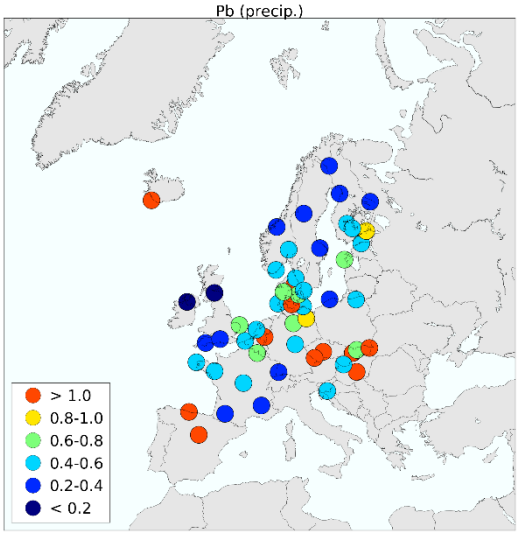

Figure 5: Pb in precipitation (µg/l).

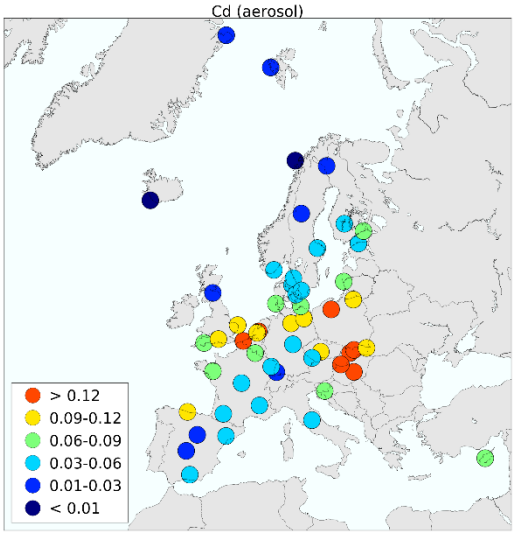

Figure 6: Cd in aerosols (ng/m³).

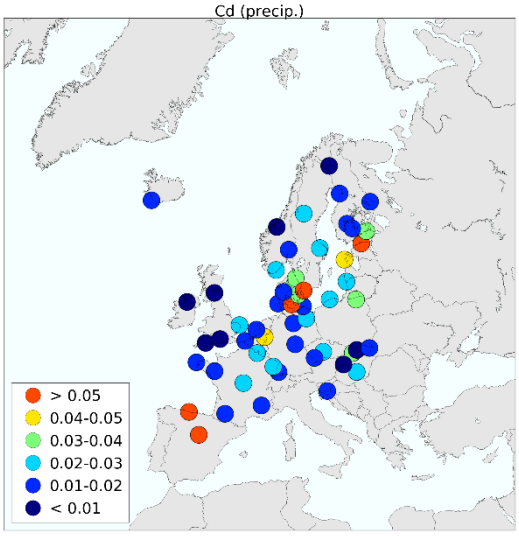

Figure 7: Cd in precipitation (µg/l).

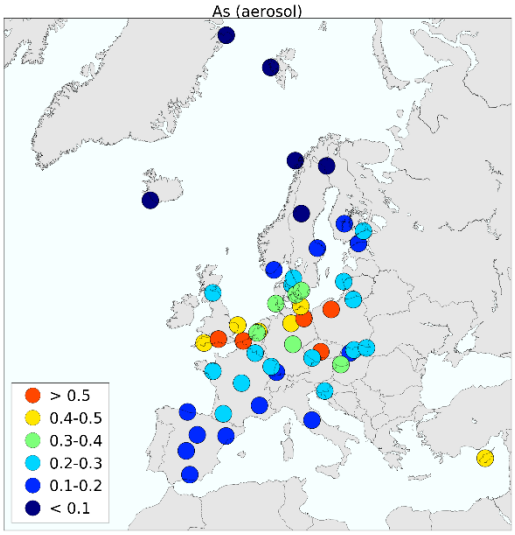

Figure 8: As in aerosols (ng/m³).

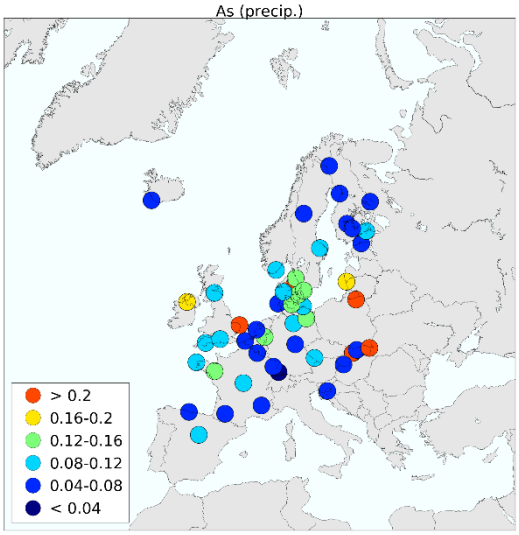

Figure 9: As in precipitation (µg/l).

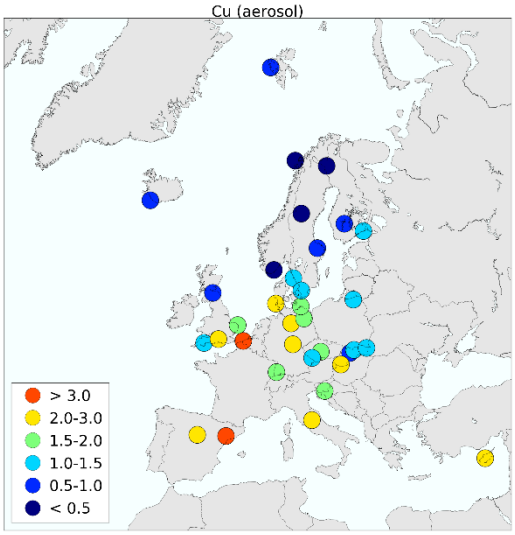

Figure 10: Cu in aerosols (ng/m³).

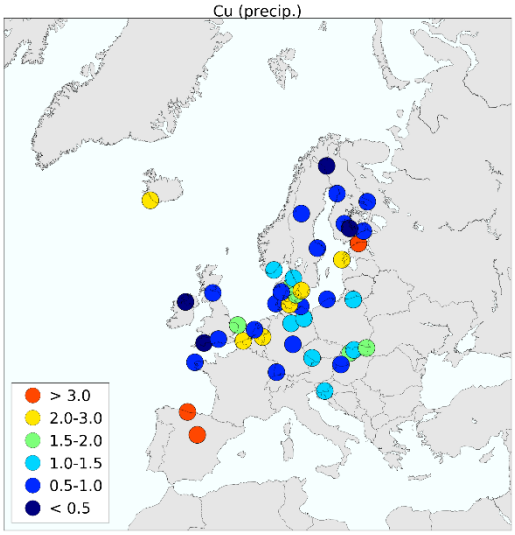

Figure 11: Cu in precipitation (µg/l).

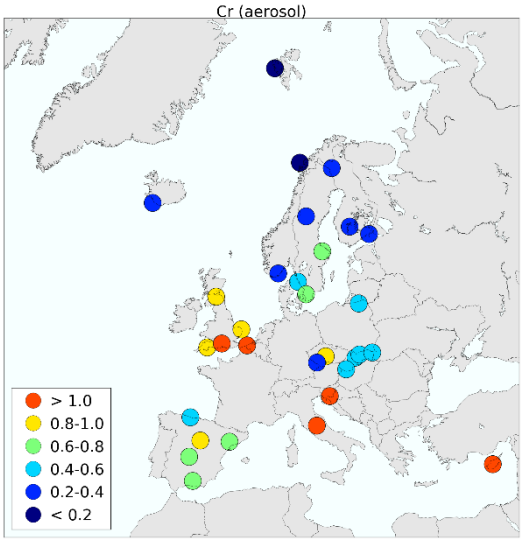

Figure 12: Cr in aerosols (ng/m³).

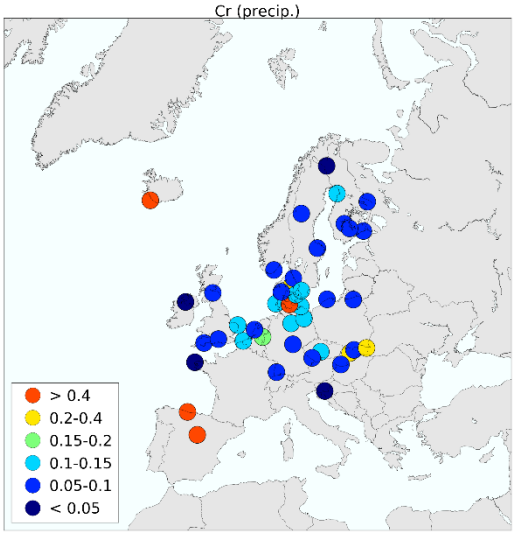

Figure 13: Cr in precipitation (µg/l).

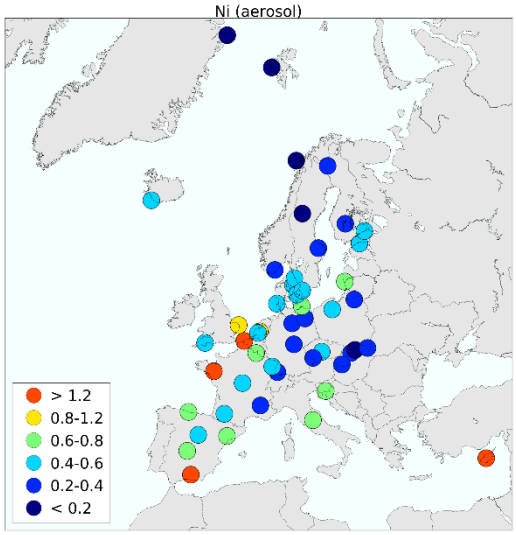

Figure 14: Ni in aerosols (ng/m³).

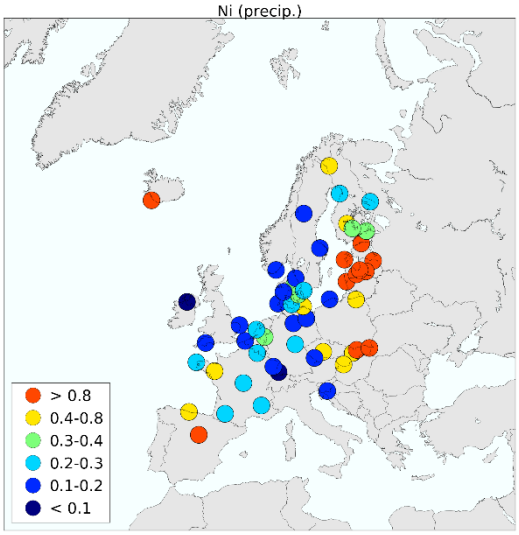

Figure 15: Ni in precipitation (µg/l).

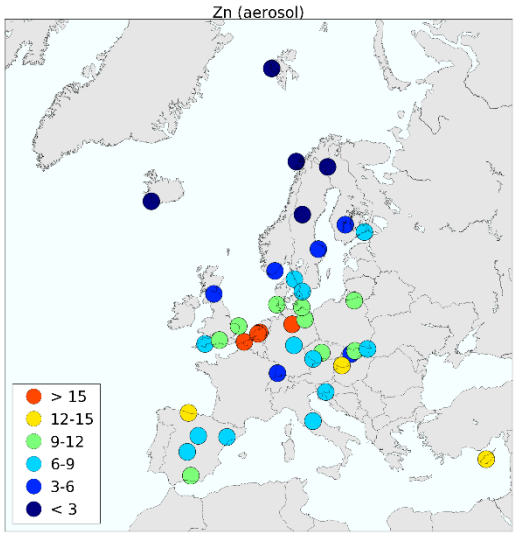

Figure 16: Zn in aerosols (ng/m³).

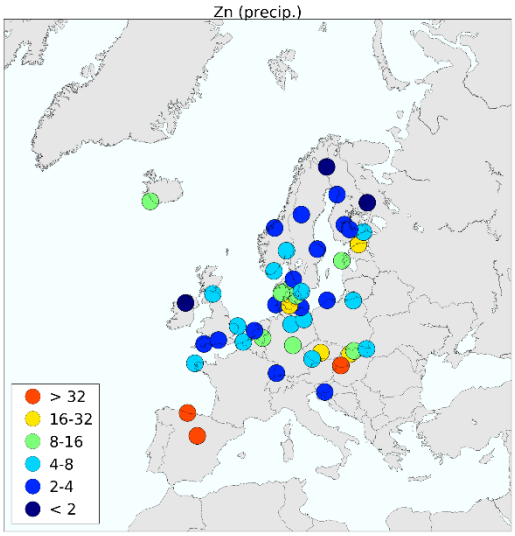

Figure 17: Zn in precipitation (µg/l).

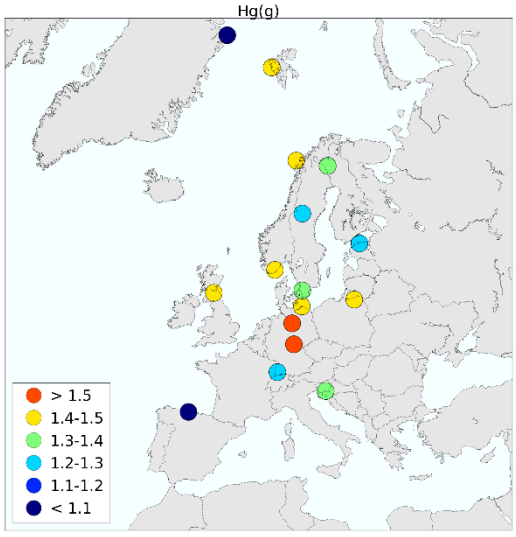

Figure 18: Hg in air (ng/m³).

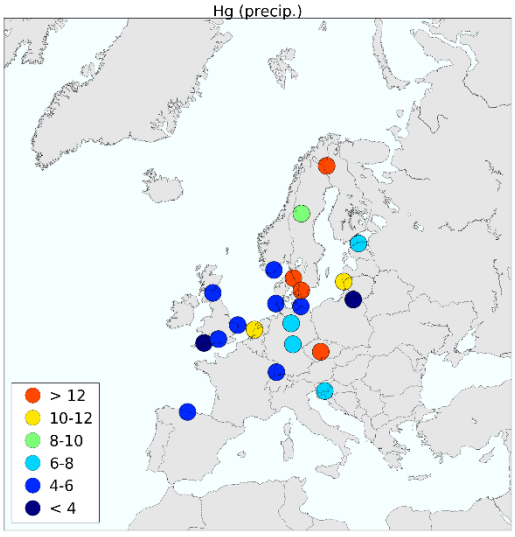

Figure 19: Hg in precipitation (ng/l).

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: the use of different sampling and analytical techniques; low spatial coverage; and high detection limits for some sites. See Annex 3 and 4 for details. For example, the different types of precipitation samplers used within the network measure either total deposition or wet deposition and provide results as deposition rates (ng/m^2 day) or concentrations (ng/L).

The spatial coverage of POP monitoring in Europe is deepening on which components in question. Annual averaged concentrations of some of the main PAHs, PCBs and pesticides in air are shown in Figure 20 – Figure 31. In general, the lowest concentrations of the monitored POPs in air are observed in the Northern Scandinavia while the highest are observed in central Europe. Exception are "hotspots" for individual compounds such as elevated levels of α-HCH and HCB in the Arctic. The concentrations tend to increase from the north to south/south-east but conclusions on specific POP compounds are hampered by the low number of sampling sites. The concentrations for most of the monitored POPs are much (one order of magnitude) higher in central Europe than those observed in the Nordic countries. For PCB this is explained by the high historical usage of these compounds in Central Europe (Breivik et al., 2002).

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

PAHs, including B(a)P are found at highest concentrations during winter (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.

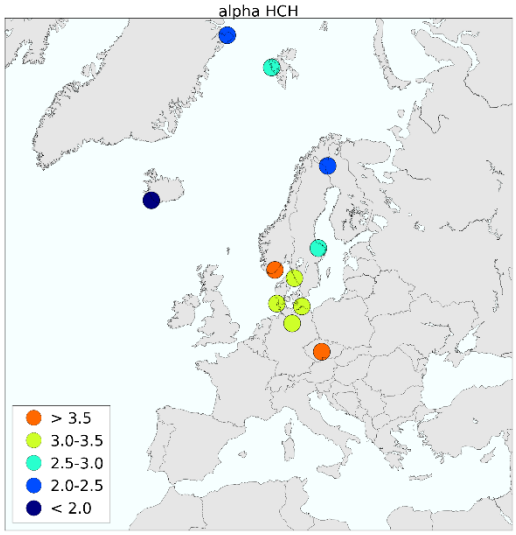

Figure 20: α-HCH in air, (pg/m^3).

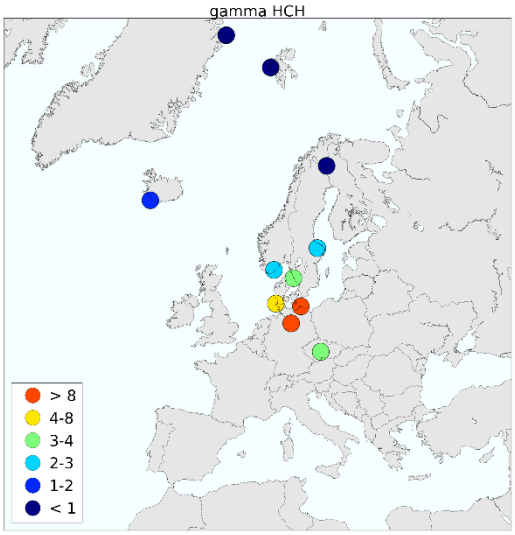

Figure 21: γ-HCH in air (pg/m^3).

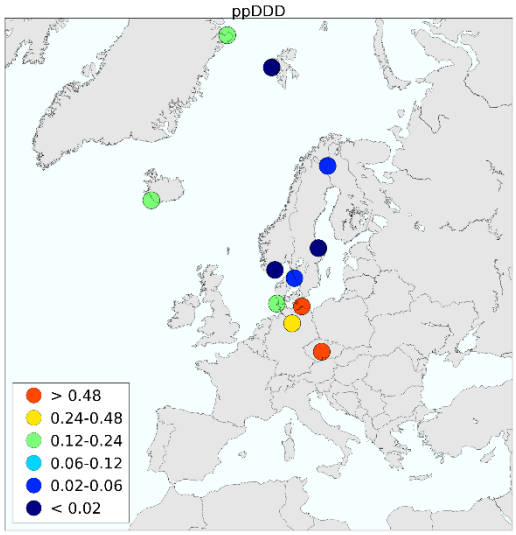

Figure 22: p,p'-DDD in air (pg/m^3).

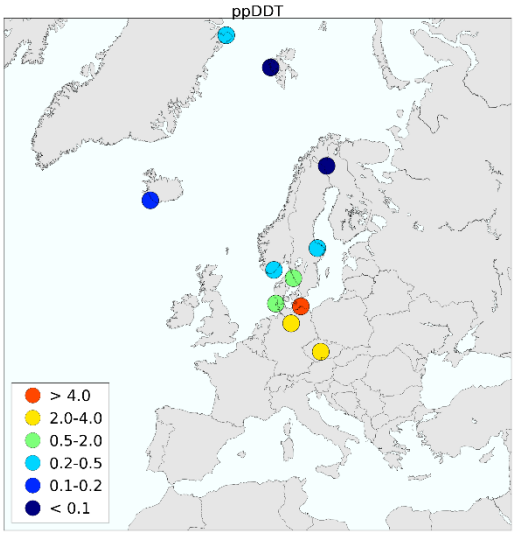

Figure 23: p,p'-DDT in air (pg/m^3).

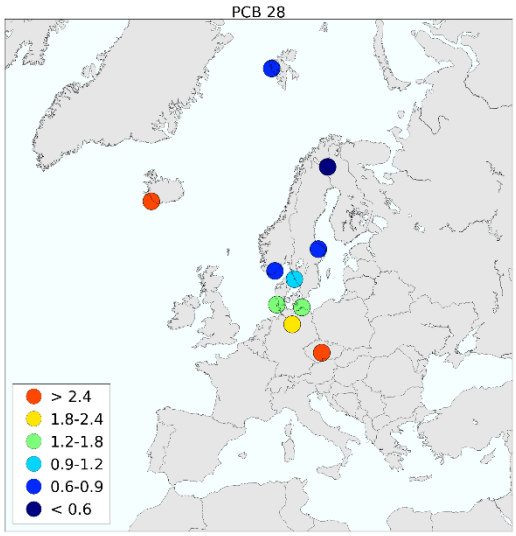

Figure 24: PCB-28 in air (pg/m^3).

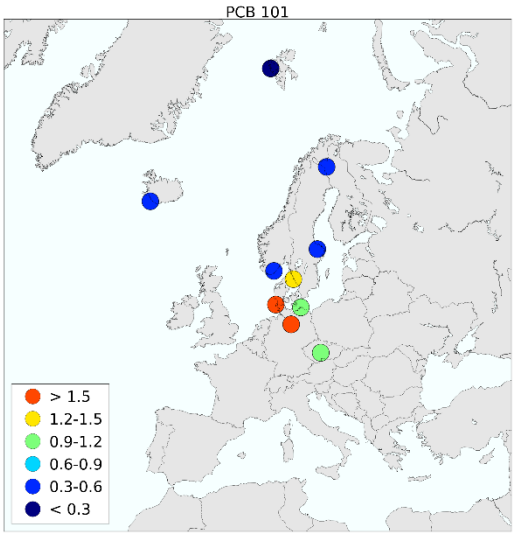

Figure 25: PCB-101 in air (pg/m^3).

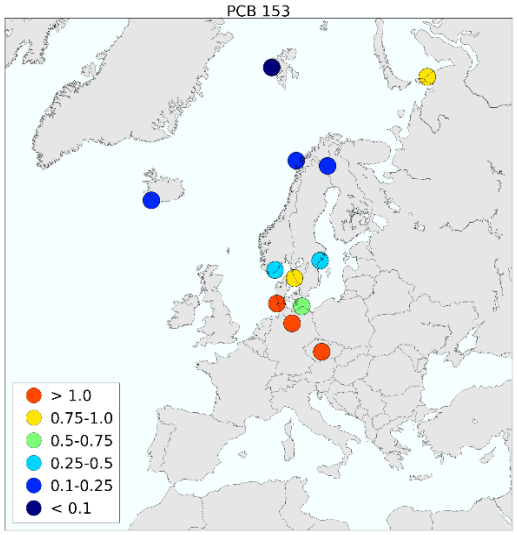

Figure 26: PCB-153 in air (pg/m^3).

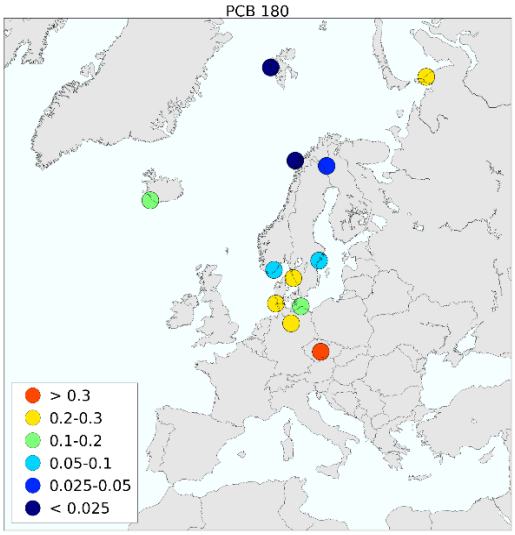

Figure 27: PCB-180 in air (pg/m^3).

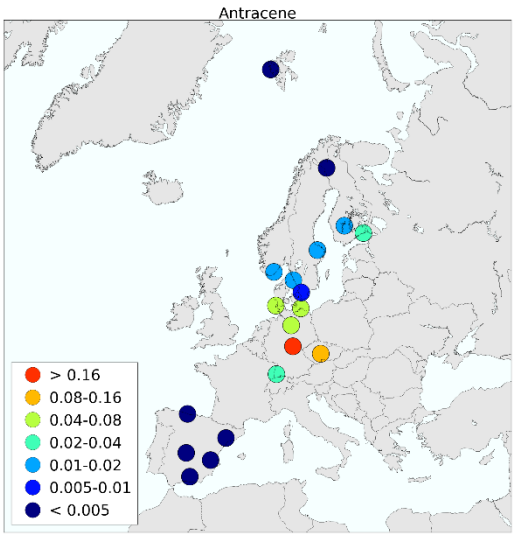

Figure 28: Anthracene in air (ng/m^3).

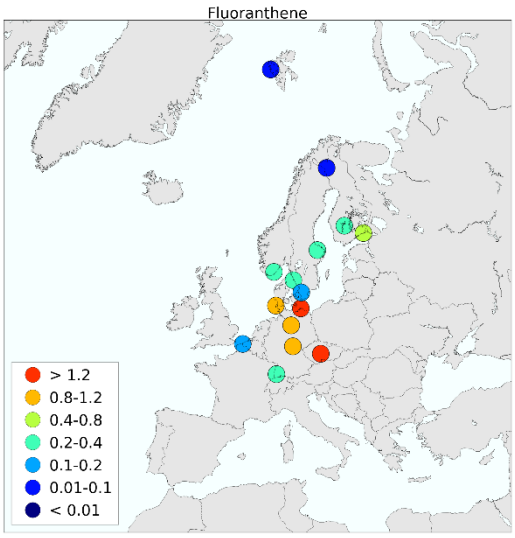

Figure 29: Fluoranthene in air (ng/m^3).

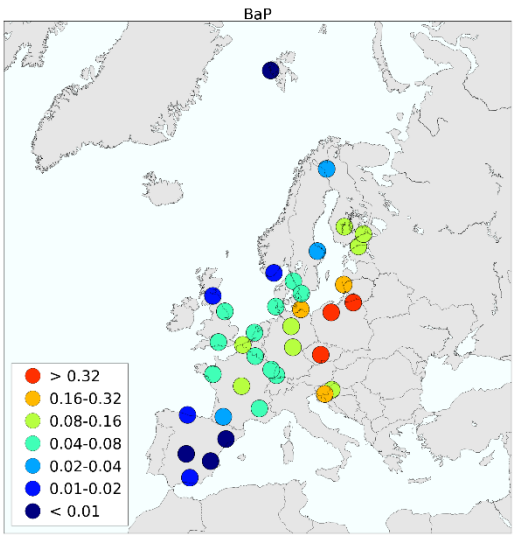

Figure 30: Benzo(a)pyrene in air (ng/m^3).

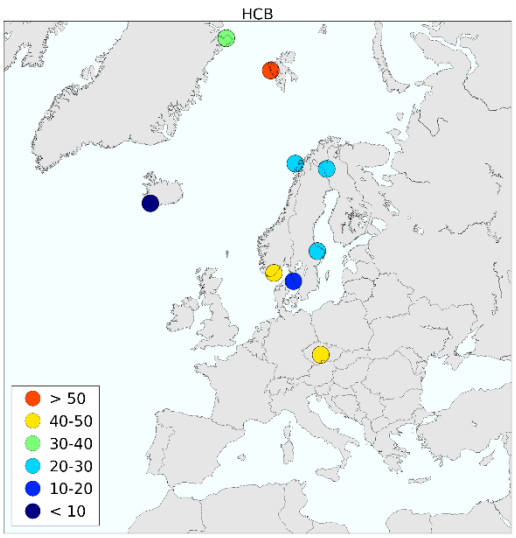

Figure 31: HCB in air (pg/m^3).

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 2020. 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 2018, 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	Jaroslav Pekarek, Milan Vana
Croatia	Croatian Meteorological and Hydrological Service,	Ksenija Kuna
Cyprus	Department of Labour Inspection, Ministry of Labour, Welfare & Social Insurance	Chrysanthos Savvides, Adamos Adamides
Denmark	Department of Environmental Science, Aarhus University	Thomas Ellermann, Rune Keller, Henrik Skov
Estonia	Estonian Environmental Research Centre	Kristi Selmet, Naima Kabral
Finland	Finnish Meteorological Institute	Mika Vestenius, Katriina Kyllönen, Ulla Makkonen
France	Institut Universitaire Européen de la Mer, Université de Bretagne Occidentale	Matthieu Waeles
Germany	Ecole des Mines de Douai	Stéphane Sauvage, Aude Bourin
Germany	Umweltbundesamt, Langen	Elke Bieber
Great Britain	AEA Technology and	Keith Vincent
Hungary	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, Rob Zwartjes
Norway	Norwegian Institute for Air Research (NILU)	Wenche Aas, Pernilla Bohlin-Nizzetto
Poland	Institute of Meteorology and Water Management	Barbara Obminska
	PL05: Institute of Environmental Protection	Anna Degorska
Slovakia	Slovakian Hydrometereological 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	Marta Munoz
Sweden	IVL Swedish Environmental Research Institute	Karin Sjöberg, Ingvar Wängberg, Michelle Nerentorp

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Appendix A

Annual statistics for heavy metals in precipitation

BE0014R Koksijde
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	0.01	0.27	32.8	0	41
Cd	precip	0.02	0.00	0.14	11.6	0	41
Cr	precip	0.10	-0.02	0.50	67.3	0	41
Cu	precip	2.38	0.63	98.91	1574.0	0	41
Fe	precip	17.98	3.50	225.00	11898.8	0	41
Mn	precip	2.79	0.25	19.10	1845.5	0	41
Ni	precip	0.19	0.02	3.30	127.2	0	41
Pb	precip	0.52	0.06	2.17	346.3	0	41
Zn	precip	6.80	2.88	42.70	4497.9	0	41

CZ0003R Kosetice (NOAK)
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.03	0.00	0.35	14.7	4	99
Co	precip	0.05	0.00	1.40	26.0	4	99
Cr	precip	0.13	0.01	2.56	73.0	11	99
Hg	precip	14.21	1.00	40.00	7934.4	3	32
Ni	precip	0.42	0.10	42.08	234.2	0	99
Pb	precip	1.12	0.10	15.25	622.2	0	99
Se	precip	0.16	0.10	1.71	91.7	74	99
V	precip	0.16	0.01	3.95	89.0	0	99
Zn	precip	17.85	1.90	306.30	9930.8	0	99

CZ0005R Churanov
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.04	0.84	109.9	24	50
Cd	precip	0.02	0.00	0.35	19.8	2	50
Co	precip	0.03	0.01	0.34	32.6	0	49
Cr	precip	0.07	0.01	0.92	76.9	6	49
Cu	precip	1.03	0.11	6.95	1081.2	0	50
Fe	precip	25.47	1.73	388.60	26782.6	2	50
Ni	precip	0.17	0.02	1.50	181.9	2	50
Pb	precip	1.10	0.03	38.41	1155.4	0	50
Se	precip	0.15	0.13	0.76	160.9	41	49
V	precip	0.10	0.01	0.70	101.0	0	49
Zn	precip	4.97	0.95	63.86	5230.5	0	50

DE0001R Westerland
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.01	0.91	40.7	0	41
Cd	precip	0.02	0.00	0.10	8.6	0	41
Co	precip	0.04	0.00	0.48	18.9	0	41
Cr	precip	0.10	0.02	0.68	53.7	0	41
Cu	precip	0.63	0.20	5.83	337.4	0	41
Fe	precip	23.61	2.68	375.11	12636.3	0	41
Hg	precip	5.81	1.51	51.08	3422.8	0	44
Mn	precip	1.98	0.24	33.09	1057.6	0	41
Mo	precip	0.04	0.01	0.15	19.8	0	41
Ni	precip	0.16	0.06	1.04	86.8	0	41
Pb	precip	0.50	0.08	5.19	265.5	0	41
Sb	precip	0.10	0.03	0.68	55.7	0	41
Se	precip	0.12	0.04	0.55	63.3	0	41
Ti	precip	0.48	0.05	7.52	255.3	0	41
Tl	precip	0.00	0.00	0.03	2.3	0	41
V	precip	0.17	0.05	1.48	93.6	0	41
Zn	precip	2.82	1.00	20.35	1509.3	0	41

DE0002R Waldhof
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.01	0.57	35.3	0	43
Cd	precip	0.02	0.00	0.15	7.2	0	43
Co	precip	0.04	0.01	0.24	16.2	0	43
Cr	precip	0.12	0.03	0.58	43.0	0	43
Cu	precip	1.11	0.34	4.96	414.6	0	43
Fe	precip	36.68	4.95	286.04	13673.4	0	43
Hg	precip	7.26	1.74	32.10	2860.0	0	45
Mn	precip	3.52	0.54	37.69	1312.4	0	43
Mo	precip	0.05	0.01	0.21	16.9	0	43
Ni	precip	0.17	0.05	0.65	63.0	0	43
Pb	precip	0.61	0.07	3.37	226.8	0	43
Sb	precip	0.10	0.03	0.27	39.1	0	43
Se	precip	0.11	0.05	0.42	40.5	0	43
Ti	precip	0.80	0.10	6.48	299.5	0	43
Tl	precip	0.00	0.00	0.03	1.8	0	43
V	precip	0.22	0.04	1.17	82.3	0	43
Zn	precip	4.01	1.18	24.55	1494.3	0	43

DE0003R Schauinsland
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.04	0.01	0.31	43.9	0	47
Cd	precip	0.01	0.00	0.27	13.6	0	47
Co	precip	0.02	0.00	0.22	30.1	0	47
Cr	precip	0.07	0.01	0.41	84.1	0	47
Cu	precip	0.62	0.10	7.97	747.3	0	47
Fe	precip	15.78	1.66	156.42	19097.5	0	47
Hg	precip	5.69	1.86	53.47	7000.1	0	48
Mn	precip	1.62	0.17	26.84	1957.7	0	47
Mo	precip	0.04	0.00	0.42	47.4	0	47
Ni	precip	0.10	0.02	0.53	117.8	0	47
Pb	precip	0.27	0.05	2.37	328.8	0	47
Sb	precip	0.07	0.01	0.31	84.3	0	47
Se	precip	0.05	0.01	0.33	58.9	0	47
Ti	precip	0.34	0.04	5.23	413.0	0	47
Tl	precip	0.00	0.00	0.01	2.4	0	47
V	precip	0.09	0.01	0.74	103.4	0	47
Zn	precip	2.56	0.74	42.08	3093.1	0	47

DE0007R Neuglobsow
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.15	0.02	0.92	60.1	0	43
Cd	precip	0.03	0.01	0.16	11.5	0	43
Co	precip	0.05	0.00	0.17	18.3	0	43
Cr	precip	0.11	0.02	0.61	44.1	0	43
Cu	precip	1.18	0.39	4.98	471.8	0	43
Fe	precip	39.62	3.79	259.48	15814.7	0	43
Mn	precip	4.58	0.52	21.52	1830.2	0	43
Mo	precip	0.04	0.01	0.13	16.2	0	43
Ni	precip	0.17	0.05	0.57	68.2	0	43
Pb	precip	0.88	0.02	5.18	352.9	0	43
Sb	precip	0.10	0.04	0.27	40.1	0	43
Se	precip	0.12	0.03	0.43	47.3	0	43
Ti	precip	0.85	0.04	3.46	337.8	0	43
Tl	precip	0.01	0.00	0.04	2.4	0	43
V	precip	0.19	0.03	0.62	77.7	0	43
Zn	precip	5.37	1.43	21.77	2142.5	0	43

DE0008R SchmÃ¼cke
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.01	0.37	62.9	0	45
Cd	precip	0.02	0.01	0.07	15.8	0	45
Co	precip	0.03	0.00	0.17	28.8	0	45
Cr	precip	0.09	0.03	0.48	86.1	0	45
Cu	precip	0.83	0.20	4.50	774.2	0	45
Fe	precip	20.30	0.62	188.29	18902.2	0	45
Hg	precip	6.73	1.81	48.86	5962.9	0	45
Mn	precip	1.94	0.24	14.53	1806.2	0	45
Mo	precip	0.06	0.01	0.28	55.7	0	45
Ni	precip	0.21	0.04	1.49	199.2	0	45
Pb	precip	0.51	0.11	2.13	476.6	0	45
Sb	precip	0.11	0.04	0.28	101.2	0	45
Se	precip	0.12	0.05	0.56	113.2	0	45
Ti	precip	0.40	0.00	3.57	373.3	0	45
Tl	precip	0.00	0.00	0.02	3.2	0	45
V	precip	0.09	0.03	0.59	86.0	0	45
Zn	precip	9.08	2.58	29.58	8450.6	0	45

DE0009R Zingst
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.02	0.45	34.5	0	46
Cd	precip	0.02	0.01	0.11	7.5	0	46
Co	precip	0.04	0.01	0.24	15.4	0	46
Cr	precip	0.12	0.03	0.68	49.1	0	46
Cu	precip	0.76	0.30	5.94	313.6	0	46
Fe	precip	29.58	5.05	186.72	12280.0	0	46
Hg	precip	5.88	0.57	25.58	2599.7	0	13
Mn	precip	3.41	0.47	25.44	1415.5	0	46
Mo	precip	0.03	0.01	0.19	13.6	0	46
Ni	precip	0.50	0.09	4.39	209.4	0	45
Pb	precip	0.49	0.14	1.92	202.5	0	46
Sb	precip	0.08	0.04	0.32	34.9	0	46
Se	precip	0.09	0.04	0.44	38.6	0	46
Ti	precip	0.71	0.10	4.00	296.3	0	46
Tl	precip	0.00	0.00	0.02	1.7	0	46
V	precip	0.22	0.05	1.03	92.5	0	46
Zn	precip	3.39	1.30	30.30	1407.1	0	46

DK0005R Keldsnor
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.05	0.23	52.0	0	12
Cd	precip	0.06	0.01	0.19	26.0	0	12
Cr	precip	0.42	0.19	0.96	173.1	0	12
Cu	precip	2.13	0.93	8.44	873.2	0	12
Ni	precip	0.28	0.09	0.99	115.3	0	12
Pb	precip	1.91	0.95	5.39	781.5	0	12
Zn	precip	16.47	6.90	59.43	6739.4	0	12

DK0008R Anholt
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.26	0.16	1.28	98.4	0	11
Cd	precip	0.04	0.02	0.34	13.5	0	11
Cr	precip	0.22	0.09	2.25	84.3	0	11
Cu	precip	1.96	0.88	42.07	747.1	0	11
Ni	precip	0.30	0.11	6.27	115.2	0	11
Pb	precip	1.13	0.58	17.67	430.9	0	11
Zn	precip	14.87	7.88	144.46	5670.6	0	11

DK0012R Risoe
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.13	0.04	0.61	57.0	0	12
Cd	precip	0.03	0.01	0.17	13.8	0	12
Cr	precip	0.15	0.05	1.25	64.8	0	12
Cu	precip	1.62	0.49	12.25	720.5	0	12
Ni	precip	0.31	0.09	2.88	138.4	0	12
Pb	precip	0.78	0.21	5.11	347.0	0	12
Zn	precip	12.18	5.00	58.89	5431.3	0	12

DK0022R Sepstrup Sande
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.03	0.21	56.0	0	12
Cd	precip	0.02	0.01	0.04	11.6	0	12
Cr	precip	0.09	0.04	0.27	60.9	0	12
Cu	precip	0.87	0.41	2.82	605.9	0	12
Ni	precip	0.14	0.08	0.40	100.8	0	12
Pb	precip	0.74	0.17	2.31	518.0	0	12
Zn	precip	8.76	3.72	19.40	6105.0	0	12

EE0009R Lahemaa
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.05	0.19	46.0	0	13
Cd	precip	0.10	0.02	0.52	55.5	0	13
Cu	precip	3.54	1.26	14.00	2045.3	0	13
Hg	precip	6.07	2.50	19.00	3500.9	7	12
Ni	precip	0.89	0.53	2.67	515.9	0	13
Pb	precip	0.58	0.35	0.80	334.8	0	13
Zn	precip	20.67	6.03	44.94	11929.0	0	13

EE0011R Vilsandi
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.04	0.01	0.10	25.2	4	13
Cu	precip	2.43	0.50	6.70	1469.0	3	13
Mn	precip	1.61	0.73	4.60	970.9	0	12
Ni	precip	5.08	0.05	59.80	3064.6	2	12
Pb	precip	0.66	0.05	2.70	398.1	1	13
Zn	precip	14.93	0.50	50.00	9030.2	1	13

ES0008R Niembro
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.00	0.51	98.5	5	50
Cd	precip	0.07	0.00	0.48	89.6	7	50
Cr	precip	0.93	0.00	3.13	1210.5	0	50
Cu	precip	11.06	0.00	56.46	14455.0	0	50
Hg	precip	5.13	0.00	29.69	5221.0	13	51
Ni	precip	0.70	0.00	4.01	917.9	33	50
Pb	precip	1.75	0.00	12.42	2289.6	0	50
Zn	precip	46.64	0.00	264.32	60942.5	0	50

ES0009R Campisabalos
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.02	0.35	36.0	11	36
Cd	precip	0.09	0.02	0.82	37.6	11	36
Cr	precip	2.83	0.26	32.77	1235.8	0	36
Cu	precip	14.69	1.15	98.25	6406.2	0	36
Ni	precip	3.91	0.51	97.65	1704.6	7	36
Pb	precip	6.12	0.27	103.01	2669.7	0	36
Zn	precip	64.74	7.34	494.35	28238.7	0	36

FI0018R Virolahti III
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	36.94	9.54	292.67	19865.2	0	12
As	precip	0.10	0.05	0.28	51.3	0	12
Cd	precip	0.03	0.01	0.13	17.9	0	12
Co	precip	0.03	0.01	0.18	14.6	0	12
Cr	precip	0.09	0.04	0.35	47.4	0	12
Cu	precip	0.76	0.36	3.77	410.4	0	12
Fe	precip	72.34	15.61	645.35	38899.4	0	12
Mn	precip	2.59	1.03	16.71	1394.6	0	12
Ni	precip	0.35	0.07	1.18	190.3	0	12
Pb	precip	0.98	0.25	3.70	529.2	0	12
V	precip	0.27	0.09	0.83	146.1	0	12
Zn	precip	4.28	1.81	15.68	2301.2	0	12

FI0036R Pallas (Matorova)
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	6.58	0.46	30.02	2915.2	0	14
As	precip	0.04	0.01	0.11	18.0	0	14
Cd	precip	0.01	0.00	0.05	4.4	0	14
Co	precip	0.01	0.00	0.04	4.7	0	14
Cr	precip	0.05	0.01	0.12	21.9	0	14
Cu	precip	0.44	0.24	1.02	195.1	0	14
Fe	precip	8.77	1.21	41.85	3883.7	0	14
Hg	precip	12.98	3.00	253.50	3947.3	0	22
Mn	precip	1.36	0.11	4.99	602.4	0	14
Ni	precip	0.52	0.11	2.85	229.5	0	14
Pb	precip	0.27	0.07	1.35	120.1	0	14
V	precip	0.08	0.03	0.23	35.3	0	14
Zn	precip	1.22	0.77	3.01	540.8	0	14

FI0050R HyytiÃ¤lÃ¤
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	14.27	2.39	41.81	6611.0	0	14
As	precip	0.07	0.03	0.21	32.3	0	14
Cd	precip	0.02	0.01	0.07	8.4	0	14
Co	precip	0.02	0.00	0.04	9.6	0	14
Cr	precip	0.07	0.03	0.12	31.4	0	14
Cu	precip	0.77	0.38	3.40	355.7	0	14
Fe	precip	19.43	3.73	44.04	8998.2	0	14
Mn	precip	1.87	0.40	3.45	864.1	0	14
Ni	precip	0.46	0.07	1.85	210.8	0	14
Pb	precip	0.45	0.13	1.59	206.6	0	14
V	precip	0.14	0.06	0.37	66.6	0	14
Zn	precip	3.06	1.55	8.99	1418.4	0	14

FI0053R Hailuoto II
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	15.44	3.75	78.69	5275.5	0	12
As	precip	0.06	0.04	0.31	20.8	0	12
Cd	precip	0.02	0.01	0.11	6.1	0	12
Co	precip	0.03	0.01	0.18	11.9	0	12
Cr	precip	0.10	0.06	0.61	35.4	0	12
Cu	precip	0.79	0.42	33.79	268.6	0	12
Fe	precip	25.50	5.22	125.12	8713.6	0	12
Mn	precip	1.89	0.81	9.50	647.4	0	12
Ni	precip	0.27	0.09	2.32	91.3	0	12
Pb	precip	0.38	0.18	2.99	130.9	0	12
V	precip	0.24	0.12	1.90	82.8	0	12
Zn	precip	2.66	1.54	14.75	910.6	0	12

FI0092R HietajÃ¤rvi
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	8.68	0.89	70.58	4880.8	0	12
As	precip	0.05	0.01	0.08	25.4	0	12
Cd	precip	0.01	0.01	0.07	8.1	0	12
Co	precip	0.01	0.00	0.07	6.3	0	12
Cr	precip	0.06	0.01	0.24	33.8	0	12
Cu	precip	0.50	0.23	1.21	283.7	0	12
Fe	precip	11.87	2.07	91.23	6680.3	0	12
Mn	precip	1.05	0.16	8.28	591.7	0	12
Ni	precip	0.28	0.06	0.82	160.0	0	12
Pb	precip	0.34	0.16	0.74	188.7	0	12
V	precip	0.13	0.06	0.36	70.4	0	12
Zn	precip	1.69	0.87	3.53	951.4	0	12

FI0093R Kotinen
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	11.38	1.07	35.15	5952.7	0	14
As	precip	0.06	0.03	0.12	30.4	0	14
Cd	precip	0.02	0.01	0.06	9.2	0	14
Co	precip	0.02	0.00	0.04	8.5	0	14
Cr	precip	0.06	0.01	0.16	32.2	0	14
Cu	precip	0.48	0.24	0.97	253.2	0	14
Fe	precip	14.13	1.74	43.24	7389.0	0	14
Mn	precip	3.09	0.23	13.57	1613.8	0	14
Ni	precip	0.31	0.07	2.13	161.2	0	14
Pb	precip	0.42	0.09	1.16	219.7	0	14
V	precip	0.14	0.06	0.26	74.6	0	14
Zn	precip	2.50	0.96	5.29	1307.0	0	14

FR0008R Donon
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.08	0.03	0.27	-	0	9
Cd	precip_tot	0.03	0.00	0.09	-	1	9
Ni	precip_tot	0.25	0.09	0.61	-	0	9
Pb	precip_tot	0.56	0.22	1.13	-	0	9

FR0009R Revin
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.15	0.01	0.93	-	1	12
Cd	precip_tot	0.05	0.00	0.23	-	1	12
Ni	precip_tot	0.37	0.08	1.40	-	0	12
Pb	precip_tot	1.14	0.24	4.67	-	0	12

FR0013R Peyrusse Vieille
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.07	0.01	0.15	-	1	13
Cd	precip_tot	0.01	0.00	0.05	-	3	13
Ni	precip_tot	0.31	0.11	0.57	-	0	13
Pb	precip_tot	0.42	0.18	0.93	-	0	13

FR0023R Saint-Nazaire-le-Désert
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.07	0.01	0.22	-	2	14
Cd	precip_tot	0.02	0.00	0.06	-	2	14
Ni	precip_tot	0.34	0.08	0.98	-	0	14
Pb	precip_tot	0.53	0.15	1.74	-	0	14

FR0024R Guipry
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.22	0.01	1.04	-	1	14
Cd	precip_tot	0.02	0.00	0.05	-	2	14
Ni	precip_tot	0.88	0.18	3.18	-	0	14
Pb	precip_tot	0.79	0.12	3.15	-	0	14

FR0025R Verneuil
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip_tot	0.12	0.01	0.29	-	1	14
Cd	precip_tot	0.04	0.00	0.26	-	2	14
Ni	precip_tot	0.34	0.06	1.00	-	0	14
Pb	precip_tot	0.82	0.12	2.30	-	0	14

FR0090R Porspoder
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.02	0.58	73.9	0	13
Cd	precip	0.01	0.00	0.05	8.9	0	13
Co	precip	0.02	0.00	0.17	15.0	0	13
Cr	precip	0.04	0.01	0.19	31.1	0	13
Cu	precip	0.63	0.04	3.79	456.0	0	13
Ni	precip	0.25	0.10	1.16	180.4	0	13
Pb	precip	0.54	0.21	1.18	395.2	0	12
V	precip	0.38	0.23	1.07	277.8	0	13
Zn	precip	6.38	3.90	14.20	4651.3	0	13

GB0006R Lough Navar
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.16	0.07	0.25	202.9	0	11
Cd	precip	0.00	0.00	0.01	5.8	1	11
Cr	precip	0.05	0.02	0.13	59.1	6	11
Cu	precip	0.23	0.07	0.50	292.9	0	11
Ni	precip	0.05	0.01	0.09	59.5	2	11
Pb	precip	0.12	0.03	0.34	144.8	3	11
Zn	precip	1.50	0.50	3.78	1874.5	4	11

GB0013R Yarner Wood
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.09	0.00	0.37	108.5	1	35
Cd	precip	0.01	0.00	0.10	7.3	7	35
Cr	precip	0.07	0.02	0.51	86.1	14	36
Cu	precip	0.48	0.10	19.82	565.2	0	35
Hg	precip	3.71	2.00	8.00	4275.0	0	12
Ni	precip	0.12	0.02	0.77	142.2	0	35
Pb	precip	0.21	0.03	4.02	251.1	8	35
Zn	precip	3.36	0.50	449.95	3931.0	4	35

GB0017R Heigham Holmes
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.21	0.08	0.35	100.6	0	7
Cd	precip	0.03	0.01	0.05	13.2	0	7
Cr	precip	0.14	0.05	0.21	69.5	0	7
Cu	precip	1.95	0.25	4.49	936.0	0	7
Hg	precip	4.16	2.00	13.00	6164.4	0	12
Ni	precip	0.17	0.05	0.38	83.4	0	7
Pb	precip	0.67	0.13	1.35	320.6	0	7
Zn	precip	6.78	1.79	12.90	3251.9	0	7

GB0048R Auchencorth Moss
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al-27	precip	19.71	0.60	547.76	13042.2	0	45
As	precip	0.10	0.01	0.43	66.2	0	45
Ba	precip	1.25	0.08	36.58	827.3	0	45
Be	precip	0.00	0.00	0.01	1.5	39	45
Cd	precip	0.01	0.00	0.07	5.6	6	45
Co	precip	0.01	0.00	0.09	6.7	16	45
Cr	precip	0.09	0.02	0.48	59.6	16	45
Cs	precip	0.00	0.00	0.01	1.3	28	45
Cu	precip	0.89	0.10	13.56	586.2	0	45
Fe-57	precip	7.50	0.50	82.56	4963.7	5	45
Hg	precip	4.13	1.00	9.00	2894.4	0	13
Li	precip	0.03	0.00	0.15	19.4	3	45
Mn	precip	1.10	0.12	10.42	726.4	0	45
Mo	precip	0.02	0.01	0.19	13.5	37	45
Ni-60	precip	0.11	0.01	2.65	71.2	4	45
Pb	precip	0.16	0.03	1.54	104.2	16	45
Sb	precip	0.04	0.01	0.18	24.6	1	45
Se	precip	0.08	0.01	0.36	49.9	11	45
Sn	precip	0.08	0.00	0.92	52.9	3	45
Sr	precip	1.19	0.17	9.93	786.3	0	46
Ti	precip	0.15	0.02	1.16	97.1	2	45
U	precip	0.00	0.00	0.02	1.0	36	45
V	precip	0.12	0.00	0.95	81.5	1	45
W	precip	0.01	0.01	0.53	8.8	36	45
Zn	precip	5.07	1.12	60.16	3353.5	0	45

GB1055R Chilbolton Observatory
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al-27	precip	11.32	1.41	98.01	7196.6	0	35
As	precip	0.09	0.00	0.56	55.8	1	35
Ba	precip	0.87	0.09	8.71	553.8	0	35
Be	precip	0.00	0.00	0.02	1.5	31	36
Cd	precip	0.01	0.00	0.08	5.9	3	35
Co	precip	0.01	0.00	0.12	6.8	8	35
Cr	precip	0.08	0.02	0.41	53.7	9	35
Cs	precip	0.00	0.00	0.01	1.3	19	36
Cu	precip	0.54	0.06	6.24	340.4	0	35
Fe-57	precip	7.02	0.50	89.17	4466.6	3	35
Hg	precip	5.37	3.00	10.00	3290.3	0	10
Li	precip	0.03	0.00	0.16	17.0	2	35
Mn	precip	1.18	0.24	14.45	751.3	0	35
Mo	precip	0.02	0.01	0.14	12.4	27	35
Ni-60	precip	0.10	0.01	0.47	60.4	1	35
Pb	precip	0.24	0.03	3.23	153.9	1	35
Sb	precip	0.05	0.01	0.33	33.1	1	35
Se	precip	0.07	0.01	0.40	41.5	9	36
Sn	precip	0.05	0.00	0.40	34.7	5	35
Sr	precip	1.29	0.49	13.64	818.1	0	41
Ti	precip	0.15	0.02	2.00	94.1	3	35
U	precip	0.00	0.00	0.01	0.8	30	36
V	precip	0.17	0.00	0.73	109.1	1	35
W	precip	0.01	0.01	0.06	4.2	25	35
Zn	precip	3.91	1.59	41.89	2486.6	0	35

HU0002R K-puszta
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.02	0.01	0.27	15.0	19	40
Pb	precip	1.96	0.21	10.66	1189.8	5	40

IS0091R Storhofdi
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip	325.45	49.60	672.20	473470.6	0	11
As	precip	0.07	0.03	0.11	102.9	2	11
Cd	precip	0.02	0.01	0.04	26.1	0	11
Co	precip	0.24	0.05	0.48	345.3	0	11
Cr	precip	0.97	0.34	2.00	1409.8	0	11
Cu	precip	2.82	0.86	8.54	4105.2	0	11
Fe	precip	413.03	58.60	958.50	600873.3	0	11
Mn	precip	8.67	1.82	18.15	12618.7	0	11
Ni	precip	1.21	0.49	3.00	1759.5	0	11
Pb	precip	1.08	0.38	1.73	1567.7	0	11
V	precip	1.41	0.26	3.19	2056.0	0	11
Zn	precip	14.69	7.70	22.10	21369.0	0	11

LV0010R Rucava
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.18	0.10	0.70	55.9	28	29
Cd	precip	0.03	0.01	0.16	8.7	23	29
Hg	precip	10.98	1.50	28.00	3498.8	9	23
Ni	precip	0.89	0.45	2.70	283.4	28	28
Pb	precip	0.66	0.20	3.00	210.5	27	28

NL0010R Vredepeel
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.12	0.02	0.43	66.5	12	23
Cd	precip	0.04	-0.02	0.19	22.4	8	23
Cr	precip	0.19	0.00	0.93	100.6	21	23
Cu	precip	2.13	0.46	17.75	1131.9	0	23
Fe	precip	81.99	5.03	365.78	43631.2	6	22
Ni	precip	0.37	0.05	2.09	196.4	15	23
Pb	precip	1.04	0.15	4.45	553.5	4	23
V	precip	0.36	0.06	1.59	193.9	6	23
Zn	precip	9.35	2.68	46.51	4974.5	1	23

NL0091R De Zilk
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.05	-0.02	0.44	30.3	42	48
Cd	precip	0.01	0.00	0.09	6.9	38	48
Cr	precip	0.08	-0.02	0.86	43.8	41	45
Cu	precip	0.76	0.17	8.02	444.7	6	47
Fe	precip	17.87	1.12	127.89	10415.9	26	46
Hg	precip	11.40	3.00	74.00	5613.8	0	37
Ni	precip	0.24	0.08	2.40	139.6	29	44
Pb	precip	0.42	0.12	3.00	247.4	24	48
V	precip	0.17	0.07	0.97	101.7	26	48
Zn	precip	3.54	0.98	23.02	2066.1	22	48

NO0001R Birkenes
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.10	0.03	0.35	128.5	15	49
Cd	precip	0.02	0.00	0.09	30.0	3	49
Co	precip	0.03	0.00	0.31	33.8	5	49
Cr	precip	0.07	0.04	1.09	90.3	29	49
Cu	precip	1.43	0.20	11.70	1931.1	0	49
Hg	precip	5.42	1.90	21.20	8185.3	0	18
Mn	precip	1.25	0.20	21.95	1692.5	0	49
Ni	precip	0.18	0.03	1.95	240.8	4	49
Pb	precip	0.60	0.15	4.74	808.4	0	49
V	precip	0.14	0.04	1.17	194.3	0	49
Zn	precip	4.01	0.30	46.65	5404.0	2	49

NO0039R Kårvatn
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.00	0.00	0.05	5.5	25	45
Pb	precip	0.26	0.02	5.04	306.8	4	44
Zn	precip	2.30	0.30	35.42	2767.1	5	45

NO0056R Hurdal
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.02	0.00	0.23	17.3	1	45
Pb	precip	0.51	0.13	5.21	459.7	0	45
Zn	precip	4.42	0.72	42.80	3958.2	0	45

PL0004R Leba
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Cd	precip	0.02	0.01	0.06	10.9	0	13
Cr	precip	0.06	0.02	0.12	31.2	0	13
Cu	precip	0.78	0.30	1.64	407.4	0	13
Ni	precip	0.15	0.05	0.34	76.7	0	13
Pb	precip	0.35	0.15	0.88	184.3	0	13
Zn	precip	3.33	1.08	8.17	1742.2	0	13

PL0005R Diabla Gora
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.29	0.24	0.48	133.7	0	13
Cd	precip	0.04	0.02	0.07	17.9	0	13
Cr	precip	0.08	0.02	0.65	38.4	0	13
Cu	precip	1.16	0.17	4.70	536.6	0	13
Hg	precip	2.29	0.70	6.80	1198.4	0	13
Ni	precip	0.63	0.20	3.80	293.5	0	13
Pb	precip	0.58	0.28	1.80	269.7	0	13
Zn	precip	6.06	1.50	17.00	2805.1	0	13

SE0005R BredkÃ¤len
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.05	0.18	24.5	0	13
Cd	precip	0.02	0.00	0.19	8.4	0	13
Co	precip	0.02	0.01	0.04	8.1	0	13
Cr	precip	0.08	0.03	0.46	31.4	0	13
Cu	precip	0.59	0.00	1.28	218.2	0	13
Hg	precip	9.75	4.40	63.40	4993.8	0	25
Mn	precip	3.03	0.00	7.70	1122.6	0	13
Ni	precip	0.18	0.03	0.46	67.5	0	13
Pb	precip	0.26	0.03	0.61	97.4	0	13
V	precip	0.09	0.03	0.14	31.6	0	13
Zn	precip	2.72	0.00	9.45	1008.7	0	13

SE0014R RÃ¥Ã¶
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.15	0.05	0.40	66.0	0	13
Cd	precip	0.04	0.01	0.12	15.8	0	13
Co	precip	0.03	0.01	0.06	11.9	0	13
Cr	precip	0.09	0.03	0.28	38.7	0	13
Cu	precip	1.23	0.22	6.30	527.4	0	13
Hg	precip	12.18	3.50	425.70	5597.1	0	26
Mn	precip	3.44	0.40	12.30	1476.3	0	13
Ni	precip	0.13	0.06	0.23	54.2	0	13
Pb	precip	0.51	0.17	1.06	219.4	0	13
V	precip	0.21	0.10	0.37	89.1	0	13
Zn	precip	3.91	0.75	7.40	1677.0	0	13

SE0020R Hallahus
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.15	0.10	0.40	67.1	0	12
Cd	precip	0.07	0.02	0.15	29.2	0	12
Co	precip	0.04	0.01	0.17	16.4	0	12
Cr	precip	0.11	0.03	0.58	49.0	0	12
Cu	precip	2.59	0.35	7.49	1129.1	0	12
Hg	precip	16.90	2.90	56.60	7545.1	0	24
Mn	precip	8.59	1.10	24.30	3740.1	0	12
Ni	precip	0.22	0.07	0.88	96.7	0	12
Pb	precip	0.55	0.30	1.33	238.7	0	12
V	precip	0.20	0.13	0.64	89.1	0	12
Zn	precip	7.63	2.63	18.34	3323.2	0	12

SE0022R Norunda Stenen
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.08	0.05	0.26	27.6	0	11
Cd	precip	0.02	0.01	0.08	7.9	0	11
Co	precip	0.03	0.01	0.09	9.0	0	11
Cr	precip	0.09	0.04	0.27	30.4	0	11
Cu	precip	0.85	0.20	2.30	288.5	0	11
Mn	precip	2.30	0.50	6.30	783.8	0	11
Ni	precip	0.12	0.03	0.42	40.8	0	11
Pb	precip	0.37	0.16	1.50	124.9	0	11
V	precip	0.15	0.10	0.44	51.7	0	11
Zn	precip	2.37	0.75	8.88	804.8	0	11

SI0008R Iskrba
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.03	0.49	88.6	44	49
Cd	precip	0.01	0.01	0.14	16.1	47	49
Co	precip	0.10	0.01	0.67	129.2	49	49
Cr	precip	0.05	0.01	0.50	60.1	39	49
Cu	precip	1.30	0.07	121.00	1614.0	32	49
Hg	precip	6.02	1.59	14.50	7737.8	0	9
Mn	precip	3.47	0.07	29.40	4311.5	13	49
Ni	precip	0.16	0.07	1.68	199.0	46	49
Pb	precip	0.46	0.03	2.55	573.8	23	49
V	precip	0.30	0.04	2.50	371.6	9	49
Zn	precip	2.46	0.25	17.20	3057.2	20	49

SK0002R Chopok
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.30	0.01	1.55	392.2	0	12
Cd	precip	0.03	0.00	0.79	44.2	0	12
Cr	precip	0.27	0.02	0.86	347.8	0	12
Cu	precip	1.93	0.40	5.42	2506.2	0	12
Ni	precip	0.60	0.01	2.54	779.0	0	12
Pb	precip	1.52	0.53	3.06	1975.5	0	12
Zn	precip	19.38	5.51	57.14	25221.0	0	12

SK0004R StarÃ¡ LesnÃ¡
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.02	0.14	44.1	0	12
Cd	precip	0.01	0.00	0.07	4.4	0	12
Cr	precip	0.09	0.01	0.43	53.0	0	12
Cu	precip	1.29	0.08	4.75	798.7	0	12
Ni	precip	1.53	0.33	7.64	947.7	0	12
Pb	precip	0.68	0.19	1.08	421.1	0	12
Zn	precip	12.26	3.04	134.80	7612.4	0	12

SK0006R Starina
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.52	0.01	118.13	303.5	0	45
Cd	precip	0.02	0.00	0.26	11.3	0	45
Cr	precip	0.22	0.02	17.24	131.1	0	45
Cu	precip	1.97	0.16	15.33	1153.0	0	45
Ni	precip	3.64	0.01	72.33	2126.1	0	45
Pb	precip	3.17	0.25	26.52	1851.1	0	45
Zn	precip	6.67	0.03	29.70	3898.9	0	45

SK0007R Topolniky
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
As	precip	0.07	0.01	0.19	26.7	0	11
Cd	precip	0.00	0.00	0.01	1.1	0	11
Cr	precip	0.09	0.01	0.84	35.8	0	11
Cu	precip	0.74	0.16	9.32	303.0	0	11
Ni	precip	0.80	0.27	4.02	326.5	0	11
Pb	precip	0.43	0.06	2.28	176.8	0	11
Zn	precip	37.68	10.98	71.09	15390.0	0	11

IT0019R Monte Martano
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
Al	precip+dry_dep	1555052.88	282000.00	4673000.00	-	0	12
As	precip+dry_dep	326.33	20.00	780.00	-	0	12
Ba	precip+dry_dep	21875.70	5820.00	50500.00	-	0	12
Cd	precip+dry_dep	172.93	20.00	970.00	-	0	12
Co	precip+dry_dep	613.21	100.00	1850.00	-	0	12
Cr	precip+dry_dep	3017.51	250.00	10900.00	-	0	12
Cu	precip+dry_dep	8391.10	1060.00	24200.00	-	0	12
Fe	precip+dry_dep	1144956.99	181000.00	3314000.00	-	0	12
La	precip+dry_dep	1189.12	120.00	4600.00	-	0	12
Mn	precip+dry_dep	41997.81	7700.00	127000.00	-	0	12
Mo	precip+dry_dep	239.48	20.00	800.00	-	0	12
Ni	precip+dry_dep	4809.10	440.00	12700.00	-	0	12
Pb	precip+dry_dep	4728.27	550.00	17900.00	-	0	12
Sb	precip+dry_dep	384.41	100.00	760.00	-	0	12
Sn	precip+dry_dep	158.33	100.00	340.00	-	0	12
Sr	precip+dry_dep	17090.25	560.00	38500.00	-	0	12
Ti	precip+dry_dep	21629.51	4840.00	45500.00	-	0	12
V	precip+dry_dep	2944.79	100.00	9390.00	-	0	12
Zn	precip+dry_dep	174065.75	25000.00	569000.00	-	0	12

Appendix B

Annual statistics for heavy metals in air

BE0014R Koksijde
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.54	0.62	0.40	2.05	0.10	0.40	6.10	97.3	0	178
Cd	pm10	0.17	0.44	0.14	2.01	0.00	0.10	4.20	97.3	0	178
Cr	pm10	1.20	1.05	0.88	2.38	-0.20	0.90	5.80	97.3	0	178
Cu	pm10	4.25	3.78	3.18	2.09	0.60	3.00	24.40	97.3	0	178
Mn	pm10	7.70	7.17	5.38	2.35	0.60	5.30	44.20	97.3	0	178
Ni	pm10	2.44	2.75	1.70	2.26	0.10	1.60	24.40	96.7	0	177
Pb	pm10	5.34	9.54	3.29	2.41	0.50	3.30	99.40	97.3	0	178
Zn	pm10	17.04	17.43	11.98	2.32	1.40	12.10	156.60	97.3	0	178

CY0002R Agia Marina Xyliatou / Cyprus Atmosph...
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	235.99	312.27	84.11	7.00	1.01	169.50	3650.04	93.2	0	340
As	pm10	0.43	0.30	0.33	2.17	0.00	0.39	2.08	93.2	0	340
Cd	pm10	0.08	0.06	0.06	2.40	0.00	0.07	0.43	93.2	0	340
Cr	pm10	1.45	2.19	1.15	2.37	0.00	1.00	19.00	93.2	0	340
Cu	pm10	2.13	3.00	1.64	2.19	0.00	1.10	27.37	93.2	0	340
Fe	pm10	236.85	254.33	104.09	5.79	1.01	194.00	2587.63	93.2	0	340
Mn	pm10	9.89	15.36	5.72	2.90	0.00	6.00	135.00	93.2	0	340
Ni	pm10	3.04	2.44	2.56	2.04	0.00	3.00	23.00	93.2	0	340
Pb	pm10	0.01	0.01	0.00	2.71	0.00	0.00	0.08	93.2	0	340
V	pm10	3.20	2.79	2.51	2.08	0.00	2.45	20.00	93.2	0	340
Zn	pm10	12.45	15.92	8.53	2.48	0.00	10.00	188.00	93.2	0	340

CZ0003R Kosetice (NOAK)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.68	0.86	0.40	2.70	0.03	0.37	6.34	49.4	3	181
As	pm25	0.61	0.80	0.34	2.92	0.03	0.36	5.09	49.7	6	182
Cd	pm10	0.10	0.10	0.07	2.29	0.01	0.07	0.73	49.4	0	181
Cd	pm25	0.09	0.09	0.06	2.32	0.01	0.06	0.63	49.7	0	182
Co	pm10	0.06	0.05	0.04	2.45	0.00	0.05	0.36	49.4	1	181
Co	pm25	0.02	0.02	0.02	2.23	0.00	0.02	0.21	49.7	3	182
Cr	pm10	0.85	1.04	0.45	3.18	0.03	0.46	4.93	49.4	60	181
Cr	pm25	0.51	0.48	0.32	2.69	0.12	0.27	2.00	49.7	82	182
Cu	pm10	1.61	1.02	1.26	2.31	0.05	1.43	6.10	49.4	5	181
Cu	pm25	0.78	0.64	0.56	2.63	0.05	0.69	5.55	49.7	15	182
Fe	pm10	132.53	121.10	88.62	2.63	5.65	96.30	887.00	49.4	0	181
Fe	pm25	43.59	39.97	29.62	2.58	1.23	34.30	297.00	49.7	0	182
Mn	pm10	4.02	2.89	3.13	2.10	0.19	3.30	17.20	49.4	0	181
Mn	pm25	1.72	1.02	1.41	2.01	0.06	1.53	5.53	49.7	0	182
Ni	pm10	0.41	0.46	0.21	3.64	0.04	0.28	2.13	49.4	63	181
Ni	pm25	0.25	0.33	0.13	3.12	0.04	0.13	2.35	49.7	81	182
Pb	pm10	3.37	3.04	2.41	2.27	0.27	2.36	18.80	49.4	0	181
Pb	pm25	2.95	2.72	2.09	2.30	0.21	2.00	17.20	49.7	0	182
Se	pm10	0.32	0.23	0.24	2.17	0.09	0.28	1.36	49.4	61	181
Se	pm25	0.28	0.21	0.21	2.15	0.09	0.24	1.03	49.7	70	182
V	pm10	0.42	0.35	0.30	2.43	0.04	0.30	2.40	49.4	0	181
V	pm25	0.23	0.19	0.17	2.34	0.02	0.17	1.06	49.7	0	182
Zn	pm10	10.20	10.23	6.03	4.00	0.02	7.62	76.70	49.4	6	181
Zn	pm25	8.91	9.70	5.73	3.05	0.02	6.16	87.70	49.7	3	182

CZ0005R Churanov
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.26	0.39	0.13	3.19	0.02	0.11	2.64	49.7	48	182
Cd	pm10	0.04	0.06	0.03	2.78	0.00	0.02	0.38	49.7	0	182
Co	pm10	0.03	0.03	0.02	3.35	0.00	0.02	0.14	49.7	13	182
Cr	pm10	0.39	0.41	0.24	2.53	0.03	0.12	1.86	49.7	105	182
Cu	pm10	1.05	2.39	0.60	3.02	0.05	0.81	31.70	49.7	18	182
Fe	pm10	74.52	74.50	39.65	3.75	0.33	50.65	350.00	49.7	1	182
Mn	pm10	1.86	1.58	1.14	3.21	0.01	1.36	6.30	49.7	2	182
Ni	pm10	0.26	0.32	0.13	3.22	0.04	0.10	1.62	49.7	83	182
Pb	pm10	1.57	1.81	0.97	2.67	0.06	1.01	10.70	49.7	0	182
Se	pm10	0.14	0.11	0.12	1.68	0.04	0.09	0.96	49.7	138	182
V	pm10	0.24	0.22	0.14	3.25	0.00	0.19	1.14	49.7	1	182
Zn	pm10	6.51	10.64	3.52	3.83	0.02	3.79	103.00	49.7	7	182

DE0001R Westerland
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.31	0.28	0.23	2.11	0.06	0.20	1.41	100.0	0	53
Cd	pm10	0.06	0.05	0.04	2.26	0.01	0.05	0.23	100.0	0	53
Co	pm10	0.05	0.03	0.04	1.89	0.00	0.04	0.14	100.0	0	53
Cu	pm10	2.12	1.21	1.80	1.87	0.16	2.01	6.19	100.0	0	53
Fe	pm10	91.95	51.25	76.85	1.84	19.69	79.12	257.67	100.0	0	53
Mn	pm10	3.12	3.04	2.28	2.11	0.53	2.30	16.24	96.2	0	51
Mo	pm10	0.16	0.11	0.13	1.94	0.03	0.13	0.53	98.1	0	52
Ni	pm10	0.58	0.34	0.48	1.96	0.07	0.49	1.51	96.2	0	51
Pb	pm10	2.03	1.67	1.50	2.16	0.27	1.39	7.73	100.0	0	53
Sb	pm10	0.30	0.17	0.26	1.79	0.05	0.26	0.92	96.2	0	51
Se	pm10	0.49	0.22	0.44	1.61	0.15	0.45	1.17	100.0	0	53
Tl	pm10	0.01	0.01	0.01	1.97	0.00	0.01	0.07	100.0	0	53
V	pm10	0.75	0.47	0.62	1.86	0.13	0.70	2.36	100.0	0	53
Zn	pm10	9.16	7.10	6.92	2.12	1.04	6.85	31.59	100.0	0	53

DE0002R Waldhof
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.50	0.49	0.35	2.22	0.10	0.29	2.20	100.0	0	53
Cd	pm10	0.10	0.08	0.08	2.05	0.02	0.07	0.35	100.0	0	53
Cu	pm10	2.26	0.94	2.12	1.52	0.80	2.12	5.12	100.0	0	53
Fe	pm10	113.04	57.23	97.87	1.71	27.02	104.56	310.27	100.0	0	53
Mn	pm10	3.51	1.76	3.01	1.76	0.77	3.33	8.74	100.0	0	53
Mo	pm10	0.23	0.14	0.19	1.83	0.05	0.22	0.75	100.0	0	53
Ni	pm10	0.36	0.15	0.31	1.84	0.03	0.35	0.70	100.0	0	53
Pb	pm10	3.65	2.96	2.72	2.13	0.54	2.21	13.61	100.0	0	53
Sb	pm10	0.45	0.24	0.39	1.71	0.13	0.38	1.16	100.0	0	53
Se	pm10	0.54	0.22	0.49	1.56	0.20	0.57	1.02	100.0	0	53
TGM	air	1.56	0.22	1.54	1.15	1.11	1.52	2.29	98.6	0	360
Tl	pm10	0.02	0.02	0.02	2.27	0.00	0.01	0.11	100.0	0	53
V	pm10	0.46	0.22	0.40	1.71	0.11	0.44	0.87	100.0	0	53
Zn	pm10	16.05	11.81	12.56	2.02	2.40	12.37	54.12	100.0	0	53

DE0003R Schauinsland
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.14	0.14	0.09	2.70	0.01	0.12	0.86	100.0	0	53
Cd	pm10	0.03	0.02	0.02	2.28	0.00	0.03	0.13	100.0	0	53
Co	pm10	0.03	0.03	0.02	3.14	0.00	0.03	0.13	100.0	0	53
Cu	pm10	1.53	0.83	1.20	2.18	0.12	1.59	3.19	100.0	0	53
Fe	pm10	82.16	64.92	45.21	4.02	1.21	82.85	276.65	100.0	0	53
Mn	pm10	1.92	1.44	1.15	3.45	0.04	1.87	5.45	98.1	0	52
Mo	pm10	0.12	0.07	0.10	2.22	0.00	0.12	0.27	100.0	0	53
Ni	pm10	0.24	0.16	0.18	2.47	0.02	0.22	0.62	100.0	0	53
Pb	pm10	1.21	0.75	0.95	2.13	0.11	1.15	3.95	100.0	0	53
Sb	pm10	0.23	0.14	0.18	2.32	0.02	0.23	0.64	98.1	0	52
Se	pm10	0.19	0.13	0.14	2.42	0.02	0.20	0.48	100.0	0	53
TGM	air	1.29	0.10	1.29	1.08	1.07	1.28	1.61	80.5	0	294
Tl	pm10	0.01	0.01	0.01	2.66	0.00	0.01	0.04	100.0	0	53
V	pm10	0.26	0.19	0.18	2.77	0.01	0.23	0.73	100.0	0	53
Zn	pm10	4.96	2.84	3.86	2.26	0.29	4.71	13.01	100.0	0	53

DE0007R Neuglobsow
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.57	0.59	0.36	2.55	0.07	0.30	2.57	100.0	0	53
Cd	pm10	0.10	0.08	0.07	2.18	0.01	0.07	0.34	100.0	0	53
Co	pm10	0.05	0.03	0.04	1.90	0.01	0.04	0.17	100.0	0	53
Cu	pm10	1.86	1.11	1.63	1.71	0.40	1.59	5.89	100.0	0	53
Fe	pm10	92.33	55.83	76.93	1.83	22.90	78.76	315.37	100.0	0	53
Mn	pm10	3.16	1.91	2.59	1.88	0.71	2.83	9.28	100.0	0	53
Mo	pm10	0.15	0.09	0.12	1.76	0.04	0.13	0.52	100.0	0	53
Ni	pm10	0.35	0.17	0.30	1.81	0.04	0.33	0.75	100.0	0	53
Pb	pm10	3.42	3.01	2.48	2.20	0.51	2.23	12.02	100.0	0	53
Sb	pm10	0.40	0.27	0.33	1.81	0.11	0.31	1.16	100.0	0	53
Se	pm10	0.49	0.24	0.43	1.61	0.15	0.42	1.18	100.0	0	53
Tl	pm10	0.02	0.02	0.01	2.48	0.00	0.01	0.10	100.0	0	53
V	pm10	0.47	0.26	0.40	1.78	0.12	0.39	1.32	100.0	0	53
Zn	pm10	11.71	9.37	8.99	2.03	2.08	8.58	39.10	100.0	0	53

DE0008R SchmÃ¼cke
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.32	0.38	0.20	2.67	0.01	0.20	2.08	100.0	0	53
Cd	pm10	0.05	0.04	0.04	1.89	0.01	0.04	0.30	100.0	0	53
Co	pm10	0.04	0.03	0.03	2.71	0.00	0.04	0.10	100.0	0	53
Cu	pm10	2.14	2.45	1.64	2.00	0.31	1.99	18.60	100.0	0	53
Fe	pm10	87.38	60.99	55.73	3.20	1.34	84.87	261.92	100.0	0	53
Mn	pm10	2.34	1.49	1.64	2.73	0.07	2.19	6.00	100.0	0	53
Mo	pm10	0.16	0.07	0.13	1.84	0.02	0.15	0.30	100.0	0	53
Ni	pm10	0.34	0.17	0.28	1.97	0.04	0.35	0.71	100.0	0	53
Pb	pm10	2.12	1.67	1.70	1.89	0.43	1.79	11.03	100.0	0	53
Sb	pm10	0.30	0.15	0.25	1.81	0.04	0.29	0.85	100.0	0	53
Se	pm10	0.50	0.23	0.43	1.81	0.08	0.48	1.10	100.0	0	53
TGM	air	1.52	0.18	1.51	1.12	1.20	1.49	2.32	96.7	0	353
Tl	pm10	0.02	0.02	0.01	1.96	0.00	0.01	0.11	100.0	0	53
V	pm10	0.28	0.18	0.20	2.70	0.01	0.24	0.64	100.0	0	53
Zn	pm10	7.27	5.05	5.88	1.96	0.69	6.64	34.11	100.0	0	53

DE0009R Zingst
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.43	0.43	0.28	2.41	0.05	0.22	1.77	100.0	0	53
Cd	pm10	0.08	0.08	0.06	2.40	0.01	0.06	0.38	100.0	0	53
Co	pm10	0.05	0.03	0.05	1.84	0.01	0.04	0.15	100.0	0	53
Cu	pm10	1.73	1.02	1.47	1.85	0.16	1.51	5.91	99.7	0	52
Fe	pm10	83.42	64.78	65.96	1.94	12.11	67.24	367.29	100.0	0	53
Mn	pm10	2.42	1.83	1.94	1.89	0.47	1.91	10.04	96.2	0	51
Mo	pm10	0.13	0.08	0.11	1.76	0.03	0.12	0.46	100.0	0	53
Ni	pm10	0.75	0.46	0.63	1.87	0.07	0.68	2.04	100.0	0	53
Pb	pm10	2.76	2.56	1.96	2.27	0.32	1.76	12.99	100.0	0	53
Sb	pm10	0.35	0.24	0.29	1.88	0.05	0.27	1.35	96.2	0	51
Se	pm10	0.45	0.22	0.40	1.58	0.13	0.42	1.31	100.0	0	53
TGM	air	1.49	0.16	1.48	1.11	1.16	1.47	1.97	99.2	0	362
Tl	pm10	0.02	0.02	0.01	2.50	0.00	0.01	0.08	100.0	0	53
V	pm10	1.49	1.22	1.07	2.26	0.21	1.05	5.46	100.0	0	53
Zn	pm10	10.29	7.92	7.89	2.09	1.42	7.51	35.79	100.0	0	53

DK0008R Anholt
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.30	0.41	0.18	2.51	-0.01	0.17	3.27	90.5	39	331
Cd	aerosol	0.04	0.07	0.02	3.03	-0.01	0.02	0.62	90.5	295	331
Ni	aerosol	0.60	0.70	0.37	3.06	-0.20	0.42	8.64	90.5	230	331
Pb	aerosol	1.36	2.01	0.76	3.25	-0.09	0.78	16.76	90.5	96	331

DK0010G Villum Research Station, Station Nord
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.03	0.03	2.38	0.00	0.04	0.14	84.4	19	45
Cd	aerosol	0.03	0.04	0.01	3.45	0.00	0.01	0.13	84.4	0	45
Hg jan- aug)	air	0.96	0.33	0.89	1.53	0.08	0.99	2.95	57.5	0	5038
Ni	aerosol	0.00	0.02	0.00	3.31	0.00	0.00	0.10	84.4	7	45
Pb	aerosol	0.16	0.20	0.10	3.95	0.00	0.08	0.80	84.4	6	45

DK0012R Risoe
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.39	0.52	0.24	2.50	0.04	0.21	4.61	97.5	29	357
Cd	aerosol	0.05	0.07	0.03	2.88	-0.00	0.03	0.81	97.5	305	357
Ni	aerosol	0.59	1.99	0.36	2.68	-0.15	0.36	36.42	97.5	276	357
Pb	aerosol	1.80	2.53	1.06	2.77	0.02	1.05	27.21	97.5	52	357

EE0009R Lahemaa
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.13	0.15	0.10	2.18	0.04	0.09	1.08	99.8	14	53
Cd	pm10	0.05	0.05	0.04	2.40	0.01	0.03	0.24	99.8	23	53
Hg	air	1.23	0.26	1.20	1.25	0.50	1.25	4.29	77.0	49	6741
Ni	pm10	0.41	0.39	0.26	2.90	0.05	0.31	1.64	99.8	12	53
Pb	pm10	1.69	1.70	1.12	2.52	0.14	1.12	8.57	99.8	0	53

ES0001R San Pablo de los Montes
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.16	0.13	0.12	2.19	0.05	0.13	0.72	16.4	22	60
Cd	pm10	0.02	0.01	0.02	1.86	0.01	0.01	0.06	16.4	33	60
Cr	pm10	0.68	0.48	0.57	1.79	0.21	0.57	2.82	16.4	12	60
Ni	pm10	0.63	0.43	0.53	1.76	0.20	0.47	2.38	16.4	7	60
Pb	pm10	1.58	5.39	0.74	2.50	0.14	0.82	42.40	16.4	0	60
Zn	pm10	8.08	6.16	6.96	1.66	2.64	6.92	48.50	16.4	1	60

ES0007R VÃ-znar
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.17	0.13	0.13	2.19	0.05	0.12	0.65	16.4	20	60
Cd	pm10	0.03	0.02	0.03	1.97	0.01	0.03	0.11	16.4	17	60
Cr	pm10	0.79	0.52	0.65	1.86	0.20	0.78	2.91	16.4	12	60
Ni	pm10	1.82	1.24	1.43	2.11	0.23	1.60	6.41	16.4	2	60
Pb	pm10	1.25	1.11	0.96	2.11	0.15	1.05	8.02	16.4	0	60
Zn	pm10	9.84	5.24	8.71	1.64	2.54	8.89	30.16	16.4	0	60

ES0008R Niembro
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.18	0.14	0.13	2.23	0.05	0.14	0.70	16.4	20	60
Cd	pm10	0.09	0.09	0.06	2.83	0.01	0.06	0.49	16.4	9	60
Cr	pm10	0.59	0.36	0.50	1.80	0.18	0.52	1.76	16.4	10	60
Ni	pm10	0.70	0.40	0.60	1.76	0.20	0.57	1.87	16.4	7	60
Pb	pm10	2.48	2.40	1.66	2.51	0.21	1.64	11.17	16.4	0	60
TGM	air	0.36	0.11	0.34	1.35	0.15	0.35	1.43	91.0	0	7971
Zn	pm10	14.67	8.33	12.76	1.71	3.17	12.73	51.13	16.4	0	60

ES0009R Campisabalos
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.12	0.10	0.09	2.02	0.05	0.05	0.51	16.4	34	60
Cd	pm10	0.02	0.01	0.01	1.70	0.01	0.01	0.05	16.4	43	60
Cr	pm10	0.84	1.63	0.55	2.14	0.18	0.58	12.73	16.4	21	60
Cu	pm10	2.12	1.50	1.73	1.92	0.39	1.82	9.10	16.4	0	60
Ni	pm10	0.51	0.41	0.42	1.71	0.21	0.42	2.13	16.4	19	60
Pb	pm10	0.70	0.51	0.54	2.15	0.10	0.57	2.51	16.4	2	60
Zn	pm10	7.26	4.39	6.11	1.82	1.81	5.91	18.91	16.4	4	60

ES0014R Els Torms
January 2018 - December 2018

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	1.95	0.05	0.17	0.50	16.7	13	61
Cd	pm10	0.03	0.03	0.02	2.14	0.01	0.03	0.20	16.7	21	61
Cr	pm10	0.64	0.29	0.57	1.66	0.19	0.78	2.05	16.7	35	61
Cu	pm10	5.06	4.91	4.19	1.72	0.84	4.04	37.09	16.7	0	61
Ni	pm10	0.71	0.52	0.57	1.89	0.22	0.46	2.31	16.7	13	61
Pb	pm10	1.13	0.74	0.88	2.13	0.14	1.00	2.89	16.7	0	61
Zn	pm10	7.13	7.15	4.99	2.26	1.14	4.28	33.04	16.7	9	61

FI0018R Virolahti III
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	239.66	286.92	97.75	4.20	5.22	79.62	1014.51	99.6	0	54
As	pm10	0.27	0.28	0.20	1.86	0.07	0.19	1.59	99.6	0	54
Cd	pm10	0.07	0.08	0.05	2.33	0.01	0.04	0.41	99.6	0	54
Co	pm10	0.05	0.04	0.04	2.22	0.01	0.04	0.15	99.6	0	54
Cr	pm10	0.39	0.29	0.27	2.66	0.01	0.30	1.60	99.6	2	54
Cu	pm10	1.06	0.62	0.90	1.74	0.24	0.87	3.24	99.6	0	54
Fe	pm10	208.82	238.83	96.85	3.65	9.05	91.85	895.32	99.6	0	54
Mn	pm10	3.53	2.93	2.30	2.60	0.39	2.34	11.52	99.6	0	54
Ni	pm10	0.47	0.28	0.39	1.81	0.10	0.38	1.59	99.6	0	54
Pb	pm10	2.48	2.37	1.78	2.14	0.33	1.64	12.54	99.6	0	54
V	pm10	0.99	0.64	0.78	2.03	0.11	0.77	3.27	99.6	0	54
Zn	pm10	8.50	6.22	6.88	1.83	1.73	6.18	34.90	99.6	0	54

FI0036R Pallas (Matorova)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	16.41	17.42	9.42	2.91	0.51	8.94	81.53	97.0	0	53
As	pm10	0.10	0.10	0.06	2.61	0.01	0.07	0.64	97.0	0	53
Cd	pm10	0.02	0.02	0.01	3.03	0.00	0.01	0.08	97.0	3	53
Co	pm10	0.02	0.02	0.01	3.09	0.00	0.01	0.08	97.0	5	53
Cr	pm10	0.20	0.25	0.11	3.33	0.01	0.15	1.71	97.0	5	53
Cu	pm10	0.36	0.35	0.22	2.72	0.02	0.25	1.60	97.0	0	53
Fe	pm10	16.38	13.29	11.38	2.29	2.38	12.28	56.58	97.0	0	53
Hg	aerosol	1.30	1.03	1.02	2.12	0.00	1.05	4.40	70.4	0	38
Hg	air+aerosol	1.31	0.23	1.29	1.20	0.80	1.30	1.90	23.8	0	87
Mn	pm10	0.44	0.33	0.31	2.29	0.08	0.37	1.55	97.0	0	53
Ni	pm10	0.21	0.22	0.10	4.26	0.00	0.12	0.92	97.0	3	53
Pb	pm10	0.64	0.69	0.33	3.11	0.03	0.36	2.69	97.0	0	53
V	pm10	0.26	0.31	0.13	3.30	0.01	0.16	1.59	97.0	0	53
Zn	pm10	1.78	1.51	1.17	2.53	0.16	1.30	5.51	97.0	0	53

FI0050R HyytiÃ¤lÃ¤
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	53.98	55.69	27.81	3.63	0.18	31.17	223.77	98.5	0	53
As	pm10	0.19	0.14	0.16	1.63	0.06	0.16	0.94	98.5	0	53
Cd	pm10	0.05	0.04	0.04	2.03	0.01	0.03	0.23	98.5	0	53
Co	pm10	0.04	0.04	0.02	2.38	0.00	0.02	0.25	98.5	0	53
Cr	pm10	0.25	0.20	0.16	3.04	0.01	0.20	1.10	98.5	5	53
Cu	pm10	0.59	0.30	0.51	1.72	0.11	0.48	1.43	98.5	0	53
Fe	pm10	48.53	42.49	30.81	2.61	2.26	31.57	172.39	98.5	0	53
Mn	pm10	1.53	1.00	1.16	2.07	0.15	1.10	4.06	98.5	0	53
Ni	pm10	0.23	0.11	0.20	1.71	0.04	0.20	0.53	98.5	0	53
Pb	pm10	1.32	1.32	0.93	2.24	0.21	0.90	7.08	98.5	0	53
V	pm10	0.39	0.25	0.30	2.10	0.02	0.33	1.05	98.5	0	53
Zn	pm10	5.73	4.35	4.67	1.88	1.43	4.75	25.01	98.5	0	53

FR0008R Donon
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.21	0.07	0.20	1.42	0.09	0.21	0.35	65.4	0	17
Cd	pm10	0.04	0.02	0.04	1.47	0.02	0.04	0.08	65.4	0	17
Ni	pm10	0.46	0.25	0.41	1.63	0.17	0.39	1.19	65.4	0	17
Pb	pm10	2.11	0.56	2.03	1.33	0.98	2.03	3.14	65.4	0	17

FR0009R Revin
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.30	0.11	0.27	1.57	0.08	0.28	0.47	84.0	0	24
Cd	pm10	0.09	0.04	0.08	1.66	0.02	0.09	0.19	80.2	0	23
Ni	pm10	0.62	0.39	0.48	2.63	0.04	0.64	1.34	83.6	0	23
Pb	pm10	3.59	1.32	3.28	1.54	0.90	3.34	7.30	84.0	0	24

FR0013R Peyrusse Vieille
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.23	0.13	0.20	1.65	0.08	0.21	0.66	90.2	0	25
Cd	pm10	0.04	0.02	0.04	1.46	0.02	0.04	0.09	90.2	0	25
Ni	pm10	0.47	0.23	0.39	1.79	0.13	0.44	0.87	90.2	0	25
Pb	pm10	1.60	0.48	1.51	1.40	0.71	1.73	2.81	90.2	0	25

FR0023R Saint-Nazaire-le-DÃ©sert
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.15	0.08	0.13	1.65	0.04	0.14	0.35	96.2	0	26
Cd	pm10	0.03	0.01	0.03	1.56	0.01	0.03	0.07	92.3	0	25
Ni	pm10	0.37	0.22	0.30	1.95	0.10	0.36	0.89	96.2	0	26
Pb	pm10	1.29	0.58	1.13	1.63	0.45	1.20	2.57	96.2	0	26

FR0024R Guipry
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.30	0.11	0.27	1.50	0.11	0.31	0.53	99.9	0	27
Cd	pm10	0.06	0.02	0.06	1.55	0.02	0.06	0.12	99.9	0	27
Ni	pm10	1.39	0.95	1.06	2.36	0.04	1.13	4.67	92.3	0	25
Pb	pm10	1.82	0.69	1.67	1.52	0.55	1.83	3.96	99.9	0	27

FR0025R Verneuil
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.21	0.09	0.19	1.51	0.07	0.21	0.50	96.2	0	26
Cd	pm10	0.05	0.03	0.05	1.65	0.02	0.04	0.17	96.2	0	26
Ni	pm10	0.44	0.33	0.30	2.86	0.01	0.36	1.32	96.2	1	26
Pb	pm10	1.64	0.72	1.45	1.65	0.34	1.52	3.63	96.2	0	26

GB0013R Yarner Wood
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.49	0.20	0.46	1.50	0.22	0.47	0.91	100.0	0	14
Cd	pm10	0.06	0.03	0.06	1.61	0.03	0.05	0.12	100.0	0	14
Cr	pm10	0.82	0.58	0.62	2.05	0.20	0.50	1.90	100.0	9	14
Cu	pm10	1.36	0.56	1.21	1.54	0.65	1.20	2.30	100.0	0	14
Ni	pm10	0.45	0.16	0.41	1.42	0.22	0.41	0.84	100.0	0	14
Pb	pm10	2.27	0.87	2.03	1.56	0.78	2.15	3.66	100.0	0	14
Zn	pm10	6.36	2.42	5.73	1.54	2.27	6.09	9.67	100.0	0	14

GB0017R Heigham Holmes
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.49	0.16	0.47	1.46	0.19	0.55	0.71	100.0	0	14
Cd	pm10	0.10	0.05	0.09	1.62	0.04	0.08	0.22	100.0	0	14
Cr	pm10	0.99	0.33	0.88	1.54	0.30	0.90	1.30	100.0	8	14
Cu	pm10	1.99	0.67	1.85	1.43	0.95	1.89	3.35	100.0	0	14
Ni	pm10	0.80	0.34	0.70	1.57	0.29	0.63	1.38	100.0	0	14
Pb	pm10	4.18	3.45	3.37	1.83	1.32	3.22	15.35	100.0	0	14
Zn	pm10	9.88	4.41	9.00	1.56	4.20	8.93	20.16	100.0	0	14

GB0048R Auchencorth Moss
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.20	0.07	0.19	1.42	0.11	0.18	0.37	100.0	0	15
Cd	pm10	0.03	0.01	0.02	1.36	0.01	0.02	0.04	100.0	0	15
Co	pm10	0.08	0.18	0.03	2.91	0.01	0.02	0.74	100.0	0	15
Cr	pm10	0.88	0.73	0.67	2.60	0.10	0.80	2.40	100.0	9	15
Cu	pm10	0.87	0.43	0.81	1.51	0.43	0.75	2.07	100.0	0	15
Fe-57	pm10	46.35	34.65	37.01	2.17	6.30	34.30	122.30	100.0	0	15
Hg	air	1.40	0.17	1.41	1.11	0.98	1.40	5.50	71.9	0	5067
Hg	pm25	3.27	3.13	2.20	2.60	0.23	2.36	45.12	21.8	57	954
Mn	pm10	1.12	0.69	0.96	1.82	0.35	0.83	2.77	100.0	0	15
Ni-60	pm10	0.23	0.13	0.22	1.66	0.07	0.20	0.62	100.0	0	15
Pb	pm10	1.03	0.36	0.97	1.43	0.54	0.99	1.73	100.0	0	15
RGM	air	1.14	1.05	0.80	2.40	0.23	0.87	8.61	21.7	227	952
Se	pm10	0.26	0.08	0.25	1.35	0.16	0.24	0.45	100.0	0	15
V	pm10	0.32	0.12	0.30	1.50	0.13	0.29	0.53	100.0	0	15
Zn	pm10	3.59	1.33	3.20	1.56	1.13	3.64	6.17	100.0	0	15

GB1055R Chilbolton Observatory
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.63	0.20	0.60	1.40	0.30	0.61	0.94	99.9	0	14
Cd	pm10	0.09	0.03	0.09	1.33	0.06	0.09	0.15	99.9	0	14
Co	pm10	0.05	0.02	0.05	1.53	0.02	0.04	0.08	99.9	0	14
Cr	pm10	1.14	0.60	0.94	1.79	0.40	1.00	2.00	99.9	7	14
Cu	pm10	2.77	0.92	2.54	1.44	1.40	2.96	4.29	99.9	0	14
Fe-57	pm10	113.84	48.85	100.15	1.58	39.70	96.85	216.90	99.9	0	14
Mn	pm10	2.70	1.15	2.39	1.55	1.17	2.55	5.38	99.9	0	14
Ni-60	pm10	0.51	0.16	0.46	1.49	0.17	0.49	0.71	99.9	0	14
Pb	pm10	3.57	1.21	3.33	1.45	1.52	3.47	5.63	99.9	0	14
Se	pm10	0.47	0.13	0.44	1.31	0.26	0.45	0.71	99.9	0	14
TGM	air	1.47	0.15	1.47	1.11	0.99	1.46	2.27	22.9	0	2003
V	pm10	0.75	0.26	0.68	1.47	0.34	0.72	1.08	99.9	0	14
Zn	pm10	9.51	2.52	9.02	1.32	4.83	9.13	14.74	99.9	0	14

HU0002R K-puszta
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Cd	aerosol	0.17	0.09	0.15	1.91	0.01	0.15	0.40	86.0	1	53
Pb	aerosol	7.48	4.77	6.22	1.97	0.24	6.72	30.27	86.0	1	53

IS0002R Irafoss
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Fe	aerosol	109.51	256.74	26.07	5.38	1.00	24.00	1990.00	89.7	72	328

IS0091R Storhofdi
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	aerosol	169.63	177.56	101.20	3.00	14.30	117.20	691.30	80.8	0	21
As	aerosol	0.03	0.03	0.03	2.18	0.00	0.02	0.10	80.8	0	21
Cd	aerosol	0.00	0.00	0.00	2.23	0.00	0.00	0.02	80.8	0	21
Co	aerosol	0.11	0.12	0.07	2.89	0.01	0.07	0.46	80.8	0	21
Cr	aerosol	0.36	0.36	0.24	2.67	0.04	0.21	1.34	80.8	0	21
Cu	aerosol	0.50	0.36	0.40	2.04	0.11	0.34	1.37	80.8	0	21
Fe	aerosol	236.62	267.20	129.34	3.29	15.50	149.20	1010.80	80.8	0	21
Hg	aerosol	4.33	4.71	3.04	2.32	0.65	2.78	18.19	76.7	0	20
Mn	aerosol	4.38	4.91	2.52	3.02	0.51	2.81	18.00	80.8	0	21
Ni	aerosol	0.52	0.43	0.41	2.19	0.10	0.41	1.76	80.8	0	21
Pb	aerosol	0.11	0.12	0.07	2.64	0.01	0.08	0.48	80.8	0	21
V	aerosol	0.95	0.90	0.63	2.62	0.11	0.66	3.37	80.8	0	21
Zn	aerosol	1.22	0.92	0.93	2.23	0.18	0.86	3.49	80.8	0	21

IT0019R Monte Martano
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
Al	pm10	157.02	205.93	73.03	3.93	5.00	88.20	1022.60	21.4	0	39
As	pm10	0.14	0.09	0.11	2.16	0.01	0.12	0.37	21.4	0	39
Ba	pm10	1.83	1.56	1.30	2.38	0.25	1.33	6.48	21.4	0	39
Cd	pm10	0.04	0.04	0.03	2.21	0.01	0.03	0.19	21.4	0	39
Co	pm10	0.06	0.06	0.04	2.31	0.02	0.05	0.27	21.4	0	39
Cr	pm10	1.20	0.73	0.97	2.03	0.25	1.09	3.31	21.4	0	39
Cu	pm10	2.09	2.11	1.40	2.51	0.50	1.74	11.50	21.4	0	39
Fe	pm10	136.70	135.49	89.12	2.63	10.30	87.20	552.50	21.4	0	39
La	pm10	0.13	0.12	0.09	2.35	0.02	0.09	0.58	21.4	0	39
Mn	pm10	3.38	2.65	2.50	2.34	0.25	2.48	12.46	21.4	0	39
Mo	pm10	0.35	0.22	0.31	1.56	0.25	0.25	1.19	21.4	0	39
Ni	pm10	0.70	0.51	0.55	2.04	0.25	0.62	2.38	21.4	0	39
Pb	pm10	1.66	1.23	1.31	2.06	0.25	1.33	6.88	21.4	0	39
Sb	pm10	0.12	0.07	0.10	2.17	0.02	0.13	0.27	21.4	0	39
Sn	pm10	0.73	0.48	0.60	1.92	0.25	0.62	2.47	21.4	0	39
Sr	pm10	1.34	1.44	0.91	2.26	0.50	0.50	5.86	21.4	0	39
Ti	pm10	4.95	5.66	2.56	3.73	0.25	3.84	30.47	21.4	0	39
V	pm10	1.12	1.13	0.81	2.25	0.25	0.92	6.69	21.4	0	39
Zn	pm10	6.99	5.49	6.02	1.59	5.00	5.00	30.90	21.4	0	39

LV0010R Rucava
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.26	0.23	0.17	2.77	0.02	0.15	0.82	49.9	7	26
Cd	pm10	0.07	0.04	0.06	1.92	0.02	0.06	0.18	49.9	0	26
Ni	pm10	0.67	0.71	0.35	3.49	0.07	0.37	2.94	49.9	14	26
Pb	pm10	1.24	0.82	0.90	2.66	0.07	1.23	3.46	49.9	4	26

NL0008R Bilthoven
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.46	0.37	0.35	2.11	0.05	0.36	2.34	49.9	123	182
Cd	pm10	0.13	0.22	0.09	2.39	0.01	0.09	2.13	49.9	162	182
Ni	pm10	0.87	0.47	0.76	1.73	0.13	0.78	3.13	49.6	96	181
Pb	pm10	4.54	4.14	3.31	2.27	0.37	3.71	30.14	49.9	46	182
Zn	pm10	30.61	16.30	27.20	1.62	8.28	27.39	110.79	49.9	58	182

NL0644R Cabauw Wielsekade
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm25	0.38	0.28	0.30	2.17	0.00	0.34	1.27	18.9	57	69
Cd	pm25	0.11	0.09	0.08	2.25	0.00	0.08	0.44	18.9	64	69
Ni	pm25	0.59	0.32	0.50	1.83	0.05	0.49	1.41	18.9	60	69
Pb	pm25	4.15	3.40	2.99	2.45	0.11	3.36	18.50	18.9	24	69
Zn	pm25	25.92	10.50	23.73	1.55	7.96	25.33	52.07	18.9	38	69

NO0002R Birkenes II
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.17	0.11	0.13	2.23	0.01	0.15	0.64	98.4	1	52
Cd	pm10	0.03	0.03	0.02	2.30	0.00	0.03	0.14	98.4	0	52
Co	pm10	0.03	0.03	0.02	2.69	0.00	0.02	0.15	98.4	13	52
Cr	pm10	0.32	0.53	0.27	1.88	0.16	0.22	3.85	98.4	36	52
Cu	pm10	0.48	0.40	0.34	2.35	0.06	0.42	2.46	98.4	11	52
Ni	pm10	0.24	0.16	0.17	2.58	0.01	0.21	0.82	98.4	6	52
Pb	pm10	0.75	0.64	0.54	2.36	0.06	0.63	4.11	98.4	0	52
V	pm10	0.36	0.28	0.24	2.90	0.01	0.29	1.29	98.4	0	52
Zn	pm10	3.81	2.97	2.77	2.42	0.14	3.06	16.28	98.4	1	52
Hg (RGM)	air	1.45	0.18	1.43	1.14	0.63	1.44	2.24	95.8	0	8395

NO0042G Zeppelin mountain (Ny-Ã…lesund)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.03	0.03	0.01	3.25	0.00	0.01	0.13	21.9	0	41
Cd	aerosol	0.02	0.03	0.01	4.56	0.00	0.01	0.12	21.4	1	40
Co	aerosol	0.01	0.01	0.01	3.17	0.00	0.01	0.04	21.9	7	41
Cr	aerosol	0.16	0.20	0.09	2.81	0.03	0.09	1.02	21.9	18	41
Cu	aerosol	0.68	1.09	0.22	5.12	0.02	0.26	5.60	21.9	9	41
Mn	aerosol	0.49	0.53	0.26	3.44	0.03	0.32	2.41	21.9	8	41
Ni	aerosol	0.15	0.20	0.08	2.88	0.02	0.09	0.99	21.9	20	41
Pb	aerosol	0.14	0.18	0.06	4.06	0.01	0.06	0.74	21.9	1	41
V	aerosol	0.06	0.06	0.04	3.12	0.00	0.04	0.22	21.9	3	41
Zn	aerosol	1.74	2.52	0.73	3.79	0.12	0.82	10.43	21.9	13	41
Hg (RGM)	air	1.42	0.24	1.40	1.22	0.42	1.48	2.00	82.3	0	7208

NO0090R AndÃ¸ya
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.04	0.04	0.03	2.58	0.01	0.03	0.17	27.4	0	51
Cd	aerosol	0.01	0.01	0.00	3.28	0.00	0.00	0.04	27.4	3	51
Co	aerosol	0.02	0.02	0.01	3.39	0.00	0.01	0.08	27.4	0	51
Cr	aerosol	0.19	0.40	0.10	2.71	0.03	0.10	2.85	27.4	15	51
Cu	aerosol	0.19	0.17	0.14	2.33	0.06	0.13	0.70	27.4	22	51
Mn	aerosol	0.53	0.72	0.24	3.76	0.02	0.28	3.20	27.4	6	51
Ni	aerosol	0.15	0.23	0.09	2.99	0.01	0.10	1.61	27.4	5	51
Pb	aerosol	0.23	0.33	0.10	4.21	0.00	0.12	1.53	27.4	3	51
V	aerosol	0.18	0.17	0.12	2.55	0.02	0.11	0.69	27.4	0	51
Zn	aerosol	0.95	0.96	0.64	2.50	0.21	0.63	4.13	27.4	16	51
Hg (RGM)	air	1.40	0.10	1.40	1.08	0.74	1.40	1.87	95.3	0	8350

PL0005R Diabla Gora
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.16	0.19	1.90	0.00	0.20	0.70	85.5	0	52
Cd	pm10	0.10	0.08	0.08	2.31	0.01	0.09	0.32	85.5	0	52
Cr	pm10	0.45	0.30	0.38	1.80	0.10	0.35	1.87	85.5	0	52
Cu	pm10	1.42	1.82	0.83	2.86	0.09	0.98	9.87	83.8	0	51
Ni	pm10	0.25	0.20	0.18	2.41	0.02	0.23	1.24	85.5	0	52
Pb	pm10	2.61	1.96	1.94	2.26	0.40	1.80	7.90	85.5	0	52
TGM	air	1.41	0.81	1.18	1.88	0.20	1.20	4.40	14.5	1	53
Zn	pm10	11.77	7.94	9.35	2.02	2.40	9.40	31.00	85.5	0	52

PL0009R Zielonka
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.51	0.40	0.37	2.33	0.10	0.40	1.50	85.5	0	52
Cd	pm10	0.15	0.10	0.12	2.07	0.03	0.12	0.45	85.5	0	52
Ni	pm10	0.54	0.35	0.43	1.98	0.20	0.55	1.62	85.5	0	52
Pb	pm10	4.01	3.14	2.98	2.22	0.60	3.05	13.80	85.5	0	52

SE0005R BredkÃ¤len
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.08	0.07	0.06	1.99	0.03	0.05	0.23	89.0	0	12
Cd	aerosol	0.01	0.01	0.01	2.48	0.00	0.01	0.04	89.0	0	12
Co	aerosol	0.01	0.01	0.02	1.76	0.00	0.01	0.04	89.0	0	12
Cr	aerosol	0.25	0.06	0.25	1.29	0.15	0.23	0.35	89.0	0	12
Cu	aerosol	0.21	0.12	0.18	2.04	0.05	0.23	0.41	89.0	0	12
Hg	air+aerosol	1.29	0.21	1.27	1.20	0.80	1.30	1.60	13.2	0	48
Mn	aerosol	0.65	0.37	0.58	1.85	0.19	0.60	1.50	89.0	0	12
Ni	aerosol	0.11	0.04	0.11	1.37	0.07	0.11	0.23	89.0	0	12
Pb	aerosol	0.38	0.30	0.28	2.26	0.08	0.27	0.93	89.0	0	12
V	aerosol	0.14	0.09	0.12	1.90	0.05	0.12	0.35	89.0	0	12
Zn	aerosol	1.60	1.04	1.34	1.99	0.43	1.45	3.40	89.0	0	12

SE0014R RÃ¥Ã¶
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.29	0.12	0.25	1.54	0.13	0.24	0.48	87.9	0	13
Cd	aerosol	0.04	0.02	0.03	1.86	0.01	0.04	0.08	87.9	0	13
Co	aerosol	0.03	0.01	0.03	1.61	0.01	0.03	0.06	87.9	0	13
Cr	aerosol	0.54	0.15	0.49	1.35	0.29	0.48	0.71	87.9	0	13
Cu	aerosol	1.31	0.93	1.07	1.64	0.58	1.00	4.20	87.9	0	13
Hg	aerosol	8.81	5.91	7.11	1.97	2.40	6.70	22.10	6.0	0	22
Hg	air+aerosol	1.36	0.28	1.33	1.22	0.90	1.30	2.20	6.8	0	25
Mn	aerosol	1.80	0.90	1.47	1.71	0.46	1.60	4.00	87.9	0	13
Ni	aerosol	0.51	0.23	0.43	1.62	0.20	0.52	1.00	87.9	0	13
Pb	aerosol	1.38	0.77	1.06	1.89	0.40	1.10	2.50	87.9	0	13
V	aerosol	0.95	0.44	0.80	1.65	0.36	0.82	1.70	87.9	0	13
Zn	aerosol	6.33	3.20	5.07	1.81	2.20	6.00	12.00	87.9	0	13

SE0020R Hallahus
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.33	0.21	0.26	1.71	0.14	0.23	0.91	80.5	0	12
Cd	aerosol	0.05	0.02	0.04	1.74	0.01	0.04	0.09	80.5	0	12
Co	aerosol	0.04	0.02	0.04	1.74	0.01	0.04	0.08	80.5	0	12
Cr	aerosol	0.64	0.17	0.60	1.33	0.38	0.62	0.86	80.5	0	12
Cu	aerosol	1.31	0.34	1.24	1.29	0.79	1.20	1.90	80.5	0	12
Hg	air+aerosol	1.37	0.21	1.35	1.17	0.90	1.40	2.00	14.0	0	51
Mn	aerosol	3.22	2.14	2.58	1.86	0.93	2.50	8.70	80.5	0	12
Ni	aerosol	0.42	0.17	0.36	1.58	0.17	0.38	0.67	80.5	0	12
Pb	aerosol	1.76	0.79	1.48	1.64	0.64	1.25	2.90	80.5	0	12
V	aerosol	0.77	0.29	0.69	1.56	0.26	0.73	1.20	80.5	0	12
Zn	aerosol	7.24	2.52	6.54	1.43	3.90	6.25	12.00	80.5	0	12

SE0022R Norunda Stenen
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.15	0.05	0.14	1.40	0.07	0.14	0.24	93.2	0	12
Cd	aerosol	0.03	0.01	0.03	1.73	0.01	0.03	0.05	93.2	0	12
Co	aerosol	0.03	0.01	0.03	1.62	0.01	0.03	0.07	93.2	0	12
Cr	aerosol	0.79	0.35	0.73	1.42	0.51	0.67	1.80	93.2	0	12
Cu	aerosol	0.72	0.14	0.71	1.22	0.50	0.69	0.95	93.2	0	12
Mn	aerosol	1.73	1.02	1.58	1.54	0.84	1.55	4.80	93.2	0	12
Ni	aerosol	0.34	0.22	0.28	1.91	0.10	0.33	0.92	93.2	0	12
Pb	aerosol	0.96	0.44	0.85	1.69	0.28	0.84	1.70	93.2	0	12
V	aerosol	0.38	0.16	0.35	1.55	0.13	0.38	0.78	93.2	0	12
Zn	aerosol	4.79	1.77	4.42	1.54	2.20	5.25	7.00	93.2	0	12

SI0008R Iskrba
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.25	0.13	2.54	0.07	0.07	1.31	19.7	46	72
Cd	pm10	0.07	0.07	0.04	2.74	0.01	0.05	0.34	19.7	27	72
Cr	pm10	1.34	1.09	0.96	2.30	0.45	0.45	5.70	19.7	39	72
Cu	pm10	1.51	1.76	0.98	2.47	0.45	0.45	12.20	19.7	40	72
Hg	air	1.36	0.31	1.32	1.31	0.30	1.40	2.30	27.7	0	101
Ni	pm10	0.70	1.23	0.44	2.11	0.32	0.32	9.34	19.7	59	72
Pb	pm10	2.12	2.07	1.51	2.22	0.34	1.51	9.56	19.7	0	72
Zn	pm10	6.34	7.32	4.46	2.04	3.17	3.17	38.40	19.7	58	72

SK0002R Chopok
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	aerosol	0.12	0.14	0.05	4.13	0.00	0.07	0.64	94.0	22	50
Cd	aerosol	0.17	0.89	0.04	4.00	0.00	0.06	6.41	95.9	10	51
Cr	aerosol	0.49	0.95	0.10	10.79	0.00	0.34	6.58	95.9	17	51
Cu	aerosol	0.66	0.66	0.35	3.37	0.05	0.39	2.58	95.9	9	51
Ni	aerosol	0.26	0.42	0.09	4.50	0.01	0.07	1.79	94.0	22	50
Pb	aerosol	2.58	2.64	1.22	4.32	0.03	1.60	11.06	94.0	3	50
Zn	aerosol	5.21	4.72	2.61	3.96	0.15	3.41	19.49	94.0	6	50

SK0004R StarÃ¡ LesnÃ¡
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.11	0.20	1.66	0.08	0.20	0.60	99.2	0	52
Cd	pm10	0.12	0.06	0.11	1.61	0.03	0.11	0.35	99.2	0	52
Cr	pm10	0.43	0.37	0.13	9.38	0.01	0.41	1.37	99.2	16	52
Cu	pm10	1.44	0.87	1.23	1.85	0.12	1.27	4.17	99.2	0	52
Ni	pm10	0.20	0.20	0.10	3.55	0.03	0.16	0.90	99.2	21	52
Pb	pm10	4.83	3.41	4.00	1.78	1.16	3.64	18.91	99.2	0	52
Zn	pm10	10.41	6.60	8.55	1.79	1.29	8.33	34.82	99.2	0	52

SK0006R Starina
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.22	0.12	0.18	1.92	0.02	0.18	0.52	94.2	2	51
Cd	pm10	0.11	0.06	0.09	1.87	0.01	0.09	0.28	94.2	1	51
Cr	pm10	0.42	0.68	0.13	9.75	0.01	0.45	4.65	94.2	16	51
Cu	pm10	1.06	0.70	0.88	1.99	0.05	0.97	3.71	94.2	1	51
Ni	pm10	0.28	0.59	0.12	4.14	0.03	0.14	3.10	94.2	20	51
Pb	pm10	3.77	2.98	2.91	2.63	0.01	3.11	21.04	94.2	1	51
Zn	pm10	8.39	4.71	6.56	2.41	0.15	7.23	28.98	94.2	2	51

SK0007R Topolniky
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
As	pm10	0.37	0.28	0.24	2.78	0.01	0.27	1.16	89.3	2	48
Cd	pm10	0.15	0.09	0.12	1.97	0.02	0.12	0.39	89.3	0	48
Cr	pm10	0.54	0.50	0.13	10.92	0.01	0.51	2.36	89.3	16	48
Cu	pm10	2.04	1.05	1.79	1.58	0.44	1.83	6.87	89.3	0	48
Ni	pm10	0.29	0.30	0.13	3.96	0.02	0.18	1.07	89.3	16	48
Pb	pm10	7.91	4.20	6.78	1.73	2.07	6.82	22.15	89.3	0	48
Zn	pm10	13.76	7.61	11.09	1.74	4.19	10.09	30.36	89.3	0	48

Appendix C

Annual statistics for POPs in precipitation

BE0013R Houtem
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip+dry_dep	7.52	0.42	20.12	-	1	14
benz_a_anthracene	precip+dry_dep	15.28	0.84	28.50	-	1	14
benzo_a_pyrene	precip+dry_dep	9.13	0.84	100.60	-	4	14
benzo_b_fluoranthene	precip+dry_dep	18.38	0.84	50.30	-	1	14
benzo_ghi_perylene	precip+dry_dep	10.94	3.35	23.47	-	0	14
benzo_k_fluoranthene	precip+dry_dep	9.48	0.84	25.15	-	1	14
chrysene	precip+dry_dep	39.41	15.09	93.90	-	0	14
dibenzo_ah_anthracene	precip+dry_dep	4.28	0.84	15.09	-	4	14
fluoranthene	precip+dry_dep	66.13	21.80	167.67	-	0	14
fluorene	precip+dry_dep	7.08	1.68	26.83	-	4	14
inden_123cd_pyrene	precip+dry_dep	11.09	3.35	30.18	-	0	14
naphthalene	precip+dry_dep	30.12	8.38	80.48	-	0	14
pyrene	precip+dry_dep	45.77	13.41	110.66	-	0	14

CZ0003R Kosetice (NOAK)
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip	0.04	0.01	0.26	19.7	16	67
PCB_101	precip	0.01	0.01	0.01	3.6	67	67
PCB_118	precip	0.01	0.01	0.01	4.5	67	67
PCB_138	precip	0.01	0.01	0.09	4.8	63	67
PCB_153	precip	0.01	0.01	0.07	5.2	65	67
PCB_180	precip	0.01	0.01	0.05	4.3	66	67
PCB_28	precip	0.00	0.00	0.00	1.7	67	67
PCB_52	precip	0.01	0.01	0.02	3.7	66	67
acenaphthene	precip	0.39	0.04	1.84	219.5	48	67
acenaphthylene	precip	1.33	0.03	17.80	738.2	22	67
alpha_HCH	precip	0.09	0.01	0.41	49.1	6	67
anthracene	precip	0.20	0.02	3.82	110.1	55	67
benz_a_anthracene	precip	1.76	0.02	93.80	979.9	14	67
benzo_a_pyrene	precip	1.38	0.04	120.00	769.8	40	67
benzo_b_fluoranthene	precip	3.27	0.04	160.00	1818.9	17	67
benzo_ghi_perylene	precip	2.14	0.02	90.30	1190.8	16	67
benzo_k_fluoranthene	precip	1.05	0.04	64.50	585.5	40	67
beta_HCH	precip	0.03	0.01	0.09	16.3	48	67
delta_HCH	precip	0.02	0.02	0.04	9.9	66	67
dibenzo_ah_anthracene	precip	0.08	0.04	9.31	45.9	64	67
fluoranthene	precip	16.45	2.47	278.00	9155.3	0	67
fluorene	precip	7.13	1.64	44.20	3969.2	0	67
gamma_HCH	precip	0.22	0.01	0.56	124.0	1	67
inden_123cd_pyrene	precip	1.84	0.03	106.00	1025.7	28	67
naphthalene	precip	33.07	8.62	235.00	18400.4	0	67
phenanthrene	precip	21.60	6.22	172.00	12018.5	0	67
pp_DDD	precip	0.01	0.01	0.05	5.0	62	67
pp_DDE	precip	0.03	0.01	0.21	19.3	9	67
pp_DDT	precip	0.07	0.01	0.78	36.4	40	67
pyrene	precip	9.89	1.39	230.00	5503.8	0	67

DE0001R Westerland
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	0.84	0.06	4.04	-	0	13
PCB_101	precip_tot	0.15	0.01	0.90	-	0	13
PCB_118	precip_tot	0.05	0.00	0.24	-	0	13
PCB_138	precip_tot	0.12	0.00	0.77	-	0	13
PCB_153	precip_tot	0.13	0.01	0.72	-	0	13
PCB_180	precip_tot	0.04	0.00	0.23	-	0	13
PCB_28	precip_tot	0.27	0.01	1.11	-	0	13
PCB_52	precip_tot	0.18	0.01	0.62	-	0	13
aldrin	precip_tot	0.00	0.00	0.01	-	0	13
alpha_HCH	precip_tot	0.18	0.06	0.57	-	0	13
anthracene	precip_tot	3.29	0.53	13.47	-	0	13
benz_a_anthracene	precip_tot	3.27	0.69	7.67	-	0	13
benzo_a_pyrene	precip_tot	3.62	0.15	12.31	-	0	13
benzo_bjk_fluoranthenes	precip_tot	14.51	1.07	38.31	-	0	13
benzo_ghi_perylene	precip_tot	5.43	0.31	15.74	-	0	13
chrysene_triphenylene	precip_tot	11.16	1.55	35.83	-	0	13
dibenzo_ah_anthracene	precip_tot	1.04	0.04	2.66	-	0	13
dieldrin	precip_tot	0.04	0.00	0.09	-	0	13
endrin	precip_tot	0.01	0.00	0.04	-	0	13
fluoranthene	precip_tot	36.36	5.94	137.61	-	0	13
gamma_HCH	precip_tot	0.73	0.07	2.17	-	0	13
heptachlor	precip_tot	0.00	0.00	0.02	-	0	13
inden_123cd_pyrene	precip_tot	5.62	0.42	16.70	-	0	13
op_DDD	precip_tot	0.00	0.00	0.01	-	0	13
op_DDE	precip_tot	0.00	0.00	0.01	-	0	13
op_DDT	precip_tot	0.01	0.00	0.09	-	0	13
phenanthrene	precip_tot	77.71	5.48	462.88	-	0	13
pp_DDD	precip_tot	0.00	0.00	0.02	-	0	13
pp_DDE	precip_tot	0.12	0.01	0.43	-	0	13
pp_DDT	precip_tot	0.02	0.00	0.11	-	0	13
pyrene	precip_tot	21.32	3.46	86.75	-	0	13

DE0002R Waldhof
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	1.00	0.01	6.14	-	0	13
PCB_101	precip_tot	0.08	0.01	0.24	-	0	13
PCB_118	precip_tot	0.02	0.00	0.07	-	0	13
PCB_138	precip_tot	0.07	0.02	0.15	-	0	13
PCB_153	precip_tot	0.07	0.01	0.21	-	0	13
PCB_180	precip_tot	0.04	0.01	0.16	-	0	13
PCB_28	precip_tot	0.13	0.01	0.37	-	0	13
PCB_52	precip_tot	0.09	0.01	0.27	-	0	13
aldrin	precip_tot	0.00	0.00	0.01	-	0	13
alpha_HCH	precip_tot	0.16	0.02	0.50	-	0	13
anthracene	precip_tot	4.50	1.06	10.68	-	0	13
benz_a_anthracene	precip_tot	8.58	1.11	26.77	-	0	13
benzo_a_pyrene	precip_tot	9.70	1.61	29.52	-	0	13
benzo_bjk_fluoranthenes	precip_tot	40.37	5.12	124.70	-	0	13
benzo_ghi_perylene	precip_tot	13.20	2.06	52.11	-	0	13
chrysene_triphenylene	precip_tot	23.44	4.36	63.76	-	0	13
dibenzo_ah_anthracene	precip_tot	2.42	0.40	8.57	-	0	13
dieldrin	precip_tot	0.07	0.00	0.20	-	0	13
endrin	precip_tot	0.01	0.00	0.03	-	0	13
fluoranthene	precip_tot	41.48	8.04	95.01	-	0	13
gamma_HCH	precip_tot	0.69	0.26	1.68	-	0	13
heptachlor	precip_tot	0.00	0.00	0.01	-	0	13
inden_123cd_pyrene	precip_tot	14.04	2.03	54.64	-	0	13
op_DDD	precip_tot	0.01	0.00	0.02	-	0	13
op_DDE	precip_tot	0.00	0.00	0.00	-	0	13
op_DDT	precip_tot	0.05	0.00	0.20	-	0	13
phenanthrene	precip_tot	77.12	12.92	216.22	-	0	13
pp_DDD	precip_tot	0.04	0.00	0.13	-	0	13
pp_DDE	precip_tot	0.19	0.01	0.48	-	0	13
pp_DDT	precip_tot	0.31	0.02	0.93	-	0	13
pyrene	precip_tot	30.58	3.36	87.84	-	0	13

DE0003R Schauinsland
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip_tot	1.11	0.23	2.46	-	0	13
benz_a_anthracene	precip_tot	1.80	0.47	3.34	-	0	13
benzo_a_pyrene	precip_tot	2.19	0.73	3.80	-	0	13
benzo_bjk_fluoranthenes	precip_tot	9.69	2.15	15.14	-	0	13
benzo_ghi_perylene	precip_tot	3.69	1.05	6.25	-	0	13
chrysene_triphenylene	precip_tot	6.66	1.83	11.09	-	0	13
dibenzo_ah_anthracene	precip_tot	0.59	0.14	1.47	-	0	13
fluoranthene	precip_tot	13.13	4.55	22.85	-	0	13
inden_123cd_pyrene	precip_tot	3.47	0.94	6.50	-	0	13
phenanthrene	precip_tot	23.30	6.68	52.35	-	0	13
pyrene	precip_tot	8.18	2.28	13.92	-	0	13

DE0008R SchmÃ¼cke
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip_tot	3.23	0.82	17.77	-	0	13
benz_a_anthracene	precip_tot	11.49	0.97	70.64	-	0	13
benzo_a_pyrene	precip_tot	16.49	1.23	114.53	-	0	13
benzo_bjk_fluoranthenes	precip_tot	58.91	3.65	331.28	-	0	13
benzo_ghi_perylene	precip_tot	19.99	1.78	106.32	-	0	13
chrysene_triphenylene	precip_tot	34.51	3.23	186.91	-	0	13
dibenzo_ah_anthracene	precip_tot	3.72	0.31	22.64	-	0	13
fluoranthene	precip_tot	55.15	6.72	245.83	-	0	13
inden_123cd_pyrene	precip_tot	22.88	1.58	141.97	-	0	13
phenanthrene	precip_tot	68.05	10.25	234.03	-	0	13
pyrene	precip_tot	43.30	4.22	195.63	-	0	13

DE0009R Zingst
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip_tot	0.32	0.03	0.78	-	0	13
PCB_101	precip_tot	0.05	0.00	0.13	-	0	13
PCB_118	precip_tot	0.02	0.00	0.05	-	0	13
PCB_138	precip_tot	0.05	0.01	0.10	-	0	13
PCB_153	precip_tot	0.05	0.00	0.09	-	0	13
PCB_180	precip_tot	0.03	0.01	0.04	-	0	13
PCB_28	precip_tot	0.07	0.01	0.22	-	0	13
PCB_52	precip_tot	0.05	0.01	0.13	-	0	13
aldrin	precip_tot	0.00	0.00	0.01	-	0	13
alpha_HCH	precip_tot	0.10	0.01	0.17	-	0	13
anthracene	precip_tot	2.93	1.19	6.19	-	0	13
benz_a_anthracene	precip_tot	7.34	3.22	17.44	-	0	13
benzo_a_pyrene	precip_tot	8.24	2.81	20.45	-	0	13
benzo_bjk_fluoranthenes	precip_tot	33.39	12.28	119.62	-	0	13
benzo_ghi_perylene	precip_tot	10.64	4.34	33.78	-	0	13
chrysene_triphenylene	precip_tot	20.29	8.33	61.74	-	0	13
dibenzo_ah_anthracene	precip_tot	2.04	0.81	6.44	-	0	13
dieldrin	precip_tot	0.02	0.00	0.05	-	0	13
endrin	precip_tot	0.01	0.00	0.02	-	0	13
fluoranthene	precip_tot	34.69	15.43	79.26	-	0	13
gamma_HCH	precip_tot	0.46	0.20	0.91	-	0	13
heptachlor	precip_tot	0.00	0.00	0.01	-	0	13
inden_123cd_pyrene	precip_tot	11.14	4.11	37.07	-	0	13
op_DDD	precip_tot	0.01	0.00	0.04	-	0	13
op_DDE	precip_tot	0.00	0.00	0.01	-	0	13
op_DDT	precip_tot	0.10	0.02	0.24	-	0	13
phenanthrene	precip_tot	48.61	15.38	105.09	-	0	13
pp_DDD	precip_tot	0.10	0.00	0.34	-	0	13
pp_DDE	precip_tot	0.28	0.07	0.80	-	0	13
pp_DDT	precip_tot	0.62	0.12	1.74	-	0	13
pyrene	precip_tot	22.52	10.41	46.03	-	0	13

FI0018R Virolahti III
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	5.53	2.06	16.85	-	9	12
acenaphthylene	precip+dry_dep	2.01	0.53	11.11	-	7	12
anthracene	precip+dry_dep	1.82	0.20	11.98	-	5	12
benz_a_anthracene	precip+dry_dep	11.84	0.52	76.15	-	0	12
benzo_a_pyrene	precip+dry_dep	10.98	1.22	66.06	-	0	12
benzo_bjk_fluoranthenes	precip+dry_dep	44.09	2.46	283.38	-	0	12
benzo_ghi_perylene	precip+dry_dep	16.56	1.38	89.89	-	0	12
chrysene_triphenylene	precip+dry_dep	28.85	1.47	178.20	-	0	12
dibenzo_ac_ah_anthracenes	precip+dry_dep	2.14	0.24	12.77	-	0	12
fluoranthene	precip+dry_dep	45.18	3.47	263.55	-	0	12
fluorene	precip+dry_dep	7.79	3.32	26.04	-	10	12
inden_123cd_pyrene	precip+dry_dep	16.80	0.08	102.46	-	0	12
naphthalene	precip+dry_dep	7.43	4.34	19.63	-	11	12
phenanthrene	precip+dry_dep	40.93	1.83	174.73	-	0	12
pyrene	precip+dry_dep	41.89	9.42	209.60	-	0	12

FI0036R Pallas (Matorova)
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.01	0.01	0.01	-	12	12
BDE_47	precip+dry_dep	0.02	0.01	0.07	-	7	12
BDE_99	precip+dry_dep	0.02	0.01	0.05	-	8	12
HCB	precip+dry_dep	0.07	0.04	0.09	-	0	12
PCB_101	precip+dry_dep	0.01	0.01	0.02	-	12	12
PCB_118	precip+dry_dep	0.01	0.01	0.01	-	12	12
PCB_138	precip+dry_dep	0.01	0.01	0.01	-	12	12
PCB_153	precip+dry_dep	0.01	0.01	0.01	-	12	12
PCB_180	precip+dry_dep	0.01	0.01	0.01	-	12	12
PCB_28	precip+dry_dep	0.03	0.01	0.08	-	8	12
PCB_52	precip+dry_dep	0.08	0.01	0.15	-	2	12
alpha_HCH	precip+dry_dep	0.05	0.01	0.14	-	4	12
anthracene	precip+dry_dep	1.10	0.05	8.59	-	1	12
benz_a_anthracene	precip+dry_dep	4.87	1.64	6.54	-	0	3
benzo_a_pyrene	precip+dry_dep	2.99	0.24	10.48	-	0	12
benzo_b_fluoranthene	precip+dry_dep	3.82	0.30	12.87	-	0	12
benzo_ghi_perylene	precip+dry_dep	2.54	0.20	9.07	-	1	12
benzo_k_fluoranthene	precip+dry_dep	1.46	0.10	5.16	-	1	12
chrysene	precip+dry_dep	16.77	16.77	16.77	-	0	1
dibenzo_ah_anthracene	precip+dry_dep	0.55	0.10	1.49	-	1	12
fluoranthene	precip+dry_dep	8.87	0.84	40.96	-	0	12
gamma_HCH	precip+dry_dep	0.07	0.01	0.23	-	1	12
inden_123cd_pyrene	precip+dry_dep	2.78	0.20	9.97	-	4	12
phenanthrene	precip+dry_dep	14.56	1.97	63.27	-	0	12
pp_DDD	precip+dry_dep	0.01	0.01	0.06	-	11	12
pp_DDE	precip+dry_dep	0.01	0.01	0.02	-	10	12
pp_DDT	precip+dry_dep	0.01	0.01	0.01	-	12	12
pyrene	precip+dry_dep	6.22	0.25	30.11	-	1	12

FI0050R HyytiÃ¤lÃ¤
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip+dry_dep	34.09	2.43	106.39	-	1	12
acenaphthylene	precip+dry_dep	1.61	0.89	4.14	-	12	12
anthracene	precip+dry_dep	1.34	1.06	2.10	-	11	12
benz_a_anthracene	precip+dry_dep	2.91	0.46	11.74	-	0	12
benzo_a_pyrene	precip+dry_dep	2.51	0.49	8.93	-	0	12
benzo_bjk_fluoranthenes	precip+dry_dep	10.36	2.02	37.63	-	0	12
benzo_ghi_perylene	precip+dry_dep	4.50	1.50	13.27	-	0	12
chrysene_triphenylene	precip+dry_dep	7.06	1.32	23.55	-	0	12
dibenzo_ac_ah_anthracenes	precip+dry_dep	0.80	0.27	1.96	-	0	11
fluoranthene	precip+dry_dep	15.77	4.51	45.47	-	0	12
fluorene	precip+dry_dep	7.65	4.23	11.38	-	12	12
inden_123cd_pyrene	precip+dry_dep	4.36	0.18	15.41	-	0	12
naphthalene	precip+dry_dep	12.34	6.81	21.83	-	12	12
phenanthrene	precip+dry_dep	37.78	17.25	57.71	-	0	12
pyrene	precip+dry_dep	13.80	7.16	32.98	-	0	12

FR0008R Donon
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	1.85	0.43	6.78	1878.4	0	11
benzo_a_pyrene	precip	3.19	0.66	11.58	3243.0	0	11
benzo_b_fluoranthene	precip	7.04	1.90	29.29	7163.6	0	11
benzo_k_fluoranthene	precip	2.77	1.11	11.49	2815.2	0	11
dibenzo_ah_anthracene	precip	1.06	0.19	3.96	1079.1	1	11
inden_123cd_pyrene	precip	5.24	1.51	17.05	5330.1	0	11

FR0009R Revin
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	2.23	1.08	21.45	2366.5	0	13
benzo_a_pyrene	precip	3.82	1.77	38.41	4054.8	0	13
benzo_b_fluoranthene	precip	7.80	3.98	53.63	8284.7	0	13
benzo_k_fluoranthene	precip	3.08	1.62	21.45	3274.0	0	13
dibenzo_ah_anthracene	precip	1.30	0.67	9.00	1377.8	0	13
inden_123cd_pyrene	precip	6.09	3.73	36.67	6477.0	0	13

FR0013R Peyrusse Vieille
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	0.54	0.06	1.86	470.3	2	13
benzo_a_pyrene	precip	0.93	0.12	3.26	813.9	2	13
benzo_b_fluoranthene	precip	2.34	1.12	6.61	2037.8	0	13
benzo_k_fluoranthene	precip	0.75	0.12	2.51	657.6	5	13
dibenzo_ah_anthracene	precip	0.36	0.12	1.02	311.2	9	13
inden_123cd_pyrene	precip	1.79	0.41	4.56	1561.7	0	13

FR0023R Saint-Nazaire-le-DÃ©sert
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	0.58	0.09	2.93	819.6	0	12
benzo_a_pyrene	precip	0.92	0.39	4.49	1292.4	0	13
benzo_b_fluoranthene	precip	2.09	0.77	6.32	2945.8	0	13
benzo_k_fluoranthene	precip	0.88	0.35	2.73	1237.8	0	13
dibenzo_ah_anthracene	precip	0.41	0.12	1.21	584.3	5	13
inden_123cd_pyrene	precip	1.68	0.79	5.55	2376.9	0	13

FR0024R Guipry
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	2.12	0.66	43.26	1653.0	0	13
benzo_a_pyrene	precip	3.63	1.15	75.50	2827.1	0	13
benzo_b_fluoranthene	precip	5.15	2.17	91.41	4005.5	0	13
benzo_k_fluoranthene	precip	2.15	0.81	39.99	1676.6	0	13
dibenzo_ah_anthracene	precip	0.90	0.28	15.10	701.3	2	13
inden_123cd_pyrene	precip	4.04	1.40	74.27	3147.4	0	13

FR0025R Verneuil
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	1.36	0.28	5.42	1081.3	0	13
benzo_a_pyrene	precip	2.16	0.51	10.02	1714.1	0	13
benzo_b_fluoranthene	precip	4.18	1.34	13.00	3323.3	0	13
benzo_k_fluoranthene	precip	1.65	0.43	5.69	1310.5	0	13
dibenzo_ah_anthracene	precip	0.79	0.12	2.95	628.0	4	13
inden_123cd_pyrene	precip	3.48	0.82	14.60	2767.7	0	13

GB0048R Auchencorth Moss
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
1-methylnaphthalene	wetdep	436.06	45.00	1400.00	-	8	17
1-methylphenanthrene	wetdep	56.26	45.00	95.00	-	17	17
2-methylanthracene	wetdep	56.26	45.00	95.00	-	17	17
2-methylnaphthalene	wetdep	939.32	92.50	2700.00	-	6	17
2-methylphenanthrene	wetdep	56.26	45.00	95.00	-	17	17
9-methylphenanthrene	wetdep	56.26	45.00	95.00	-	17	17
acenaphthene	wetdep	249.14	45.00	890.00	-	11	17
acenaphthylene	wetdep	208.75	45.00	1600.00	-	12	17
anthanthrene	wetdep	96.53	45.00	260.00	-	14	17
anthracene	wetdep	56.26	45.00	95.00	-	17	17
benz_a_anthracene	wetdep	68.15	45.00	200.00	-	16	17
benzo_a_pyrene	wetdep	56.26	45.00	95.00	-	17	17
benzo_b_fluoranthene	wetdep	56.26	45.00	95.00	-	17	17
benzo_e_pyrene	wetdep	56.26	45.00	95.00	-	17	17
benzo_ghi_perylene	wetdep	72.75	45.00	260.00	-	16	17
benzo_k_fluoranthene	wetdep	56.26	45.00	95.00	-	17	17
biphenyl	wetdep	372.74	45.00	1000.00	-	7	17
chrysene	wetdep	71.22	45.00	240.00	-	16	17
coronene	wetdep	77.55	45.00	230.00	-	17	17
cyclopenta_cd_pyrene	wetdep	68.15	45.00	200.00	-	16	17
dibenzo_ae_pyrene	wetdep	56.26	45.00	95.00	-	17	17
dibenzo_ah_anthracene	wetdep	56.26	45.00	95.00	-	17	17
dibenzo_ah_pyrene	wetdep	56.26	45.00	95.00	-	17	17
dibenzo_ai_pyrene	wetdep	77.55	45.00	230.00	-	17	17
fluoranthene	wetdep	105.74	45.00	300.00	-	14	17
fluorene	wetdep	445.96	92.50	900.00	-	5	17
inden_123cd_pyrene	wetdep	69.68	45.00	220.00	-	16	17
naphthalene	wetdep	859.51	92.50	2400.00	-	5	17
perylene	wetdep	81.60	45.00	240.00	-	15	17
phenanthrene	wetdep	643.18	70.00	1700.00	-	4	17
pyrene	wetdep	122.61	45.00	460.00	-	14	17
retene	wetdep	86.09	70.00	140.00	-	17	17

GB1055R Chilbolton Observatory
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
1-methylnaphthalene	wetdep	387.76	45.00	1700.00	-	8	17
1-methylphenanthrene	wetdep	56.45	45.00	95.00	-	17	17
2-methylanthracene	wetdep	56.45	45.00	95.00	-	17	17
2-methylnaphthalene	wetdep	809.45	92.50	3500.00	-	6	17
2-methylphenanthrene	wetdep	56.45	45.00	95.00	-	17	17
9-methylphenanthrene	wetdep	56.45	45.00	95.00	-	17	17
acenaphthene	wetdep	216.44	45.00	750.00	-	11	17
acenaphthylene	wetdep	93.34	45.00	390.00	-	15	17
anthanthrene	wetdep	87.92	45.00	260.00	-	15	17
anthracene	wetdep	56.45	45.00	95.00	-	17	17
benz_a_anthracene	wetdep	93.34	45.00	390.00	-	15	17
benzo_a_pyrene	wetdep	66.84	45.00	180.00	-	16	17
benzo_b_fluoranthene	wetdep	66.84	45.00	180.00	-	16	17
benzo_e_pyrene	wetdep	56.45	45.00	95.00	-	17	17
benzo_ghi_perylene	wetdep	75.31	45.00	290.00	-	16	17
benzo_k_fluoranthene	wetdep	56.45	45.00	95.00	-	17	17
biphenyl	wetdep	325.86	45.00	1400.00	-	7	17
chrysene	wetdep	76.85	45.00	310.00	-	16	17
coronene	wetdep	77.73	45.00	230.00	-	17	17
cyclopenta_cd_pyrene	wetdep	66.84	45.00	180.00	-	16	17
dibenzo_ae_pyrene	wetdep	56.45	45.00	95.00	-	17	17
dibenzo_ah_anthracene	wetdep	56.45	45.00	95.00	-	17	17
dibenzo_ah_pyrene	wetdep	56.45	45.00	95.00	-	17	17
dibenzo_ai_pyrene	wetdep	77.73	45.00	230.00	-	17	17
fluoranthene	wetdep	123.63	45.00	480.00	-	14	17
fluorene	wetdep	420.43	92.50	1300.00	-	6	17
inden_123cd_pyrene	wetdep	69.92	45.00	220.00	-	16	17
naphthalene	wetdep	853.90	92.50	3300.00	-	3	17
perylene	wetdep	81.77	45.00	240.00	-	15	17
phenanthrene	wetdep	604.73	67.50	2000.00	-	5	17
pyrene	wetdep	130.20	45.00	660.00	-	15	17
retene	wetdep	86.00	67.50	140.00	-	17	17

IS0091R Storhofdi
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip	0.00	0.00	0.02	2.6	23	25
BDE_47	precip	0.01	0.00	0.04	5.9	10	25
BDE_99	precip	0.01	0.00	0.02	3.9	17	25
HCB	precip	0.01	0.01	0.09	7.6	1	24
PCB_101	precip	0.01	0.00	0.04	6.1	7	9
PCB_105	precip	0.00	0.00	0.02	2.4	25	25
PCB_118	precip	0.01	0.00	0.03	3.5	20	25
PCB_138	precip	0.01	0.00	0.05	3.7	21	25
PCB_153	precip	0.01	0.00	0.04	7.5	4	9
PCB_156	precip	0.00	0.00	0.02	2.7	24	25
PCB_180	precip	0.00	0.00	0.02	2.8	24	25
PCB_28	precip	0.01	0.01	0.05	7.4	22	25
PCB_31	precip	0.01	0.01	0.05	6.3	24	25
PCB_52	precip	0.01	0.00	0.05	4.6	16	24
alpha_HCH	precip	0.04	0.01	0.16	26.4	0	24
beta_HCH	precip	0.00	0.00	0.02	3.0	20	25
cis_CD	precip	0.00	0.00	0.02	2.9	21	25
dieldrin	precip	0.01	0.00	0.04	8.2	5	25
gamma_HCH	precip	0.02	0.00	0.10	14.9	2	24
op_DDT	precip	0.00	0.00	0.02	2.5	25	25
pp_DDD	precip	0.00	0.00	0.02	2.6	24	25
pp_DDE	precip	0.01	0.00	0.09	5.1	21	25
pp_DDT	precip	0.01	0.00	0.04	4.8	25	25
trans_CD	precip	0.00	0.00	0.02	2.4	25	25
trans_NO	precip	0.00	0.00	0.02	3.1	21	25

LV0010R Rucava
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	3.39	0.85	16.00	1079.0	7	9
benzo_a_pyrene	precip	4.16	0.50	26.10	1325.0	5	9
benzo_b_fluoranthene	precip	14.31	0.80	99.90	4557.0	5	11
benzo_k_fluoranthene	precip	9.48	1.00	99.90	3018.4	5	11
dibenzo_ah_anthracene	precip	1.53	1.40	2.60	487.3	8	9
inden_123cd_pyrene	precip	12.51	1.50	99.90	3985.6	5	11

NL0091R De Zilk
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
acenaphthene	precip	1.39	0.50	4.96	708.5	4	12
acenaphthylene	precip	1.43	0.48	3.06	730.4	3	12
anthracene	precip	1.95	0.56	7.71	996.6	2	12
benz_a_anthracene	precip	3.05	1.05	16.91	1557.5	0	12
benzo_a_pyrene	precip	4.33	1.35	32.04	2210.4	0	12
benzo_bjk_fluoranthenes	precip	13.34	4.30	87.02	6806.7	0	12
benzo_ghi_perylene	precip	4.85	1.72	26.09	2473.7	0	12
chrysene	precip	8.16	2.94	42.23	4162.3	0	12
dibenzo_ah_anthracene	precip	0.99	0.33	5.96	505.9	6	12
fluoranthene	precip	14.13	5.10	71.41	7209.7	0	12
fluorene	precip	3.15	1.17	9.33	1605.7	0	12
gamma_HCH	precip	0.48	0.20	0.85	246.2	2	12
inden_123cd_pyrene	precip	4.06	1.29	23.79	2070.0	0	12
naphthalene	precip	7.43	2.49	19.44	3793.9	0	12
phenanthrene	precip	14.41	4.80	51.08	7355.1	0	12
pyrene	precip	9.14	3.88	51.79	4662.9	0	12

NO0001R Birkenes
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
HCB	precip	0.07	0.02	0.43	101.8	28	39
PCB_101	precip	0.01	0.00	0.07	16.6	36	39
PCB_118	precip	0.01	0.00	0.03	8.7	31	39
PCB_138	precip	0.01	0.00	0.05	13.6	31	39
PCB_153	precip	0.01	0.00	0.07	18.8	33	39
PCB_180	precip	0.01	0.00	0.04	9.0	29	39
PCB_28	precip	0.01	0.00	0.05	8.5	23	39
PCB_52	precip	0.01	0.00	0.04	9.2	25	37
PCB_99	precip	0.00	0.00	0.01	2.5	28	39
alpha_HCH	precip	0.08	0.03	0.14	119.6	1	38
gamma_HCH	precip	0.16	0.04	0.55	239.0	0	39

PL0005R Diabla Gora
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip	5.17	0.60	19.70	2456.6	0	13
benzo_a_pyrene	precip	5.81	1.00	13.60	2758.6	0	13
benzo_b_fluoranthene	precip	11.71	2.80	38.00	5562.1	0	13
benzo_k_fluoranthene	precip	4.86	1.10	15.50	2307.3	0	13
dibenzo_ah_anthracene	precip	1.10	0.20	4.30	522.2	1	13
inden_123cd_pyrene	precip	9.85	2.00	33.80	4678.3	0	13

SE0014R RÃ¥Ã¶
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.10	0.01	0.38	-	2	12
BDE_209	precip+dry_dep	0.78	0.12	2.58	-	2	12
BDE_47	precip+dry_dep	0.04	0.01	0.10	-	4	12
BDE_99	precip+dry_dep	0.03	0.01	0.09	-	5	12
HCB	precip+dry_dep	0.07	0.03	0.14	-	0	13
PCB_101	precip+dry_dep	0.07	0.01	0.14	-	1	13
PCB_118	precip+dry_dep	0.07	0.01	0.16	-	1	13
PCB_138	precip+dry_dep	0.21	0.05	0.49	-	0	13
PCB_153	precip+dry_dep	0.15	0.04	0.32	-	0	13
PCB_180	precip+dry_dep	0.15	0.04	0.39	-	0	13
PCB_28	precip+dry_dep	0.05	0.01	0.16	-	6	13
PCB_52	precip+dry_dep	0.05	0.02	0.16	-	6	13
alpha_HCH	precip+dry_dep	0.02	0.01	0.06	-	5	12
anthracene	precip+dry_dep	0.64	0.15	1.82	-	0	13
benz_a_anthracene	precip+dry_dep	4.73	0.32	16.85	-	0	11
benzo_a_pyrene	precip+dry_dep	5.58	0.71	21.17	-	0	13
benzo_b_fluoranthene	precip+dry_dep	10.04	0.90	37.04	-	0	13
benzo_ghi_perylene	precip+dry_dep	7.32	0.83	28.94	-	0	13
benzo_k_fluoranthene	precip+dry_dep	3.74	0.34	12.68	-	0	13
chrysene	precip+dry_dep	13.65	2.63	31.24	-	0	10
dibenzo_ah_anthracene	precip+dry_dep	1.18	0.20	4.46	-	0	13
fluoranthene	precip+dry_dep	19.30	1.90	61.60	-	0	13
gamma_HCH	precip+dry_dep	0.06	0.01	0.15	-	3	12
inden_123cd_pyrene	precip+dry_dep	7.55	0.61	31.29	-	0	13
phenanthrene	precip+dry_dep	16.57	3.56	51.83	-	0	13
pp_DDD	precip+dry_dep	0.03	0.01	0.10	-	6	12
pp_DDE	precip+dry_dep	0.09	0.02	0.24	-	0	13
pp_DDT	precip+dry_dep	0.04	0.01	0.11	-	3	12
pyrene	precip+dry_dep	12.59	1.23	39.49	-	0	13

SE0020R Hallahus
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
anthracene	precip+dry_dep	1.05	0.17	5.31	-	0	13
benz_a_anthracene	precip+dry_dep	7.80	1.43	37.09	-	0	13
benzo_a_pyrene	precip+dry_dep	7.89	2.14	35.59	-	0	13
benzo_b_fluoranthene	precip+dry_dep	13.30	3.07	60.81	-	0	13
benzo_ghi_perylene	precip+dry_dep	8.68	1.87	37.82	-	0	13
benzo_k_fluoranthene	precip+dry_dep	5.87	1.35	28.23	-	0	13
chrysene	precip+dry_dep	18.93	7.59	71.45	-	0	13
fluoranthene	precip+dry_dep	30.78	7.79	118.46	-	0	13
inden_123cd_pyrene	precip+dry_dep	9.65	2.35	42.98	-	0	13
phenanthrene	precip+dry_dep	23.24	6.55	86.98	-	0	13
pyrene	precip+dry_dep	20.70	5.88	89.28	-	0	13

SE0022R Norunda Stenen
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
BDE_100	precip+dry_dep	0.01	0.01	0.01	-	10	10
BDE_47	precip+dry_dep	0.01	0.01	0.03	-	9	10
BDE_99	precip+dry_dep	0.01	0.01	0.01	-	10	10
HCB	precip+dry_dep	0.05	0.03	0.07	-	0	10
PCB_101	precip+dry_dep	0.01	0.01	0.01	-	10	10
PCB_118	precip+dry_dep	0.01	0.01	0.01	-	10	10
PCB_138	precip+dry_dep	0.02	0.01	0.04	-	6	10
PCB_153	precip+dry_dep	0.02	0.01	0.03	-	7	10
PCB_180	precip+dry_dep	0.01	0.01	0.01	-	10	10
PCB_28	precip+dry_dep	0.01	0.01	0.01	-	10	10
PCB_52	precip+dry_dep	0.03	0.02	0.08	-	7	10
alpha_HCH	precip+dry_dep	0.07	0.02	0.21	-	0	10
anthracene	precip+dry_dep	0.71	0.09	4.33	-	0	10
benz_a_anthracene	precip+dry_dep	5.46	0.50	39.74	-	0	10
benzo_a_pyrene	precip+dry_dep	5.96	0.78	40.37	-	0	10
benzo_b_fluoranthene	precip+dry_dep	13.12	1.28	90.95	-	0	10
benzo_ghi_perylene	precip+dry_dep	8.60	0.88	59.03	-	0	10
benzo_k_fluoranthene	precip+dry_dep	5.08	0.55	35.64	-	0	10
chrysene	precip+dry_dep	12.27	1.30	73.36	-	0	9
dibenzo_ah_anthracene	precip+dry_dep	0.48	0.05	1.27	-	1	10
fluoranthene	precip+dry_dep	19.87	2.63	101.43	-	0	10
gamma_HCH	precip+dry_dep	0.12	0.04	0.25	-	0	10
inden_123cd_pyrene	precip+dry_dep	9.42	0.91	64.13	-	0	10
phenanthrene	precip+dry_dep	14.48	3.09	57.79	-	0	10
pp_DDD	precip+dry_dep	0.01	0.01	0.01	-	10	10
pp_DDE	precip+dry_dep	0.05	0.02	0.21	-	0	10
pp_DDT	precip+dry_dep	0.02	0.01	0.05	-	6	10
pyrene	precip+dry_dep	14.16	1.65	84.00	-	0	10

SI0008R Iskrba
January 2018 - December 2018

Component	matrix	W. mean	Min	Max	Dep	Num bel	Num sampl
benz_a_anthracene	precip+dry_dep	29.62	3.22	388.83	-	29	53
benzo_a_pyrene	precip+dry_dep	23.98	0.73	292.35	-	29	53
benzo_bjk_fluoranthenes	precip+dry_dep	117.85	18.18	1248.34	-	9	53
dibenzo_ah_anthracene	precip+dry_dep	11.56	0.73	70.75	-	21	53
inden_123cd_pyrene	precip+dry_dep	36.75	0.73	409.29	-	18	53

Appendix D

Annual statistics for POPs in air

BE0013R Houtem
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.07	0.18	0.01	5.96	0.00	0.01	1.11	31.8	13	116
benzo_a_pyrene	pm10	0.11	0.25	0.02	6.13	0.00	0.02	1.43	31.8	14	116
benzo_ghi_perylene	pm10	0.15	0.29	0.04	5.45	0.00	0.04	1.52	31.8	5	116
chrysene	pm10	0.18	0.40	0.04	5.53	-0.00	0.03	2.65	31.8	0	116
fluoranthene	pm10	0.14	0.40	0.03	4.95	0.00	0.03	3.54	31.8	0	116
inden_123cd_pyrene	pm10	0.12	0.23	0.03	5.61	0.00	0.03	1.23	31.8	6	116
pyrene	pm10	0.12	0.31	0.03	4.85	-0.01	0.02	2.72	31.8	1	116

CZ0003R Kosetice (NOAK)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
HCB	air+pm10	47.01	15.50	44.86	1.35	23.95	43.59	98.45	14.2	0	52
PCB_101	air+pm10	0.95	0.51	0.82	1.75	0.28	0.91	2.18	14.2	0	52
PCB_118	air+pm10	0.27	0.16	0.22	2.01	0.02	0.26	0.67	14.2	0	52
PCB_138	air+pm10	0.91	0.46	0.80	1.69	0.23	0.83	2.17	14.2	0	52
PCB_153	air+pm10	0.48	0.24	0.41	1.89	0.03	0.43	1.05	14.2	0	52
PCB_180	air+pm10	0.31	0.13	0.28	1.63	0.07	0.31	0.75	14.2	0	52
PCB_28	air+pm10	2.85	1.35	2.50	1.73	0.79	2.88	5.76	14.2	0	52
PCB_52	air+pm10	1.68	0.84	1.45	1.77	0.45	1.72	3.47	14.2	0	52
acenaphthene	air+pm10	0.19	0.22	0.09	3.59	0.01	0.09	0.91	14.2	0	52
acenaphthylene	air+pm10	0.37	0.65	0.07	7.90	0.00	0.09	3.31	14.2	0	52
alpha_HCH	air+pm10	3.81	2.88	2.96	2.04	0.89	2.88	13.78	14.2	0	52
anthracene	air+pm10	0.09	0.16	0.02	7.83	0.00	0.02	0.94	14.2	1	52
benz_a_anthracene	air+pm10	0.39	0.69	0.09	7.08	0.00	0.10	3.37	14.2	0	52
benzo_a_pyrene	air+pm10	0.41	0.63	0.12	5.89	0.00	0.12	2.70	14.2	0	52
benzo_b_fluoranthene	air+pm10	0.52	0.79	0.16	5.28	0.01	0.15	3.33	14.2	0	52
benzo_ghi_perylene	air+pm10	0.34	0.50	0.11	4.98	0.01	0.09	2.12	14.2	0	52
benzo_k_fluoranthene	air+pm10	0.23	0.35	0.07	5.47	0.00	0.07	1.49	14.2	0	52
delta_HCH	air+pm10	0.13	0.10	0.10	2.10	0.05	0.05	0.46	14.2	0	52
dibenzo_ah_anthracene	air+pm10	0.03	0.05	0.01	5.84	0.00	0.01	0.19	14.2	1	52
fluoranthene	air+pm10	1.37	1.74	0.65	3.54	0.07	0.69	7.72	14.2	0	52
fluorene	air+pm10	1.33	1.49	0.68	3.47	0.06	0.63	6.43	14.2	0	52
gamma_HCH	air+pm10	3.78	2.51	2.95	2.15	0.41	3.30	10.48	14.2	0	52
inden_123cd_pyrene	air+pm10	0.38	0.57	0.12	5.42	0.01	0.10	2.38	14.2	0	52
naphthalene	air+pm10	1.48	2.68	0.40	5.29	0.04	0.31	14.31	14.2	0	52
pentachlorobenzene	air+pm10	6.54	3.43	5.59	1.81	1.41	6.13	14.15	14.2	0	52
phenanthrene	air+pm10	2.85	2.98	1.61	3.10	0.23	1.73	13.03	14.2	0	52
pp_DDD	air+pm10	0.54	0.36	0.39	2.72	0.02	0.51	1.44	14.2	0	52
pp_DDE	air+pm10	11.99	7.03	10.07	1.87	1.60	11.01	35.25	14.2	0	52
pp_DDT	air+pm10	3.36	2.18	2.67	2.07	0.43	2.91	10.05	14.2	0	52
pyrene	air+pm10	1.03	1.47	0.44	3.81	0.06	0.44	7.26	14.2	0	52

DE0001R Westerland
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	1.75	0.67	1.64	1.46	1.03	1.51	2.80	100.0	0	12
PCB_118	air+pm10	0.43	0.13	0.41	1.33	0.30	0.36	0.62	100.0	0	12
PCB_138	air+pm10	1.35	0.58	1.24	1.52	0.75	1.08	2.30	100.0	0	12
PCB_153	air+pm10	1.43	0.58	1.32	1.48	0.79	1.16	2.30	100.0	0	12
PCB_180	air+pm10	0.34	0.18	0.30	1.64	0.15	0.28	0.65	100.0	0	12
PCB_28	air+pm10	1.55	0.57	1.45	1.49	0.78	1.58	2.79	100.0	0	12
PCB_52	air+pm10	2.00	0.49	1.94	1.27	1.30	1.89	3.04	100.0	0	12
aldrin	air+pm10	0.00	0.01	0.00	2.58	0.00	0.00	0.02	100.0	0	12
alpha_HCH	air+pm10	3.10	0.52	3.06	1.19	2.31	3.18	3.68	100.0	0	12
anthracene	air+pm10	0.07	0.04	0.06	1.76	0.03	0.05	0.17	100.0	0	12
benz_a_anthracene	air+pm10	0.06	0.07	0.03	3.72	0.01	0.02	0.19	100.0	0	12
benzo_a_pyrene	air+pm10	0.06	0.08	0.03	3.65	0.01	0.02	0.24	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.21	0.28	0.10	3.39	0.02	0.08	0.84	100.0	0	12
benzo_ghi_perylene	air+pm10	0.07	0.08	0.04	3.01	0.01	0.03	0.25	100.0	0	12
chrysene_triphenylene	air+pm10	0.14	0.16	0.09	2.80	0.03	0.08	0.43	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.01	0.02	0.01	3.30	0.00	0.01	0.05	100.0	0	12
dieldrin	air+pm10	2.06	0.80	1.92	1.47	1.05	2.02	3.87	100.0	0	12
endrin	air+pm10	0.03	0.03	0.01	5.96	0.00	0.02	0.09	100.0	0	12
fluoranthene	air+pm10	0.86	0.46	0.75	1.74	0.35	0.82	1.71	100.0	0	12
gamma_HCH	air+pm10	7.55	2.84	7.03	1.47	3.66	6.71	12.05	100.0	0	12
inden_123cd_pyrene	air+pm10	0.08	0.10	0.04	3.35	0.01	0.03	0.31	100.0	0	12
op_DDD	air+pm10	0.13	0.05	0.12	1.52	0.06	0.12	0.20	100.0	0	12
op_DDE	air+pm10	0.16	0.04	0.15	1.34	0.09	0.15	0.24	100.0	0	12
op_DDT	air+pm10	0.41	0.20	0.37	1.57	0.23	0.32	0.79	100.0	0	12
phenanthrene	air+pm10	2.75	1.39	2.42	1.73	1.19	2.54	5.00	100.0	0	12
pp_DDD	air+pm10	0.13	0.05	0.12	1.50	0.06	0.11	0.22	100.0	0	12
pp_DDE	air+pm10	2.89	1.58	2.57	1.63	1.47	2.51	6.19	100.0	0	12
pp_DDT	air+pm10	0.65	0.27	0.60	1.49	0.32	0.51	1.11	100.0	0	12
pyrene	air+pm10	0.42	0.29	0.35	1.88	0.16	0.28	1.04	100.0	0	12

DE0002R Waldhof
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	1.82	0.66	1.70	1.51	0.75	1.98	2.72	100.0	0	12
PCB_118	air+pm10	0.41	0.13	0.39	1.38	0.25	0.44	0.58	100.0	0	12
PCB_138	air+pm10	1.17	0.45	1.08	1.50	0.58	1.20	1.81	100.0	0	12
PCB_153	air+pm10	1.18	0.46	1.10	1.51	0.56	1.26	1.95	100.0	0	12
PCB_180	air+pm10	0.29	0.11	0.27	1.46	0.15	0.27	0.52	100.0	0	12
PCB_28	air+pm10	2.10	0.54	2.04	1.30	1.44	2.07	2.99	100.0	0	12
PCB_52	air+pm10	2.19	0.43	2.15	1.23	1.49	2.17	2.79	100.0	0	12
aldrin	air+pm10	0.00	0.00	0.00	1.01	0.00	0.00	0.00	100.0	0	12
alpha_HCH	air+pm10	3.29	0.62	3.22	1.22	2.16	3.19	4.28	100.0	0	12
anthracene	air+pm10	0.05	0.05	0.03	3.11	0.01	0.03	0.18	100.0	0	12
benz_a_anthracene	air+pm10	0.13	0.18	0.05	5.51	0.00	0.04	0.61	100.0	0	12
benzo_a_pyrene	air+pm10	0.15	0.21	0.06	5.05	0.01	0.05	0.72	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.49	0.70	0.18	5.20	0.02	0.17	2.42	100.0	0	12
benzo_ghi_perylene	air+pm10	0.16	0.20	0.06	4.74	0.01	0.07	0.69	100.0	0	12
chrysene_triphenylene	air+pm10	0.26	0.32	0.12	4.21	0.02	0.10	1.08	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.03	0.04	0.01	4.81	0.00	0.01	0.14	100.0	0	12
dieldrin	air+pm10	3.13	1.71	2.66	1.85	1.02	2.97	6.52	100.0	0	12
endrin	air+pm10	0.04	0.04	0.01	6.90	0.00	0.03	0.11	100.0	0	12
fluoranthene	air+pm10	0.90	0.92	0.58	2.66	0.21	0.45	3.20	100.0	0	12
gamma_HCH	air+pm10	11.47	3.05	11.06	1.32	6.82	11.52	16.18	100.0	0	12
inden_123cd_pyrene	air+pm10	0.18	0.23	0.07	4.85	0.01	0.07	0.80	100.0	0	12
op_DDD	air+pm10	0.21	0.14	0.17	1.91	0.05	0.18	0.59	100.0	0	12
op_DDE	air+pm10	0.38	0.17	0.34	1.59	0.14	0.37	0.75	100.0	0	12
op_DDT	air+pm10	2.28	1.03	1.95	1.92	0.39	2.54	3.75	100.0	0	12
phenanthrene	air+pm10	3.24	3.64	2.08	2.60	0.72	1.70	13.17	100.0	0	12
pp_DDD	air+pm10	0.33	0.18	0.28	1.76	0.10	0.28	0.75	100.0	0	12
pp_DDE	air+pm10	11.04	5.38	9.77	1.72	2.73	10.67	23.98	100.0	0	12
pp_DDT	air+pm10	3.63	1.68	3.13	1.87	0.74	3.83	5.84	100.0	0	12
pyrene	air+pm10	0.56	0.62	0.31	3.17	0.07	0.24	2.12	100.0	0	12

DE0003R Schauinsland
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+pm10	0.02	0.01	0.02	2.06	0.00	0.02	0.05	100.0	0	12
benz_a_anthracene	air+pm10	0.04	0.06	0.01	3.99	0.00	0.01	0.19	100.0	0	12
benzo_a_pyrene	air+pm10	0.04	0.07	0.02	3.02	0.01	0.02	0.21	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.15	0.22	0.08	3.20	0.02	0.05	0.69	100.0	0	12
benzo_ghi_perylene	air+pm10	0.05	0.07	0.03	2.92	0.01	0.02	0.23	100.0	0	12
chrysene_triphenylene	air+pm10	0.09	0.12	0.05	3.18	0.01	0.03	0.35	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.01	0.02	0.00	3.41	0.00	0.00	0.06	100.0	0	12
fluoranthene	air+pm10	0.33	0.24	0.27	1.88	0.11	0.25	0.88	100.0	0	12
inden_123cd_pyrene	air+pm10	0.06	0.09	0.03	3.24	0.01	0.02	0.29	100.0	0	12
phenanthrene	air+pm10	1.25	0.59	1.12	1.71	0.35	1.27	2.44	100.0	0	12
pyrene	air+pm10	0.18	0.18	0.14	2.17	0.06	0.11	0.55	100.0	0	12

DE0008R SchmÃ¼cke
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+pm10	0.19	0.37	0.08	3.04	0.02	0.06	1.33	100.0	0	12
benz_a_anthracene	air+pm10	0.11	0.15	0.05	4.17	0.01	0.04	0.46	100.0	0	12
benzo_a_pyrene	air+pm10	0.11	0.13	0.05	4.02	0.00	0.04	0.41	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.32	0.34	0.18	3.35	0.03	0.12	0.94	100.0	0	12
benzo_ghi_perylene	air+pm10	0.10	0.11	0.06	3.29	0.01	0.04	0.32	100.0	0	12
chrysene_triphenylene	air+pm10	0.22	0.25	0.12	3.29	0.03	0.08	0.73	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.02	0.02	0.01	3.56	0.00	0.01	0.06	100.0	0	12
fluoranthene	air+pm10	1.01	1.02	0.68	2.51	0.18	0.58	3.71	100.0	0	12
inden_123cd_pyrene	air+pm10	0.12	0.14	0.07	3.53	0.01	0.04	0.39	100.0	0	12
phenanthrene	air+pm10	3.41	2.26	2.72	2.11	0.81	2.88	7.99	100.0	0	12
pyrene	air+pm10	0.69	0.83	0.44	2.56	0.12	0.34	3.05	100.0	0	12

DE0009R Zingst
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_101	air+pm10	1.00	0.33	0.94	1.46	0.50	1.13	1.50	100.0	0	12
PCB_118	air+pm10	0.31	0.11	0.29	1.41	0.18	0.32	0.57	100.0	0	12
PCB_138	air+pm10	0.75	0.35	0.68	1.58	0.33	0.74	1.58	100.0	0	12
PCB_153	air+pm10	0.73	0.26	0.69	1.45	0.40	0.78	1.29	100.0	0	12
PCB_180	air+pm10	0.18	0.06	0.17	1.40	0.09	0.18	0.33	100.0	0	12
PCB_28	air+pm10	1.77	0.41	1.71	1.32	0.90	1.86	2.31	74.8	0	9
PCB_52	air+pm10	1.52	0.33	1.48	1.26	0.94	1.59	2.05	100.0	0	12
aldrin	air+pm10	0.00	0.01	0.00	3.23	0.00	0.00	0.04	100.0	0	12
alpha_HCH	air+pm10	3.04	0.61	2.98	1.23	1.91	2.97	4.17	100.0	0	12
anthracene	air+pm10	0.07	0.05	0.06	1.75	0.02	0.06	0.20	100.0	0	12
benz_a_anthracene	air+pm10	0.21	0.30	0.07	5.52	0.01	0.07	1.06	100.0	0	12
benzo_a_pyrene	air+pm10	0.24	0.36	0.08	5.67	0.01	0.09	1.23	100.0	0	12
benzo_bjk_fluoranthenes	air+pm10	0.75	1.04	0.27	5.13	0.02	0.28	3.50	100.0	0	12
benzo_ghi_perylene	air+pm10	0.22	0.28	0.10	4.21	0.01	0.11	0.95	100.0	0	12
chrysene_triphenylene	air+pm10	0.41	0.54	0.19	3.90	0.03	0.16	1.86	100.0	0	12
dibenzo_ah_anthracene	air+pm10	0.04	0.05	0.02	4.89	0.00	0.02	0.18	100.0	0	12
dieldrin	air+pm10	1.60	0.81	1.40	1.71	0.63	1.44	3.14	100.0	0	12
endrin	air+pm10	0.02	0.03	0.00	4.49	0.00	0.00	0.07	100.0	0	12
fluoranthene	air+pm10	1.29	1.25	0.85	2.56	0.26	0.63	4.25	100.0	0	12
gamma_HCH	air+pm10	9.34	3.39	8.65	1.53	4.48	10.32	14.21	100.0	0	12
inden_123cd_pyrene	air+pm10	0.25	0.32	0.11	4.55	0.01	0.12	1.09	100.0	0	12
op_DDD	air+pm10	0.49	0.39	0.36	2.26	0.12	0.32	1.18	100.0	0	12
op_DDE	air+pm10	0.54	0.18	0.51	1.46	0.23	0.54	0.80	100.0	0	12
op_DDT	air+pm10	2.88	1.63	2.37	2.01	0.66	3.06	5.45	100.0	0	12
phenanthrene	air+pm10	3.67	3.18	2.64	2.32	1.11	2.48	10.52	100.0	0	12
pp_DDD	air+pm10	1.00	0.84	0.71	2.43	0.21	0.65	2.52	100.0	0	12
pp_DDE	air+pm10	10.75	4.15	9.97	1.50	4.95	10.92	19.49	100.0	0	12
pp_DDT	air+pm10	6.24	3.33	5.28	1.90	1.44	6.38	11.24	100.0	0	12
pyrene	air+pm10	0.84	0.89	0.53	2.64	0.17	0.38	3.08	100.0	0	12

DK0010G Villum Research Station, Station Nord
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_138	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_153	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_154	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_183	air	0.02	0.00	0.02	1.00	0.02	0.02	0.02	22.5	12	12
BDE_28	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
BDE_47	air	0.08	0.05	0.07	1.92	0.02	0.07	0.21	22.5	0	12
BDE_66	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_71	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_85	air	0.01	0.00	0.01	1.00	0.01	0.01	0.01	22.5	12	12
BDE_99	air	0.04	0.03	0.04	1.90	0.02	0.04	0.13	22.5	6	12
HCB	air	34.28	3.51	34.18	1.11	28.30	34.80	40.10	22.5	0	12
aldrin	air	0.09	0.30	0.00	9.05	0.00	0.00	1.03	22.5	11	12
alpha_HCH	air	2.25	0.57	2.18	1.31	1.33	2.20	3.11	22.5	0	12
beta_HCH	air	0.03	0.04	0.08	1.35	0.00	0.00	0.12	22.5	0	12
cis_CD	air	0.32	0.09	0.31	1.31	0.20	0.34	0.55	22.5	0	12
cis_NO	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
dieldrin	air	0.81	0.29	0.77	1.41	0.47	0.69	1.39	22.5	0	12
endosulfan	air	0.25	0.22	0.35	1.47	0.00	0.28	0.71	22.5	4	12
endrin	air	0.00	0.00	0.00	1.00	0.00	0.00	0.00	22.5	12	12
gamma_HCH	air	0.49	0.20	0.44	1.56	0.21	0.47	0.87	22.5	0	12
heptachlor	air	0.08	0.02	0.08	1.37	0.05	0.10	0.12	22.5	0	12
heptachlorepoxide	air	0.33	0.07	0.32	1.30	0.16	0.34	0.43	22.5	0	12
op_DDE	air	0.06	0.02	0.06	1.39	0.04	0.06	0.13	22.5	0	12
op_DDT	air	0.17	0.06	0.16	1.39	0.11	0.14	0.31	22.5	0	12
pp_DDD	air	0.12	0.06	0.11	1.68	0.05	0.12	0.23	22.5	0	12
pp_DDE	air	0.25	0.18	0.19	2.21	0.06	0.19	0.64	22.5	0	12
pp_DDT	air	0.24	0.07	0.23	1.36	0.14	0.24	0.41	22.5	0	12
trans_CD	air	0.13	0.07	0.12	1.55	0.06	0.12	0.31	22.5	0	12
trans_NO	air	0.21	0.10	0.19	1.69	0.06	0.21	0.44	22.5	0	12

EE0009R Lahemaa
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benzo_a_pyrene	pm10	0.14	0.24	0.04	5.80	0.01	0.06	1.17	99.8	17	53

ES0001R San Pablo de los Montes
January 2018 - December 2018

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
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.01	0.01	2.18	0.00	0.00	0.02	96.7	5	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.23	0.00	0.00	0.00	96.7	11	12
benzo_a_pyrene	pm10	0.00	0.00	0.00	1.80	0.00	0.00	0.01	96.7	9	12
benzo_ghi_perylene	pm10	0.01	0.01	0.01	2.20	0.00	0.01	0.02	96.7	3	12
benzo_k_fluoranthene	pm10	0.01	0.01	0.00	2.66	0.00	0.00	0.02	96.7	7	12
chrysene	pm10	0.01	0.01	0.00	2.16	0.00	0.00	0.02	96.7	4	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.00	0.00	0.00	0.00	96.7	12	12
fluorene	pm10	0.00	0.01	0.02	1.18	0.00	0.00	0.02	96.7	10	12
inden_123cd_pyrene	pm10	0.01	0.02	0.01	3.19	0.00	0.01	0.07	96.7	4	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	2.29	0.00	0.01	0.03	96.7	3	12
pyrene	pm10	0.00	0.00	0.00	1.80	0.00	0.00	0.01	96.7	8	12

ES0007R VÃ-znar
January 2018 - December 2018

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	0.01	0.01	3.05	0.00	0.00	0.03	96.7	11	12
anthracene	pm10	0.00	0.01	0.00	3.06	0.00	0.00	0.02	96.7	6	12
benz_a_anthracene	pm10	0.01	0.01	0.00	2.49	0.00	0.00	0.03	96.7	8	12
benzo_a_pyrene	pm10	0.01	0.02	0.01	3.54	0.00	0.00	0.05	96.7	7	12
benzo_ghi_perylene	pm10	0.06	0.17	0.01	4.46	0.00	0.01	0.61	96.7	2	12
benzo_k_fluoranthene	pm10	0.05	0.14	0.01	5.27	0.00	0.01	0.51	96.7	4	12
chrysene	pm10	0.02	0.02	0.01	2.83	0.00	0.01	0.05	96.7	1	12
dibenzo_ah_anthracene	pm10	0.01	0.02	0.00	3.25	0.00	0.00	0.06	96.7	11	12
inden_123cd_pyrene	pm10	0.08	0.22	0.01	5.19	0.00	0.01	0.77	96.7	2	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	2.71	0.00	0.00	0.02	96.7	7	12
pyrene	pm10	0.01	0.01	0.01	2.43	0.00	0.01	0.04	96.7	4	12

ES0008R Niembro
January 2018 - December 2018

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
acenaphthylene	pm10	0.00	0.00	-	-	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.00	0.00	2.77	0.00	0.00	0.01	96.7	7	12
benz_a_anthracene	pm10	0.01	0.00	0.01	2.06	0.00	0.01	0.02	96.7	3	12
benzo_a_pyrene	pm10	0.01	0.01	0.01	2.65	0.00	0.01	0.03	96.7	4	12
benzo_ghi_perylene	pm10	0.03	0.02	0.02	2.08	0.01	0.02	0.07	96.7	0	12
benzo_k_fluoranthene	pm10	0.03	0.02	0.02	2.20	0.00	0.03	0.08	96.7	0	12
chrysene	pm10	0.03	0.01	0.02	1.81	0.01	0.02	0.04	96.7	0	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.86	0.00	0.00	0.01	96.7	8	12
inden_123cd_pyrene	pm10	0.06	0.08	0.03	2.54	0.01	0.03	0.30	96.7	0	12
naphthalene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
phenanthrene	pm10	0.02	0.02	0.02	2.17	0.01	0.02	0.06	96.7	0	12
pyrene	pm10	0.01	0.01	0.01	1.84	0.00	0.01	0.02	96.7	2	12

ES0012R Zarra
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
acenaphthylene	pm10	0.00	0.00	0.01	1.00	0.00	0.00	0.01	96.7	12	12
anthracene	pm10	0.00	0.00	0.00	2.85	0.00	0.00	0.01	96.7	7	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.59	0.00	0.00	0.01	96.7	11	12
benzo_a_pyrene	pm10	0.00	0.00	0.00	1.59	0.00	0.00	0.01	96.7	10	12
benzo_ghi_perylene	pm10	0.01	0.01	0.00	2.77	0.00	0.00	0.03	96.7	6	12
benzo_k_fluoranthene	pm10	0.02	0.03	0.01	4.44	0.00	0.00	0.10	96.7	6	12
chrysene	pm10	0.01	0.02	0.00	3.02	0.00	0.00	0.07	96.7	6	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	2.75	0.00	0.00	0.01	96.7	10	12
inden_123cd_pyrene	pm10	0.02	0.03	0.01	4.05	0.00	0.01	0.09	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	0.00	1.72	0.00	0.00	0.01	96.7	10	12
pyrene	pm10	0.00	0.00	0.00	1.46	0.00	0.00	0.01	96.7	10	12

ES0014R Els Torms
January 2018 - December 2018

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
acenaphthylene	pm10	0.00	0.01	0.01	2.33	0.00	0.00	0.03	96.7	11	12
anthracene	pm10	0.00	0.00	0.00	2.65	0.00	0.00	0.01	96.7	8	12
benz_a_anthracene	pm10	0.00	0.00	0.00	1.80	0.00	0.00	0.01	96.7	9	12
benzo_a_pyrene	pm10	0.01	0.00	0.00	2.12	0.00	0.01	0.02	96.7	5	12
benzo_ghi_perylene	pm10	0.01	0.01	0.01	2.53	0.00	0.00	0.02	96.7	6	12
benzo_k_fluoranthene	pm10	0.01	0.02	0.01	3.14	0.00	0.01	0.07	96.7	5	12
chrysene	pm10	0.01	0.01	0.00	2.51	0.00	0.01	0.03	96.7	5	12
dibenzo_ah_anthracene	pm10	0.00	0.00	0.00	1.93	0.00	0.00	0.01	96.7	11	12
inden_123cd_pyrene	pm10	0.01	0.01	0.01	2.83	0.00	0.01	0.03	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	0.01	0.01	2.22	0.00	0.00	0.02	96.7	7	12
pyrene	pm10	0.00	0.00	0.00	1.79	0.00	0.00	0.01	96.7	10	12

FI0018R Virolahti III
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.03	0.03	0.01	5.16	0.00	0.02	0.10	83.3	0	11
benz_a_anthracene	pm10	0.12	0.12	0.07	3.45	0.01	0.11	0.30	83.3	0	11
benzo_a_pyrene	pm10	0.14	0.13	0.09	2.98	0.03	0.13	0.34	83.3	0	11
benzo_bjk_fluoranthenes	pm10	0.36	0.33	0.22	3.01	0.05	0.33	0.86	83.3	0	11
benzo_ghi_perylene	pm10	0.16	0.15	0.11	2.92	0.02	0.14	0.39	83.3	0	11
chrysene	pm10	0.19	0.18	0.12	2.91	0.03	0.16	0.46	83.3	0	11
dibenzo_ac_ah_anthracenes	pm10	0.02	0.01	0.02	1.63	0.01	0.01	0.04	83.3	0	11
fluoranthene	pm10	0.43	0.44	0.25	3.28	0.05	0.35	1.21	83.3	0	11
inden_123cd_pyrene	pm10	0.12	0.10	0.09	2.50	0.02	0.11	0.29	83.3	0	11
phenanthrene	pm10	0.34	0.42	0.14	4.39	0.03	0.18	1.21	83.3	0	11
pyrene	pm10	0.38	0.37	0.23	3.06	0.04	0.31	1.03	83.3	0	11

FI0036R Pallas (Matorova)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.01	0.01	0.01	1.45	0.01	0.01	0.03	98.4	11	13
BDE_153	air+aerosol	0.01	0.00	0.01	1.10	0.01	0.01	0.02	98.4	13	13
BDE_154	air+aerosol	0.02	0.00	0.02	1.17	0.02	0.02	0.04	98.4	13	13
BDE_209	air+aerosol	0.49	0.54	0.26	3.25	0.06	0.26	1.77	90.7	3	11
BDE_47	air+aerosol	0.05	0.07	0.03	2.73	0.01	0.03	0.28	98.4	5	13
BDE_85	air+aerosol	0.02	0.01	0.02	1.28	0.01	0.01	0.03	98.4	12	13
BDE_99	air+aerosol	0.02	0.03	0.02	1.72	0.01	0.02	0.11	98.4	12	13
FTS_6-2	air+aerosol	0.06	0.03	0.06	1.37	0.05	0.05	0.13	90.1	11	13
HCB	air+aerosol	21.11	16.65	18.94	2.18	4.40	20.00	63.00	98.4	0	13
PCB_101	air+aerosol	0.30	0.25	0.26	1.69	0.15	0.22	1.09	98.4	0	13
PCB_118	air+aerosol	0.12	0.09	0.09	2.37	0.01	0.10	0.36	98.4	2	13
PCB_138	air+aerosol	0.09	0.10	0.06	2.43	0.01	0.06	0.37	98.4	3	13
PCB_153	air+aerosol	0.13	0.10	0.11	1.66	0.06	0.10	0.45	98.4	0	13
PCB_180	air+aerosol	0.02	0.01	0.02	1.66	0.01	0.01	0.06	98.4	9	13
PCB_28	air+aerosol	0.51	0.26	0.50	1.43	0.35	0.47	1.34	98.4	0	13
PCB_52	air+aerosol	0.59	0.44	0.52	1.62	0.30	0.54	1.98	98.4	0	13
PFBA	air+aerosol	0.71	1.03	0.33	3.90	0.05	0.22	3.83	90.1	2	13
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
PFDcA	air+aerosol	0.06	0.02	0.06	1.35	0.05	0.05	0.11	90.1	9	13
PFDcS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
PFHpA	air+aerosol	0.05	0.01	0.05	1.15	0.05	0.05	0.08	90.1	10	13
PFHxA	air+aerosol	0.10	0.13	0.10	2.20	0.05	0.07	0.40	90.1	4	13
PFHxS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
PFNA	air+aerosol	0.05	0.00	0.05	1.06	0.05	0.05	0.06	90.1	12	13
PFOA	air+aerosol	0.10	0.11	0.10	1.96	0.05	0.07	0.34	90.1	1	13
PFOS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
PFUnA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	90.1	13	13
alpha_HCH	air+aerosol	2.17	1.27	1.69	2.47	0.25	2.55	4.32	98.4	0	13
alpha_endosulfan	air+aerosol	0.26	0.24	0.21	2.15	0.06	0.25	0.92	90.7	0	11
anthracene	air+aerosol	0.00	0.00	0.00	1.89	0.00	0.00	0.01	98.4	0	13
anthracene	pm10	0.00	0.00	0.00	2.41	0.00	0.00	0.01	99.7	0	13
benz_a_anthracene	air+aerosol	0.01	0.01	0.01	3.32	0.00	0.01	0.03	91.0	0	12
benz_a_anthracene	pm10	0.01	0.02	0.01	3.45	0.00	0.01	0.05	99.7	0	13
benzo_a_pyrene	air+aerosol	0.02	0.02	0.01	2.72	0.00	0.02	0.06	98.4	0	13
benzo_a_pyrene	pm10	0.02	0.02	0.02	2.52	0.01	0.01	0.07	99.7	0	13
benzo_b_fluoranthene	air+aerosol	0.02	0.02	0.01	3.23	0.00	0.01	0.06	98.4	0	13
benzo_bjk_fluoranthenes	pm10	0.05	0.06	0.03	3.68	0.00	0.02	0.19	99.7	0	13
benzo_ghi_perylene	air+aerosol	0.01	0.01	0.01	3.60	0.00	0.01	0.04	98.4	0	13
benzo_k_fluoranthene	air+aerosol	0.01	0.01	0.00	3.21	0.00	0.00	0.02	98.4	0	13
beta_endosulfan	air+aerosol	0.03	0.02	0.03	1.53	0.03	0.03	0.10	90.7	10	11
chrysene	air+aerosol	0.02	0.02	0.02	2.42	0.00	0.02	0.06	84.4	0	11
chrysene	pm10	0.03	0.03	0.02	2.60	0.00	0.01	0.08	99.7	0	13
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	2.75	0.00	0.00	0.01	98.4	0	13
fluoranthene	air+aerosol	0.09	0.09	0.07	2.48	0.02	0.04	0.24	98.4	0	13
fluoranthene	pm10	0.06	0.06	0.04	3.06	0.01	0.04	0.19	99.7	0	13
gamma_HCH	air+aerosol	0.71	0.44	0.61	1.74	0.25	0.54	1.85	98.4	0	13
inden_123cd_pyrene	air+aerosol	0.01	0.02	0.01	3.78	0.00	0.00	0.04	98.4	1	13
inden_123cd_pyrene	pm10	0.02	0.02	0.01	2.13	0.01	0.01	0.05	99.7	0	13

FI0036R Pallas (Matorova) (Cont.)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
phenanthrene	air+aerosol	0.23	0.18	0.21	1.95	0.09	0.17	0.55	98.4	0	13
phenanthrene	pm10	0.03	0.03	0.02	2.73	0.01	0.02	0.10	99.7	0	13
pp_DDD	air+aerosol	0.02	0.03	0.02	2.21	0.01	0.01	0.13	98.4	10	13
pp_DDE	air+aerosol	0.28	0.18	0.26	1.86	0.09	0.25	0.66	98.4	0	13
pp_DDT	air+aerosol	0.06	0.04	0.06	1.59	0.03	0.06	0.16	98.4	0	13
pyrene	air+aerosol	0.05	0.05	0.04	2.64	0.01	0.02	0.14	98.4	0	13
pyrene	pm10	0.07	0.04	0.06	1.70	0.04	0.04	0.16	99.7	0	13

FI0050R HyytiÃ¤lÃ¤
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	pm10	0.02	0.02	0.01	3.59	0.00	0.01	0.05	99.7	0	13
benz_a_anthracene	pm10	0.08	0.06	0.06	2.63	0.01	0.08	0.17	99.7	0	13
benzo_a_pyrene	pm10	0.10	0.07	0.08	2.36	0.03	0.10	0.22	99.7	0	13
benzo_bjk_fluoranthenes	pm10	0.23	0.18	0.17	2.54	0.04	0.23	0.54	99.7	0	13
benzo_ghi_perylene	pm10	0.11	0.08	0.08	2.72	0.02	0.11	0.25	99.7	0	13
chrysene	pm10	0.12	0.08	0.09	2.23	0.03	0.11	0.28	99.7	0	13
dibenzo_ac_ah_anthracenes	pm10	0.01	0.00	0.01	1.20	0.01	0.01	0.02	99.7	0	13
fluoranthene	pm10	0.27	0.23	0.19	2.71	0.04	0.24	0.68	99.7	0	13
inden_123cd_pyrene	pm10	0.08	0.05	0.07	2.05	0.02	0.09	0.18	99.7	0	13
phenanthrene	pm10	0.20	0.20	0.11	3.13	0.03	0.13	0.62	99.7	0	13
pyrene	pm10	0.26	0.20	0.18	2.62	0.04	0.21	0.62	99.7	0	13

FR0008R Donon
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.10	0.01	3.01	0.01	0.01	0.58	16.2	45	59
benzo_a_pyrene	pm10	0.06	0.11	0.03	2.56	0.02	0.02	0.60	16.2	45	59
benzo_b_fluoranthene	pm10	0.10	0.22	0.03	3.16	0.02	0.02	1.31	16.2	40	59
benzo_k_fluoranthene	pm10	0.05	0.08	0.03	2.31	0.02	0.02	0.43	16.2	47	59
dibenzo_ah_anthracene	pm10	0.02	0.02	0.02	1.57	0.02	0.02	0.12	16.2	54	59
inden_123cd_pyrene	pm10	0.07	0.12	0.03	2.70	0.02	0.02	0.61	16.2	41	59

FR0009R Revin
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.06	0.02	2.76	0.01	0.01	0.29	16.7	34	61
benzo_a_pyrene	pm10	0.06	0.07	0.03	2.49	0.02	0.02	0.34	16.7	39	61
benzo_b_fluoranthene	pm10	0.09	0.12	0.05	3.00	0.02	0.04	0.65	16.7	29	61
benzo_k_fluoranthene	pm10	0.04	0.05	0.03	2.15	0.02	0.02	0.25	16.7	43	61
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.42	0.02	0.02	0.08	16.7	56	61
inden_123cd_pyrene	pm10	0.07	0.08	0.04	2.75	0.02	0.02	0.40	16.7	37	61

FR0013R Peyrusse Vieille
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.01	0.02	0.01	1.76	0.01	0.01	0.16	16.4	49	60
benzo_a_pyrene	pm10	0.03	0.03	0.02	1.73	0.02	0.02	0.20	16.4	49	60
benzo_b_fluoranthene	pm10	0.05	0.07	0.03	2.32	0.02	0.02	0.49	16.4	39	60
benzo_k_fluoranthene	pm10	0.02	0.02	0.02	1.58	0.02	0.02	0.17	16.4	51	60
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.16	0.02	0.02	0.06	16.4	59	60
inden_123cd_pyrene	pm10	0.04	0.04	0.03	2.09	0.02	0.02	0.27	16.4	43	60

FR0023R Saint-Nazaire-le-DÃ©sert
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.04	0.06	0.02	2.82	0.01	0.01	0.36	16.7	37	61
benzo_a_pyrene	pm10	0.06	0.08	0.04	2.58	0.02	0.02	0.39	16.7	34	61
benzo_b_fluoranthene	pm10	0.09	0.13	0.04	3.04	0.02	0.02	0.76	16.7	32	61
benzo_k_fluoranthene	pm10	0.04	0.05	0.03	2.16	0.02	0.02	0.25	16.7	40	61
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.35	0.02	0.02	0.07	16.4	54	60
inden_123cd_pyrene	pm10	0.07	0.08	0.04	2.69	0.02	0.02	0.41	16.7	33	61

FR0024R Guipry
January 2018 - December 2018

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	0.02	2.49	0.01	0.01	0.19	16.2	36	59
benzo_a_pyrene	pm10	0.06	0.07	0.03	2.50	0.02	0.02	0.31	16.2	36	59
benzo_b_fluoranthene	pm10	0.09	0.12	0.04	3.15	0.02	0.02	0.55	16.2	32	59
benzo_k_fluoranthene	pm10	0.04	0.05	0.03	2.24	0.02	0.02	0.24	16.2	42	59
dibenzo_ah_anthracene	pm10	0.02	0.01	0.02	1.49	0.02	0.02	0.08	16.2	52	59
inden_123cd_pyrene	pm10	0.08	0.10	0.04	2.91	0.02	0.02	0.39	16.2	34	59

FR0025R Verneuil
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.07	0.33	0.02	3.03	0.01	0.01	2.55	16.7	41	61
benzo_a_pyrene	pm10	0.09	0.31	0.03	2.78	0.02	0.02	2.41	16.7	42	61
benzo_b_fluoranthene	pm10	0.12	0.33	0.04	3.12	0.02	0.04	2.52	16.7	30	61
benzo_k_fluoranthene	pm10	0.05	0.15	0.03	2.34	0.02	0.02	1.13	16.7	45	61
dibenzo_ah_anthracene	pm10	0.03	0.04	0.02	1.62	0.02	0.02	0.31	16.7	54	61
inden_123cd_pyrene	pm10	0.10	0.31	0.04	2.90	0.02	0.02	2.42	16.7	35	61

GB0014R High Muffles
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	aerosol	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
benz_a_anthracene	aerosol	0.03	0.03	0.02	3.61	0.00	0.02	0.08	100.0	5	12
benzo_a_pyrene	aerosol	0.04	0.04	0.02	4.03	0.00	0.03	0.13	100.0	5	12
benzo_b_fluoranthene	aerosol	0.09	0.10	0.03	5.20	0.00	0.05	0.30	100.0	4	12
benzo_e_pyrene	aerosol	0.07	0.07	0.04	4.30	0.00	0.03	0.20	100.0	3	12
benzo_ghi_perylene	aerosol	0.07	0.07	0.03	4.78	0.00	0.05	0.19	100.0	4	12
benzo_k_fluoranthene	aerosol	0.06	0.07	0.02	4.74	0.00	0.03	0.23	100.0	5	12
chrysene	aerosol	0.07	0.07	0.03	4.69	0.00	0.04	0.17	100.0	4	12
coronene	aerosol	0.01	0.02	0.01	2.57	0.00	0.00	0.06	100.0	9	12
cyclopenta_cd_pyrene	aerosol	0.07	0.12	0.02	5.31	0.00	0.01	0.39	100.0	6	12
dibenzo_ah_anthracene	aerosol	0.01	0.01	0.01	2.02	0.00	0.00	0.04	100.0	10	12
dibenzo_ai_pyrene	aerosol	0.01	0.01	0.01	2.28	0.00	0.00	0.04	100.0	10	12
inden_123cd_pyrene	aerosol	0.05	0.05	0.02	4.28	0.00	0.03	0.14	100.0	5	12
perylene	aerosol	0.01	0.01	0.01	1.75	0.00	0.00	0.02	100.0	10	12

GB0048R Auchencorth Moss
January 2018 - December 2018

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	1.55	0.00	0.00	0.02	100.0	11	12
benz_a_anthracene	pm10	0.01	0.01	0.01	2.24	0.00	0.00	0.03	100.0	9	12
benzo_a_pyrene	pm10	0.02	0.01	0.01	2.70	0.00	0.01	0.04	100.0	7	12
benzo_b_fluoranthene	pm10	0.04	0.04	0.02	3.77	0.00	0.03	0.10	100.0	5	12
benzo_e_pyrene	pm10	0.03	0.03	0.02	3.35	0.00	0.02	0.07	100.0	5	12
benzo_ghi_perylene	pm10	0.03	0.03	0.02	3.14	0.00	0.03	0.07	100.0	4	12
benzo_k_fluoranthene	pm10	0.02	0.02	0.01	2.80	0.00	0.01	0.06	100.0	7	12
chrysene	pm10	0.02	0.02	0.01	3.07	0.00	0.01	0.05	100.0	7	12
coronene	pm10	0.01	0.01	0.01	2.11	0.00	0.00	0.03	100.0	9	12
cyclopenta_cd_pyrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ae_pyrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ah_anthracene	pm10	0.01	0.00	0.01	1.48	0.00	0.00	0.02	100.0	11	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	1.08	0.00	0.00	0.01	100.0	12	12
dibenzo_ai_pyrene	pm10	0.01	0.01	0.01	1.59	0.00	0.00	0.02	100.0	11	12
inden_123cd_pyrene	pm10	0.03	0.02	0.02	3.09	0.00	0.02	0.07	100.0	5	12
perylene	pm10	0.01	0.01	0.01	2.03	0.00	0.00	0.03	100.0	10	12

GB1055R Chilbolton Observatory
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthanthrene	pm10	0.01	0.01	0.01	2.01	0.00	0.00	0.03	100.0	9	12
benz_a_anthracene	pm10	0.04	0.04	0.02	3.62	0.00	0.03	0.10	100.0	4	12
benzo_a_pyrene	pm10	0.06	0.05	0.04	3.28	0.00	0.05	0.14	100.0	2	12
benzo_b_fluoranthene	pm10	0.10	0.09	0.05	4.21	0.00	0.07	0.23	100.0	2	12
benzo_e_pyrene	pm10	0.08	0.06	0.05	3.65	0.00	0.07	0.17	100.0	2	12
benzo_ghi_perylene	pm10	0.08	0.06	0.06	2.88	0.00	0.07	0.18	100.0	1	12
benzo_k_fluoranthene	pm10	0.05	0.05	0.03	3.98	0.00	0.03	0.14	100.0	4	12
chrysene	pm10	0.08	0.06	0.04	3.69	0.00	0.06	0.19	100.0	2	12
coronene	pm10	0.02	0.02	0.01	3.02	0.00	0.01	0.05	100.0	7	12
cyclopenta_cd_pyrene	pm10	0.03	0.02	0.02	3.21	0.00	0.02	0.07	100.0	5	12
dibenzo_ae_pyrene	pm10	0.01	0.00	0.01	1.49	0.00	0.00	0.02	100.0	11	12
dibenzo_ah_anthracene	pm10	0.01	0.01	0.01	2.07	0.00	0.00	0.03	100.0	9	12
dibenzo_ah_pyrene	pm10	0.00	0.00	0.00	1.06	0.00	0.00	0.01	100.0	12	12
dibenzo_ai_pyrene	pm10	0.01	0.01	0.01	2.49	0.00	0.00	0.04	100.0	9	12
inden_123cd_pyrene	pm10	0.07	0.05	0.05	2.72	0.01	0.06	0.15	100.0	1	12
perylene	pm10	0.00	0.00	0.00	1.06	0.00	0.00	0.01	100.0	12	12

HR0002R Puntijarka
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	aerosol	0.13	0.24	0.05	3.71	0.01	0.05	2.11	86.8	83	317
benzo_a_pyrene	aerosol	0.13	0.14	0.10	2.01	0.01	0.10	1.14	86.8	3	317
benzo_bjk_fluoranthenes	aerosol	0.22	0.38	0.09	3.65	0.03	0.08	3.14	86.8	133	317
benzo_ghi_perylene	aerosol	0.09	0.13	0.05	3.34	0.01	0.05	0.94	86.8	85	317
chrysene	aerosol	0.18	0.34	0.07	3.65	0.01	0.06	2.88	86.8	41	317
inden_123cd_pyrene	aerosol	0.16	0.23	0.07	3.89	0.01	0.08	1.52	86.8	63	317

IS0091R Storhofdi
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
BDE_100	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
BDE_47	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
BDE_99	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
HCB	air+aerosol	7.81	1.59	7.42	1.23	5.57	7.65	9.71	15.7	0	5
PCB_101	air+aerosol	0.33	0.20	0.30	1.71	0.18	0.26	0.67	15.7	1	5
PCB_105	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
PCB_118	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
PCB_138	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
PCB_153	air+aerosol	0.44	0.19	0.36	1.65	0.20	0.40	0.60	15.7	1	5
PCB_156	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
PCB_180	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
PCB_28	air+aerosol	2.93	1.17	2.45	1.61	1.39	2.97	3.83	15.7	0	5
PCB_31	air+aerosol	2.55	1.11	2.08	1.64	1.14	2.51	3.83	15.7	0	5
PCB_52	air+aerosol	1.51	0.55	1.40	1.43	0.87	1.32	2.37	15.7	0	5
alpha_HCH	air+aerosol	1.64	0.34	1.53	1.23	1.20	1.42	1.91	15.7	0	5
beta_HCH	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
cis_CD	air+aerosol	0.55	0.23	0.45	1.68	0.20	0.50	0.82	15.7	1	5
dieldrin	air+aerosol	0.30	0.16	0.26	1.61	0.18	0.20	0.56	15.7	3	5
gamma_HCH	air+aerosol	1.59	0.34	1.49	1.24	1.20	1.55	2.00	15.7	0	5
op_DDT	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
pp_DDD	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
pp_DDE	air+aerosol	0.31	0.19	0.26	1.68	0.18	0.20	0.63	15.7	3	5
pp_DDT	air+aerosol	0.14	0.05	0.15	1.47	0.09	0.18	0.20	15.7	5	5
trans_CD	air+aerosol	0.34	0.15	0.30	1.55	0.20	0.29	0.56	15.7	2	5
trans_NO	air+aerosol	0.33	0.19	0.27	1.71	0.18	0.20	0.63	15.7	3	5

LV0010R Rucava
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.37	0.42	0.17	4.23	0.02	0.17	1.41	47.9	1	25
benzo_a_pyrene	pm10	0.30	0.32	0.11	5.92	0.00	0.19	1.07	47.9	6	25
benzo_b_fluoranthene	pm10	0.46	0.48	0.20	4.83	0.01	0.30	1.75	47.9	5	25
benzo_k_fluoranthene	pm10	0.24	0.24	0.11	4.80	0.00	0.14	0.83	47.9	5	25
dibenzo_ah_anthracene	pm10	0.06	0.05	0.03	3.38	0.01	0.05	0.17	46.0	14	24
inden_123cd_pyrene	pm10	0.40	0.42	0.17	5.49	0.01	0.26	1.46	47.9	4	25

NL0091R De Zilk
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.06	0.09	0.02	3.50	0.00	0.01	0.45	49.3	0	181
benzo_a_pyrene	pm10	0.08	0.12	0.03	3.45	0.01	0.02	0.61	49.3	0	181
benzo_bjk_fluoranthenes	pm10	0.30	0.41	0.14	3.18	0.02	0.11	1.91	49.3	0	181
benzo_ghi_perylene	pm10	0.12	0.15	0.06	3.05	0.01	0.05	0.69	49.3	0	181
chrysene	pm10	0.11	0.17	0.05	3.35	0.01	0.03	0.90	49.3	0	181
dibenzo_ah_anthracene	pm10	0.02	0.03	0.01	2.71	0.00	0.01	0.11	49.3	0	181
indeno_123cd_perylene	pm10	0.12	0.16	0.06	3.04	0.01	0.05	0.72	49.3	0	181

NO0002R Birkenes II
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.06	0.06	0.04	2.70	0.01	0.04	0.26	13.7	0	50
1-methylphenanthrene	air+aerosol	0.05	0.06	0.04	2.27	0.01	0.03	0.29	11.5	0	42
2-methylanthracene	air+aerosol	0.00	0.01	0.00	1.85	0.00	0.00	0.03	7.1	24	26
2-methylnaphthalene	air+aerosol	0.08	0.07	0.05	2.47	0.01	0.06	0.28	13.7	0	50
2-methylphenanthrene	air+aerosol	0.08	0.07	0.06	2.08	0.01	0.06	0.33	13.7	0	50
3-methylphenanthrene	air+aerosol	0.07	0.06	0.05	2.06	0.01	0.05	0.29	13.7	0	50
9-methylphenanthrene	air+aerosol	0.03	0.03	0.02	2.02	0.00	0.02	0.16	13.7	0	50
BDE_100	air+aerosol	0.01	0.00	0.01	1.46	0.00	0.01	0.01	48.2	0	12
BDE_119	air+aerosol	0.00	0.00	0.00	1.36	0.00	0.00	0.00	44.4	7	11
BDE_138	air+aerosol	0.00	0.00	0.00	1.24	0.00	0.00	0.00	48.2	8	12
BDE_153	air+aerosol	0.01	0.00	0.01	1.69	0.00	0.01	0.01	43.8	1	11
BDE_154	air+aerosol	0.00	0.00	0.00	1.82	0.00	0.01	0.01	48.2	0	12
BDE_183	air+aerosol	0.01	0.01	0.01	1.92	0.00	0.01	0.04	48.2	0	12
BDE_196	air+aerosol	0.00	0.00	0.00	1.24	0.00	0.00	0.01	43.8	10	11
BDE_206	air+aerosol	0.06	0.04	0.06	1.67	0.03	0.05	0.13	48.2	2	12
BDE_209	air+aerosol	0.96	1.04	0.56	2.75	0.14	0.37	3.04	48.2	0	12
BDE_28	air+aerosol	0.01	0.00	0.01	1.40	0.00	0.01	0.01	48.2	0	12
BDE_47	air+aerosol	0.04	0.01	0.04	1.33	0.02	0.04	0.06	48.2	1	12
BDE_49	air+aerosol	0.01	0.00	0.01	1.48	0.00	0.01	0.01	48.2	0	12
BDE_66	air+aerosol	0.00	0.00	0.00	1.46	0.00	0.00	0.01	40.0	0	10
BDE_71	air+aerosol	0.00	0.00	0.00	1.22	0.00	0.00	0.00	44.4	8	11
BDE_77	air+aerosol	0.00	0.00	0.00	1.08	0.00	0.00	0.00	48.2	8	12
BDE_85	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.00	48.2	5	12
BDE_99	air+aerosol	0.02	0.01	0.02	1.61	0.01	0.02	0.05	48.2	1	12
FTS_6-2	air+aerosol	0.03	-	-	-	0.03	0.03	0.03	4.4	1	1
FTS_6-2	air+aerosol	0.05	0.02	0.05	1.36	0.04	0.04	0.09	46.3	9	11
HCB	air+aerosol	47.78	14.79	45.40	1.39	23.50	46.20	72.60	13.4	0	49
PCB_101	air+aerosol	0.56	0.46	0.43	1.99	0.14	0.39	2.51	13.4	0	49
PCB_105	air+aerosol	0.08	0.21	0.04	2.51	0.01	0.03	1.41	13.4	0	49
PCB_114	air+aerosol	0.01	0.01	0.01	1.64	0.00	0.01	0.07	12.9	37	47
PCB_118	air+aerosol	0.21	0.43	0.12	2.33	0.03	0.10	2.93	13.4	0	49
PCB_122	air+aerosol	0.00	0.00	0.00	1.96	0.00	0.00	0.03	11.3	20	41
PCB_123	air+aerosol	0.01	0.01	0.00	2.05	0.00	0.00	0.05	11.0	19	40
PCB_128	air+aerosol	0.04	0.08	0.02	2.57	0.00	0.02	0.54	12.6	0	46
PCB_138	air+aerosol	0.27	0.37	0.18	2.27	0.04	0.15	2.42	13.4	0	49
PCB_141	air+aerosol	0.07	0.06	0.05	2.19	0.01	0.04	0.29	12.9	0	47
PCB_149	air+aerosol	0.38	0.31	0.29	2.01	0.09	0.24	1.41	13.4	0	49
PCB_153	air+aerosol	0.36	0.32	0.27	2.08	0.08	0.23	1.77	13.4	0	49
PCB_156	air+aerosol	0.02	0.04	0.01	2.43	0.00	0.01	0.25	12.1	2	44
PCB_157	air+aerosol	0.00	0.01	0.00	2.18	0.00	0.00	0.05	11.2	22	41
PCB_167	air+aerosol	0.01	0.01	0.00	2.40	0.00	0.00	0.10	12.6	11	46
PCB_170	air+aerosol	0.03	0.03	0.02	2.24	0.00	0.02	0.14	12.9	1	47
PCB_18	air+aerosol	1.25	0.85	1.02	1.92	0.28	1.03	4.07	13.4	0	49
PCB_180	air+aerosol	0.08	0.09	0.06	2.27	0.01	0.05	0.45	13.2	0	48
PCB_183	air+aerosol	0.03	0.02	0.02	2.06	0.01	0.02	0.11	12.6	0	46
PCB_187	air+aerosol	0.08	0.07	0.06	2.08	0.02	0.06	0.28	13.4	0	49
PCB_189	air+aerosol	0.00	0.00	0.00	1.14	0.00	0.00	0.00	13.4	44	49
PCB_194	air+aerosol	0.01	0.01	0.01	2.00	0.00	0.00	0.04	12.9	22	47
PCB_206	air+aerosol	0.00	0.00	0.00	1.47	0.00	0.00	0.02	12.9	36	47
PCB_209	air+aerosol	0.00	0.00	0.00	2.02	0.00	0.00	0.02	11.5	18	42
PCB_28	air+aerosol	0.75	0.47	0.63	1.80	0.20	0.68	2.44	13.4	0	49
PCB_31	air+aerosol	0.70	0.43	0.59	1.79	0.20	0.61	2.32	13.4	0	49
PCB_33	air+aerosol	0.39	0.24	0.33	1.83	0.09	0.34	1.27	13.4	0	49
PCB_37	air+aerosol	0.06	0.04	0.05	1.80	0.02	0.05	0.21	13.4	0	49
PCB_47	air+aerosol	0.80	0.56	0.64	1.97	0.17	0.65	2.63	13.4	0	49
PCB_52	air+aerosol	0.83	0.49	0.71	1.74	0.25	0.63	2.65	13.4	0	49
PCB_66	air+aerosol	0.18	0.12	0.15	1.85	0.05	0.15	0.59	13.4	0	49
PCB_74	air+aerosol	0.14	0.10	0.12	1.85	0.04	0.11	0.49	13.4	0	49
PCB_99	air+aerosol	0.19	0.18	0.15	1.95	0.04	0.14	1.13	13.4	0	49
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	46.3	11	11
PFBS	air+aerosol	0.03	-	-	-	0.03	0.03	0.03	4.4	1	1
PFHpA	air+aerosol	0.08	-	-	-	0.08	0.08	0.08	4.4	0	1
PFHpA	air+aerosol	0.16	0.08	0.14	1.56	0.10	0.10	0.34	46.3	6	11
PFHxA	air+aerosol	0.11	0.00	0.11	1.00	0.11	0.11	0.11	46.3	11	11
PFHxA	air+aerosol	0.42	-	-	-	0.42	0.42	0.42	4.4	0	1
PFHxS	air+aerosol	0.02	0.00	0.02	1.03	0.02	0.02	0.02	46.3	10	11
PFHxS	air+aerosol	0.03	-	-	-	0.03	0.03	0.03	4.4	1	1
PFNA	air+aerosol	0.07	-	-	-	0.07	0.07	0.07	4.4	0	1
PFNA	air+aerosol	0.16	0.08	0.14	1.73	0.07	0.16	0.27	46.3	1	11
PFOA	air+aerosol	0.10	-	-	-	0.10	0.10	0.10	4.4	0	1
PFOA	air+aerosol	0.26	0.13	0.21	2.03	0.05	0.33	0.39	46.3	1	11
PFOS	air+aerosol	0.05	-	-	-	0.05	0.05	0.05	4.4	1	1
PFOSA	air+aerosol	0.03	-	-	-	0.03	0.03	0.03	4.4	1	1
PFUnA	air+aerosol	0.03	-	-	-	0.03	0.03	0.03	4.4	1	1
TBA	air+aerosol	3.59	1.27	3.36	1.50	1.47	3.46	5.49	48.2	0	12
a_HBCD	air+aerosol	0.13	0.04	0.13	1.24	0.10	0.13	0.24	50.4	13	13
acenaphthene	air+aerosol	0.10	0.09	0.08	1.99	0.02	0.08	0.40	13.7	0	50
acenaphthylene	air+aerosol	0.04	0.07	0.01	4.72	0.00	0.01	0.33	13.4	15	49
alpha_HCH	air+aerosol	3.73	2.09	3.37	1.55	1.75	3.22	10.00	3.6	0	13
anthanthrene	air+aerosol	0.00	0.00	0.00	1.87	0.00	0.00	0.01	13.7	40	50
anthracene	air+aerosol	0.02	0.03	0.01	3.23	0.00	0.01	0.13	11.5	1	42

NO0002R Birkenes II (Cont.)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
b_HBCD	air+aerosol	0.05	0.01	0.05	1.23	0.04	0.05	0.09	50.4	13	13
benz_a_anthracene	air+aerosol	0.02	0.02	0.01	3.23	0.00	0.01	0.08	13.7	3	50
benzo_a_fluoranthene	air+aerosol	0.00	0.01	0.00	2.63	0.00	0.00	0.03	13.7	29	50
benzo_a_fluorene	air+aerosol	0.01	0.01	0.01	2.93	0.00	0.01	0.06	13.7	2	50
benzo_a_pyrene	air+aerosol	0.01	0.02	0.01	3.25	0.00	0.00	0.09	13.7	5	50
benzo_b_fluoranthene	air+aerosol	0.06	0.06	0.03	3.04	0.00	0.03	0.25	13.7	0	50
benzo_b_fluorene	air+aerosol	0.01	0.01	0.00	2.87	0.00	0.00	0.04	13.7	4	50
benzo_e_pyrene	air+aerosol	0.04	0.03	0.02	2.90	0.00	0.02	0.15	13.7	0	50
benzo_ghi_fluoranthene	air+aerosol	-	-	-	-	-	-	-	0.0	0	0
benzo_ghi_perylene	air+aerosol	0.03	0.04	0.02	2.75	0.00	0.02	0.15	13.7	0	50
benzo_k_fluoranthene	air+aerosol	0.02	0.02	0.01	3.09	0.00	0.01	0.10	13.7	3	50
biphenyl	air+aerosol	0.20	0.26	0.10	3.51	0.01	0.07	1.28	13.7	0	50
chrysene	air+aerosol	0.08	0.08	0.05	3.01	0.00	0.05	0.38	13.7	0	50
coronene	air+aerosol	0.01	0.02	0.01	2.82	0.00	0.01	0.09	13.7	6	50
cyclopenta_cd_pyrene	air+aerosol	0.00	0.00	0.00	2.92	0.00	0.00	0.01	0.8	2	3
dibenzo_ae_pyrene	air+aerosol	0.01	0.01	0.01	1.97	0.00	0.00	0.02	13.7	27	50
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.00	2.41	0.00	0.00	0.02	13.4	18	49
dibenzo_ah_pyrene	air+aerosol	0.01	0.00	0.00	1.71	0.00	0.00	0.03	13.7	50	50
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.68	0.00	0.00	0.02	13.7	49	50
dibenzofuran	air+aerosol	0.67	0.66	0.46	2.37	0.10	0.41	3.15	13.7	0	50
dibenzothiophene	air+aerosol	0.04	0.03	0.02	4.38	0.00	0.03	0.12	13.1	6	48
fluoranthene	air+aerosol	0.23	0.17	0.18	1.93	0.04	0.17	0.76	13.7	0	50
fluorene	air+aerosol	0.56	0.44	0.43	2.07	0.08	0.42	2.10	13.7	0	50
g_HBCD	air+aerosol	0.15	0.04	0.16	1.22	0.12	0.15	0.29	50.4	13	13
gamma_HCH	air+aerosol	2.99	3.61	2.05	2.25	0.80	1.94	14.30	3.6	0	13
inden_123cd_pyrene	air+aerosol	0.03	0.04	0.02	3.18	0.00	0.02	0.21	13.7	0	50
naphthalene	air+aerosol	0.15	0.18	0.08	3.06	0.03	0.04	0.76	13.7	18	50
op_DDD	air+aerosol	0.02	0.01	0.02	1.49	0.01	0.02	0.04	3.3	2	12
op_DDE	air+aerosol	0.06	0.03	0.06	1.75	0.02	0.06	0.13	3.6	0	13
op_DDT	air+aerosol	0.21	0.14	0.18	1.90	0.06	0.18	0.50	3.6	0	13
perylene	air+aerosol	0.00	0.00	0.00	2.14	0.00	0.00	0.01	13.7	37	50
phenanthrene	air+aerosol	1.01	0.62	0.86	1.78	0.23	0.87	3.82	13.7	0	50
pp_DDD	air+aerosol	0.02	0.01	0.02	1.35	0.01	0.01	0.03	3.3	5	12
pp_DDE	air+aerosol	0.94	0.58	0.78	1.90	0.26	0.72	1.97	3.6	0	13
pp_DDT	air+aerosol	0.22	0.15	0.19	1.91	0.07	0.17	0.58	3.3	0	12
pyrene	air+aerosol	0.12	0.09	0.09	2.07	0.02	0.08	0.44	12.3	0	45
retene	air+aerosol	0.06	0.08	0.04	2.62	0.01	0.03	0.46	13.1	0	48
sum_DDT	air+aerosol	1.50	0.84	1.30	1.78	0.45	1.33	3.09	3.6	0	13
sum_PCB	air+aerosol	11.20	6.73	9.52	1.78	3.23	9.10	32.98	13.2	0	48
sum_heptachlor_PCB	air+aerosol	0.31	0.28	0.22	2.35	0.04	0.18	1.32	13.4	0	49
sum_hexachlor_PCB	air+aerosol	1.68	1.60	1.22	2.17	0.34	0.99	8.51	13.4	0	49
sum_pentachlor_PCB	air+aerosol	1.82	2.16	1.29	2.14	0.34	1.14	14.20	13.4	0	49
sum_tetrachlor_PCB	air+aerosol	3.53	2.18	3.00	1.77	0.99	2.77	11.20	13.4	0	49
sum_trichlor_PCB	air+aerosol	4.37	2.88	3.61	1.86	1.11	3.76	15.00	13.4	0	49

NO0042G Zeppelin mountain (Ny-Ã…lesund)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1-methylnaphthalene	air+aerosol	0.05	0.07	0.03	3.02	0.00	0.02	0.43	28.4	1	50
1-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.54	0.00	0.00	0.01	28.4	22	50
2-methylanthracene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	18.7	33	33
2-methylnaphthalene	air+aerosol	0.06	0.07	0.04	2.60	0.01	0.03	0.39	28.4	1	50
2-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.67	0.00	0.00	0.01	28.4	7	50
3-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.01	28.4	11	50
9-methylphenanthrene	air+aerosol	0.00	0.00	0.00	1.36	0.00	0.00	0.00	28.4	25	50
BDE_100	air+aerosol	0.01	0.01	0.01	2.06	0.00	0.01	0.04	39.5	1	50
BDE_119	air+aerosol	0.00	0.00	0.00	1.80	0.00	0.00	0.02	39.5	45	50
BDE_138	air+aerosol	0.00	0.01	0.00	1.63	0.00	0.00	0.04	38.7	40	49
BDE_153	air+aerosol	0.01	0.01	0.00	1.75	0.00	0.00	0.05	39.5	29	50
BDE_154	air+aerosol	0.00	0.01	0.00	2.02	0.00	0.00	0.05	38.6	15	48
BDE_183	air+aerosol	0.01	0.02	0.00	2.20	0.00	0.00	0.10	36.3	22	46
BDE_196	air+aerosol	0.03	0.08	0.01	2.66	0.00	0.01	0.50	37.9	38	48
BDE_206	air+aerosol	0.33	0.40	0.17	3.01	0.04	0.15	2.05	39.5	7	50
BDE_209	air+aerosol	8.18	11.07	3.46	3.88	0.21	2.83	44.60	39.4	1	49
BDE_28	air+aerosol	0.01	0.00	0.01	1.34	0.00	0.01	0.01	39.5	0	50
BDE_47	air+aerosol	0.14	0.08	0.12	1.73	0.05	0.12	0.38	39.5	0	50
BDE_49	air+aerosol	0.01	0.00	0.01	1.65	0.00	0.01	0.01	37.1	0	47
BDE_66	air+aerosol	0.00	0.00	0.00	1.56	0.00	0.00	0.01	37.1	16	47
BDE_71	air+aerosol	0.00	0.00	0.00	1.47	0.00	0.00	0.01	39.5	45	50
BDE_77	air+aerosol	0.00	0.00	0.00	1.64	0.00	0.00	0.01	37.9	43	48
BDE_85	air+aerosol	0.00	0.00	0.00	1.88	0.00	0.00	0.02	37.0	29	47
BDE_99	air+aerosol	0.04	0.03	0.03	2.06	0.01	0.03	0.14	38.7	2	49
FTS_6-2	air+aerosol	0.04	0.01	0.04	1.21	0.02	0.04	0.04	52.1	13	13
HCB	air+aerosol	63.44	6.54	63.31	1.11	42.90	63.20	82.50	27.9	0	52
PCB_101	air+aerosol	0.21	0.07	0.21	1.33	0.11	0.21	0.43	27.9	0	52
PCB_105	air+aerosol	0.02	0.01	0.02	1.59	0.01	0.02	0.07	27.9	0	52
PCB_114	air+aerosol	0.00	0.00	0.00	1.19	0.00	0.00	0.00	26.3	37	49
PCB_118	air+aerosol	0.07	0.03	0.06	1.50	0.03	0.06	0.20	27.9	0	52
PCB_122	air+aerosol	0.00	0.00	0.00	1.49	0.00	0.00	0.00	25.8	20	48
PCB_123	air+aerosol	0.00	0.00	0.00	1.69	0.00	0.00	0.01	26.3	24	49
PCB_128	air+aerosol	0.01	0.01	0.01	1.64	0.00	0.01	0.03	25.3	0	47
PCB_138	air+aerosol	0.07	0.05	0.06	1.63	0.02	0.05	0.37	27.9	0	52
PCB_141	air+aerosol	0.02	0.02	0.01	1.71	0.01	0.01	0.16	26.9	0	50
PCB_149	air+aerosol	0.12	0.11	0.10	1.58	0.05	0.09	0.81	27.9	0	52
PCB_153	air+aerosol	0.10	0.11	0.08	1.68	0.03	0.08	0.79	27.9	0	52
PCB_156	air+aerosol	0.00	0.00	0.00	1.85	0.00	0.00	0.02	24.7	2	46
PCB_157	air+aerosol	0.00	0.00	0.00	1.22	0.00	0.00	0.00	27.9	46	52
PCB_167	air+aerosol	0.00	0.00	0.00	1.59	0.00	0.00	0.01	26.3	25	49
PCB_170	air+aerosol	0.01	0.01	0.00	1.85	0.00	0.00	0.06	26.3	2	49
PCB_18	air+aerosol	0.82	0.44	0.74	1.57	0.29	0.69	2.62	27.9	0	52
PCB_180	air+aerosol	0.02	0.05	0.01	2.06	0.00	0.01	0.34	26.9	1	50
PCB_183	air+aerosol	0.01	0.02	0.01	2.00	0.00	0.01	0.15	26.3	0	49
PCB_187	air+aerosol	0.03	0.06	0.02	2.02	0.01	0.01	0.45	26.9	0	50
PCB_189	air+aerosol	0.00	0.00	0.00	1.07	0.00	0.00	0.00	27.9	50	52
PCB_194	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.02	27.4	48	51
PCB_206	air+aerosol	0.00	0.00	0.00	1.22	0.00	0.00	0.01	27.9	49	52
PCB_209	air+aerosol	0.00	0.00	0.00	1.48	0.00	0.00	0.01	25.4	12	48
PCB_28	air+aerosol	0.77	0.24	0.73	1.33	0.44	0.71	1.68	27.9	0	52
PCB_31	air+aerosol	0.69	0.22	0.66	1.33	0.40	0.63	1.59	27.9	0	52
PCB_33	air+aerosol	0.51	0.19	0.48	1.40	0.26	0.45	1.15	27.9	0	52
PCB_37	air+aerosol	0.11	0.05	0.10	1.49	0.05	0.10	0.29	27.9	0	52
PCB_47	air+aerosol	0.22	0.06	0.22	1.26	0.14	0.21	0.48	27.9	0	52
PCB_52	air+aerosol	0.42	0.13	0.41	1.30	0.22	0.41	0.92	27.9	0	52

NO0042G Zeppelin mountain (Ny-Ålesund) (Cont.)
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
PCB_66	air+aerosol	0.12	0.04	0.12	1.32	0.08	0.12	0.34	27.9	0	52
PCB_74	air+aerosol	0.09	0.03	0.08	1.30	0.05	0.08	0.20	27.9	0	52
PCB_99	air+aerosol	0.08	0.03	0.08	1.39	0.03	0.08	0.19	27.9	0	52
PFBS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	52.1	13	13
PFHpA	air+aerosol	0.09	0.03	0.08	1.61	0.02	0.10	0.11	52.1	12	13
PFHxA	air+aerosol	0.10	0.03	0.09	1.66	0.02	0.11	0.11	52.1	13	13
PFHxS	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	52.1	13	13
PFNA	air+aerosol	0.07	0.02	0.07	1.43	0.02	0.07	0.11	52.1	11	13
PFOA	air+aerosol	0.09	0.04	0.08	1.65	0.03	0.08	0.19	52.1	2	13
PFOS	air+aerosol	0.04	-	-	-	0.04	0.04	0.04	4.1	1	1
PFOSA	air+aerosol	0.02	-	-	-	0.02	0.02	0.02	4.1	1	1
PFUnA	air+aerosol	0.02	-	-	-	0.02	0.02	0.02	4.1	1	1
TBA	air+aerosol	4.81	4.05	3.56	2.28	0.59	3.58	19.00	39.5	0	50
a_HBCD	air+aerosol	0.22	0.22	0.19	1.50	0.15	0.17	1.34	23.0	25	28
acenaphthene	air+aerosol	0.00	0.00	0.00	1.62	0.00	0.00	0.02	27.8	35	49
acenaphthylene	air+aerosol	0.00	0.00	0.00	1.80	0.00	0.00	0.02	27.8	40	49
alpha_HCH	air+aerosol	2.76	0.84	2.65	1.38	0.91	2.77	4.74	27.7	0	51
anthanthrene	air+aerosol	0.00	0.00	0.00	1.22	0.00	0.00	0.00	28.4	50	50
anthracene	air+aerosol	0.00	0.00	0.00	1.11	0.00	0.00	0.00	28.4	48	50
b_HBCD	air+aerosol	0.07	0.03	0.07	1.29	0.06	0.06	0.23	23.0	27	28
benz_a_anthracene	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.01	28.4	43	50
benzo_a_fluoranthene	air+aerosol	0.00	0.00	0.00	1.08	0.00	0.00	0.00	28.4	49	50
benzo_a_fluorene	air+aerosol	0.00	0.00	0.00	1.33	0.00	0.00	0.01	28.4	44	50
benzo_a_pyrene	air+aerosol	0.00	0.00	0.00	1.50	0.00	0.00	0.01	28.4	44	50
benzo_b_fluoranthene	air+aerosol	0.00	0.01	0.00	2.29	0.00	0.00	0.03	28.4	36	50
benzo_b_fluorene	air+aerosol	0.00	0.00	0.00	1.24	0.00	0.00	0.00	28.4	46	50
benzo_e_pyrene	air+aerosol	0.00	0.00	0.00	1.93	0.00	0.00	0.02	27.3	38	48
benzo_ghi_fluoranthene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	21.2	38	38
benzo_ghi_perylene	air+aerosol	0.00	0.00	0.00	1.88	0.00	0.00	0.02	28.4	39	50
benzo_k_fluoranthene	air+aerosol	0.00	0.00	0.00	1.64	0.00	0.00	0.01	28.4	40	50
biphenyl	air+aerosol	0.22	0.27	0.07	5.28	0.00	0.06	1.12	27.8	3	49
chrysene	air+aerosol	0.00	0.00	0.00	2.19	0.00	0.00	0.03	28.4	36	50
cis_CD	air+aerosol	0.26	0.05	0.26	1.20	0.18	0.26	0.38	27.2	0	50
cis_NO	air+aerosol	0.02	0.01	0.02	1.74	0.01	0.02	0.05	27.2	6	50
coronene	air+aerosol	0.00	0.00	0.00	1.59	0.00	0.00	0.01	28.4	44	50
cyclopenta_cd_pyrene	air+aerosol	0.00	0.00	0.00	1.00	0.00	0.00	0.00	25.1	45	45
dibenzo_ae_pyrene	air+aerosol	0.00	0.00	0.00	1.47	0.00	0.00	0.01	28.4	49	50
dibenzo_ah_anthracene	air+aerosol	0.00	0.00	0.00	1.36	0.00	0.00	0.01	28.4	48	50
dibenzo_ah_pyrene	air+aerosol	0.00	0.00	0.00	1.62	0.00	0.00	0.02	28.4	50	50
dibenzo_ai_pyrene	air+aerosol	0.00	0.00	0.00	1.58	0.00	0.00	0.02	28.4	50	50
dibenzofuran	air+aerosol	0.27	0.30	0.12	3.96	0.01	0.10	1.08	27.8	1	49
dibenzothiophene	air+aerosol	0.00	0.00	0.00	2.16	0.00	0.00	0.01	27.8	31	49
fluoranthene	air+aerosol	0.01	0.02	0.01	2.34	0.00	0.00	0.09	28.4	27	50
fluorene	air+aerosol	0.11	0.14	0.04	4.69	0.00	0.02	0.59	27.8	2	49
g_HBCD	air+aerosol	0.21	0.02	0.21	1.08	0.19	0.20	0.27	23.0	28	28
gamma_HCH	air+aerosol	0.38	0.13	0.37	1.41	0.15	0.38	0.68	27.7	0	51
inden_123cd_pyrene	air+aerosol	0.00	0.00	0.00	1.84	0.00	0.00	0.01	28.4	39	50
naphthalene	air+aerosol	-	-	-	-	-	-	0.0	0	0	
op_DDD	air+aerosol	0.01	0.00	0.01	1.41	0.01	0.01	0.02	26.0	29	48
op_DDE	air+aerosol	0.03	0.03	0.02	2.28	0.01	0.02	0.14	27.1	1	50
op_DDT	air+aerosol	0.05	0.04	0.04	1.94	0.01	0.04	0.21	27.1	3	50
perylene	air+aerosol	0.00	0.00	0.00	1.04	0.00	0.00	0.00	28.4	49	50
phenanthrene	air+aerosol	0.02	0.03	0.01	2.29	0.01	0.01	0.14	28.4	2	50
pp_DDD	air+aerosol	0.01	0.00	0.01	1.23	0.00	0.01	0.02	27.7	44	51
pp_DDE	air+aerosol	0.24	0.33	0.14	2.84	0.03	0.15	1.57	27.7	0	51
pp_DDT	air+aerosol	0.03	0.03	0.03	1.76	0.02	0.02	0.15	27.7	21	51
pyrene	air+aerosol	0.01	0.01	0.00	2.04	0.00	0.00	0.05	28.4	31	50
retene	air+aerosol	0.00	0.00	0.00	1.41	0.00	0.00	0.01	27.3	33	48
sum_DDT	air+aerosol	0.37	0.42	0.26	2.30	0.08	0.26	2.07	27.7	0	51
sum_PCB	air+aerosol	6.87	2.27	6.60	1.33	4.06	6.28	14.09	27.9	0	52
sum_heptachlor_PCB	air+aerosol	0.08	0.20	0.05	2.11	0.00	0.04	1.44	27.9	0	52
sum_hexachlor_PCB	air+aerosol	0.46	0.44	0.38	1.68	0.17	0.35	3.27	27.9	0	52
sum_pentachlor_PCB	air+aerosol	0.67	0.26	0.64	1.40	0.31	0.64	1.50	27.9	0	52
sum_tetrachlor_PCB	air+aerosol	1.76	0.55	1.71	1.31	0.97	1.67	4.16	27.9	0	52
sum_trichlor_PCB	air+aerosol	3.89	1.39	3.71	1.35	2.24	3.56	9.91	27.9	0	52
trans_CD	air+aerosol	0.10	0.05	0.08	1.72	0.03	0.09	0.21	27.2	0	50
trans_NO	air+aerosol	0.22	0.05	0.21	1.23	0.15	0.20	0.35	27.2	0	50

NO0090R Andøya
January 2018 - December 2018

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	0.01	0.04	1.30	0.02	0.04	0.04	50.7	12	12
HCB	air+aerosol	28.85	11.19	27.12	1.43	15.40	27.90	56.60	7.1	0	13
PFBS	air+aerosol	0.02	0.00	0.02	1.07	0.02	0.02	0.02	50.7	12	12
PFHpA	air+aerosol	0.12	0.03	0.11	1.27	0.09	0.10	0.19	50.7	7	12
PFHxA	air+aerosol	0.13	0.05	0.12	1.33	0.11	0.11	0.30	50.7	11	12
PFHxS	air+aerosol	0.02	0.00	0.02	1.19	0.02	0.02	0.03	50.7	7	12
PFNA	air+aerosol	0.08	0.02	0.08	1.25	0.07	0.07	0.14	50.7	7	12
PFOA	air+aerosol	0.13	0.05	0.12	1.49	0.05	0.11	0.20	50.7	0	12
PFOS	air+aerosol	0.07	-	-	-	0.07	0.07	0.07	4.4	0	1
PFOSA	air+aerosol	0.02	-	-	-	0.02	0.02	0.02	4.4	1	1
PFUnA	air+aerosol	0.02	-	-	-	0.02	0.02	0.02	4.4	1	1

PL0005R Diabla Gora
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.45	0.64	0.10	8.38	0.00	0.21	2.47	85.5	0	52
benzo_a_pyrene	pm10	0.52	0.69	0.17	5.33	0.01	0.21	2.91	85.5	0	52
benzo_b_fluoranthene	pm10	0.76	0.95	0.27	5.17	0.02	0.42	4.29	85.5	0	52
benzo_k_fluoranthene	pm10	0.30	0.38	0.10	5.45	0.01	0.18	1.72	85.5	0	52
dibenzo_ah_anthracene	pm10	0.07	0.08	0.03	4.96	0.00	0.04	0.34	85.5	0	52
inden_123cd_pyrene	pm10	0.60	0.69	0.25	4.63	0.02	0.32	3.14	85.5	0	52

PL0009R Zielonka
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	1.01	1.39	0.25	7.41	0.01	0.24	5.95	85.5	0	52
benzo_a_pyrene	pm10	1.03	1.28	0.34	5.82	0.01	0.39	5.43	85.5	0	52
benzo_b_fluoranthene	pm10	1.16	1.42	0.39	5.62	0.02	0.41	5.80	85.5	0	52
benzo_k_fluoranthene	pm10	0.59	0.74	0.19	5.81	0.01	0.20	2.96	85.5	0	52
dibenzo_ah_anthracene	pm10	0.08	0.12	0.02	7.41	0.00	0.03	0.64	85.5	0	52
inden_123cd_pyrene	pm10	0.99	1.11	0.39	4.83	0.02	0.41	4.13	85.5	0	52

SE0014R RÃ¥Ã¶
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678_HpCDD	air+aerosol	0.08	0.06	0.08	2.07	0.03	0.11	0.14	34.2	0	5
1234678_HpCDF	air+aerosol	0.06	0.04	0.05	2.00	0.02	0.05	0.13	34.2	0	5
1234789_HpCDF	air+aerosol	0.01	0.00	0.01	2.00	0.00	0.01	0.01	34.2	1	5
123478_HxCDD	air+aerosol	0.05	0.05	0.05	2.68	0.01	0.07	0.13	34.2	2	5
123478_HxCDF	air+aerosol	0.18	0.15	0.15	2.14	0.06	0.17	0.44	34.2	0	5
123678_HxCDD	air+aerosol	0.09	0.09	0.08	2.92	0.01	0.11	0.23	34.2	1	5
123678_HxCDF	air+aerosol	0.17	0.15	0.15	2.12	0.07	0.17	0.44	34.2	0	5
123789_HxCDD	air+aerosol	0.07	0.07	0.06	3.04	0.01	0.11	0.16	34.2	2	5
123789_HxCDF	air+aerosol	0.08	0.05	0.07	1.81	0.04	0.07	0.17	34.2	0	5
12378_PeCDD	air+aerosol	0.99	0.54	0.84	1.71	0.48	0.81	1.80	34.2	0	5
12378_PeCDF	air+aerosol	0.03	0.02	0.03	1.94	0.01	0.04	0.07	34.2	0	5
234678_HxCDF	air+aerosol	0.18	0.15	0.16	2.14	0.06	0.19	0.43	34.2	0	5
23478_PeCDF	air+aerosol	0.59	0.49	0.52	2.13	0.20	0.57	1.44	34.2	0	5
2378_TCDD	air+aerosol	0.16	0.04	0.15	1.28	0.10	0.15	0.20	34.2	5	5
2378_TCDF	air+aerosol	0.16	0.10	0.16	1.80	0.07	0.18	0.32	34.2	0	5
BDE_100	air+aerosol	0.02	0.01	0.02	1.34	0.01	0.01	0.04	99.5	12	13
BDE_153	air+aerosol	0.02	0.00	0.02	1.06	0.02	0.02	0.03	99.5	13	13
BDE_154	air+aerosol	0.04	0.00	0.04	1.04	0.04	0.04	0.04	99.5	13	13
BDE_209	air+aerosol	0.58	0.40	0.43	2.49	0.09	0.45	1.32	99.2	2	12
BDE_47	air+aerosol	0.06	0.02	0.06	1.42	0.04	0.05	0.12	99.5	0	13
BDE_85	air+aerosol	0.03	0.02	0.03	1.67	0.02	0.02	0.07	99.5	9	13
BDE_99	air+aerosol	0.03	0.00	0.02	1.06	0.02	0.03	0.03	99.5	13	13
FTS_6-2	air+aerosol	0.05	0.01	0.05	1.10	0.05	0.05	0.07	99.5	12	13
HCB	air+aerosol	15.38	8.25	14.43	1.72	5.30	16.10	29.00	99.5	0	13
OCDD	air+aerosol	0.01	0.00	0.01	1.61	0.00	0.01	0.01	34.2	0	5
OCDF	air+aerosol	0.00	0.00	0.00	1.41	0.00	0.00	0.00	34.2	0	5
PCB_101	air+aerosol	1.42	1.11	1.01	2.17	0.41	0.88	3.52	99.5	0	13
PCB_118	air+aerosol	0.45	0.35	0.31	2.22	0.11	0.24	1.17	99.5	0	13
PCB_138	air+aerosol	0.94	0.79	0.63	2.33	0.22	0.48	2.37	99.5	0	13
PCB_153	air+aerosol	1.09	0.89	0.75	2.22	0.32	0.62	2.65	99.5	0	13
PCB_180	air+aerosol	0.35	0.30	0.23	2.45	0.05	0.17	0.94	99.5	0	13
PCB_28	air+aerosol	0.98	0.37	0.89	1.45	0.56	0.90	1.69	99.5	0	13
PCB_52	air+aerosol	1.70	1.20	1.29	1.96	0.64	0.97	4.21	99.5	0	13
PFBA	air+aerosol	2.70	1.34	1.79	3.25	0.05	2.57	4.63	99.5	1	13
PFBS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	13	13
PFDcA	air+aerosol	0.12	0.06	0.10	1.71	0.05	0.11	0.23	99.5	1	13
PFDcS	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	13	13
PFHpA	air+aerosol	0.13	0.06	0.12	1.62	0.05	0.13	0.24	99.5	1	13
PFHxA	air+aerosol	0.05	0.20	0.06	2.12	0.05	0.05	0.75	99.5	12	13
PFHxS	air+aerosol	0.05	0.03	0.05	1.40	0.05	0.05	0.17	99.5	12	13
PFNA	air+aerosol	0.19	0.08	0.18	1.48	0.10	0.17	0.39	99.5	0	13
PFOA	air+aerosol	0.43	0.22	0.42	1.61	0.17	0.44	0.92	99.5	0	13
PFOS	air+aerosol	0.36	0.22	0.36	1.56	0.17	0.36	0.99	99.5	0	13
PFOSA	air+aerosol	0.05	0.00	0.05	1.00	0.05	0.05	0.05	99.5	13	13
PFUnA	air+aerosol	0.06	0.03	0.06	1.38	0.05	0.05	0.12	99.5	9	13
aldrin	air+aerosol	0.15	0.00	0.15	1.00	0.15	0.15	0.15	99.5	13	13
alpha_HCH	air+aerosol	3.14	0.87	2.94	1.32	2.14	2.74	4.53	99.5	0	13
alpha_endosulfan	air+aerosol	0.43	0.27	0.35	1.92	0.12	0.36	1.01	99.2	0	12
anthracene	air+aerosol	0.02	0.02	0.01	3.74	0.00	0.01	0.05	99.5	0	13
benz_a_anthracene	air+aerosol	0.06	0.05	0.03	4.27	0.00	0.06	0.13	74.5	0	10
benzo_a_pyrene	air+aerosol	0.04	0.04	0.02	4.17	0.00	0.03	0.11	99.5	0	13
benzo_b_fluoranthene	air+aerosol	0.09	0.08	0.05	3.69	0.01	0.05	0.20	99.5	0	13
benzo_ghi_perylene	air+aerosol	0.06	0.06	0.03	4.15	0.00	0.03	0.14	99.5	0	13
benzo_k_fluoranthene	air+aerosol	0.04	0.04	0.02	4.20	0.00	0.02	0.08	99.5	0	13
beta_endosulfan	air+aerosol	0.04	0.00	0.04	1.00	0.04	0.04	0.04	99.2	12	12
chrysene	air+aerosol	0.13	0.09	0.09	2.69	0.02	0.14	0.23	74.5	0	10
dibenzo_ah_anthracene	air+aerosol	0.01	0.01	0.00	3.90	0.00	0.00	0.02	99.5	0	13
fluoranthene	air+aerosol	0.37	0.30	0.23	2.92	0.04	0.23	0.76	99.5	0	13
gamma_HCH	air+aerosol	3.33	1.99	2.63	1.93	0.94	2.77	6.47	99.5	0	13
inden_123cd_pyrene	air+aerosol	0.06	0.06	0.03	4.26	0.00	0.03	0.14	99.5	0	13
phenanthrene	air+aerosol	0.84	0.59	0.64	2.29	0.15	0.69	1.85	99.5	0	13
pp_DDD	air+aerosol	0.05	0.04	0.04	2.17	0.01	0.04	0.15	99.5	4	13
pp_DDE	air+aerosol	1.80	0.98	1.54	1.67	0.65	1.56	3.90	99.5	0	13
pp_DDT	air+aerosol	0.52	0.25	0.44	1.79	0.13	0.41	0.84	99.5	0	13
pyrene	air+aerosol	0.22	0.19	0.13	3.25	0.02	0.14	0.46	99.5	0	13

SE0020R Hallahus
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
anthracene	air+aerosol	0.01	0.01	0.01	3.85	0.00	0.00	0.03	97.0	2	13
benz_a_anthracene	air+aerosol	0.07	0.09	0.02	7.87	0.00	0.02	0.26	97.0	0	13
benzo_a_pyrene	air+aerosol	0.07	0.08	0.02	5.79	0.00	0.03	0.24	97.0	0	13
benzo_b_fluoranthene	air+aerosol	0.14	0.15	0.06	4.90	0.01	0.06	0.43	97.0	0	13
benzo_ghi_perylene	air+aerosol	0.10	0.11	0.04	4.68	0.00	0.05	0.31	97.0	0	13
benzo_k_fluoranthene	air+aerosol	0.05	0.06	0.02	5.13	0.00	0.02	0.16	97.0	0	13
chrysene	air+aerosol	0.10	0.11	0.03	5.41	0.00	0.03	0.32	97.0	0	13
dibenzo_ah_anthracene	air+aerosol	0.02	0.02	0.00	5.78	0.00	0.01	0.05	97.0	2	13
fluoranthene	air+aerosol	0.16	0.18	0.07	4.66	0.00	0.05	0.49	97.0	0	13
inden_123cd_pyrene	air+aerosol	0.10	0.10	0.04	4.81	0.00	0.04	0.29	97.0	0	13
phenanthrene	air+aerosol	0.08	0.09	0.02	6.60	0.00	0.02	0.24	97.0	2	13
pyrene	air+aerosol	0.14	0.16	0.06	4.75	0.00	0.04	0.45	97.0	0	13

SE0022R Norunda Stenen
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
1234678_HpCDD	air+aerosol	0.04	0.03	0.03	2.40	0.01	0.04	0.06	34.8	0	4
1234678_HpCDF	air+aerosol	0.03	0.03	0.03	2.48	0.01	0.03	0.07	34.8	0	4
1234789_HpCDF	air+aerosol	0.01	0.00	0.01	1.70	0.00	0.01	0.01	34.8	2	4
123478_HxCDD	air+aerosol	0.03	0.02	0.03	1.55	0.03	0.03	0.06	34.8	3	4
123478_HxCDF	air+aerosol	0.09	0.06	0.07	2.27	0.03	0.10	0.15	34.8	1	4
123678_HxCDD	air+aerosol	0.04	0.04	0.04	1.99	0.03	0.03	0.10	34.8	3	4
123678_HxCDF	air+aerosol	0.09	0.06	0.08	2.27	0.03	0.09	0.16	34.8	1	4
123789_HxCDD	air+aerosol	0.03	0.00	0.03	1.08	0.03	0.03	0.04	34.8	4	4
123789_HxCDF	air+aerosol	0.07	0.03	0.06	1.70	0.03	0.08	0.10	34.8	1	4
12378_PeCDD	air+aerosol	0.35	0.34	0.29	2.10	0.20	0.20	0.88	34.8	3	4
12378_PeCDF	air+aerosol	0.04	0.03	0.02	3.32	0.01	0.03	0.08	34.8	1	4
234678_HxCDF	air+aerosol	0.12	0.09	0.10	2.62	0.03	0.12	0.24	34.8	1	4
23478_PeCDF	air+aerosol	0.68	0.48	0.53	2.46	0.17	0.69	1.20	34.8	0	4
2378_TCDD	air+aerosol	0.10	0.00	0.10	1.00	0.10	0.10	0.10	34.8	4	4
2378_TCDF	air+aerosol	0.14	0.11	0.10	2.84	0.03	0.13	0.28	34.8	1	4
BDE_100	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	92.1	11	11
BDE_153	air+aerosol	0.01	0.00	0.01	1.00	0.01	0.01	0.01	92.1	11	11
BDE_154	air+aerosol	0.03	0.00	0.03	1.00	0.03	0.03	0.03	92.1	11	11
BDE_47	air+aerosol	0.03	0.01	0.03	1.60	0.01	0.03	0.05	92.1	4	11
BDE_85	air+aerosol	0.02	0.02	0.02	1.81	0.01	0.01	0.09	92.1	9	11
BDE_99	air+aerosol	0.02	0.00	0.02	1.00	0.02	0.02	0.02	92.1	11	11
HCB	air+aerosol	22.87	10.86	20.35	1.63	9.30	17.60	41.20	92.1	0	11
OCDD	air+aerosol	0.00	0.00	0.00	1.94	0.00	0.00	0.00	34.8	0	4
OCDF	air+aerosol	0.00	0.00	0.00	1.41	0.00	0.00	0.00	34.8	0	4
PCB_101	air+aerosol	0.57	0.28	0.52	1.58	0.28	0.49	1.10	92.1	0	11
PCB_118	air+aerosol	0.14	0.05	0.14	1.39	0.09	0.14	0.25	92.1	0	11
PCB_138	air+aerosol	0.36	0.21	0.31	1.86	0.12	0.32	0.76	92.1	0	11
PCB_153	air+aerosol	0.38	0.24	0.32	1.91	0.13	0.30	0.86	92.1	0	11
PCB_180	air+aerosol	0.08	0.06	0.07	2.17	0.02	0.07	0.21	92.1	2	11
PCB_28	air+aerosol	0.66	0.15	0.65	1.26	0.41	0.66	0.94	92.1	0	11
PCB_52	air+aerosol	0.67	0.18	0.65	1.30	0.42	0.64	0.96	92.1	0	11
alpha_HCH	air+aerosol	2.54	0.87	2.40	1.45	1.24	2.63	4.03	92.1	0	11
anthracene	air+aerosol	0.02	0.01	0.01	2.88	0.00	0.01	0.05	92.1	0	11
benz_a_anthracene	air+aerosol	0.02	0.02	0.01	3.38	0.00	0.01	0.07	92.1	0	11
benzo_a_pyrene	air+aerosol	0.03	0.02	0.02	3.24	0.00	0.03	0.08	92.1	0	11
benzo_b_fluoranthene	air+aerosol	0.04	0.04	0.02	3.72	0.00	0.03	0.13	92.1	0	11
benzo_ghi_perylene	air+aerosol	0.03	0.03	0.01	3.95	0.00	0.02	0.10	92.1	0	11
benzo_k_fluoranthene	air+aerosol	0.02	0.02	0.01	3.61	0.00	0.01	0.06	92.1	0	11
chrysene	air+aerosol	0.05	0.05	0.03	3.39	0.01	0.03	0.14	92.1	0	11
dibenzo_ah_anthracene	air+aerosol	0.00	0.01	0.00	4.66	0.00	0.00	0.02	92.1	0	11
fluoranthene	air+aerosol	0.26	0.23	0.17	2.69	0.05	0.12	0.64	92.1	0	11
gamma_HCH	air+aerosol	2.54	1.49	2.20	1.87	0.75	2.48	5.67	92.1	0	11
inden_123cd_pyrene	air+aerosol	0.03	0.04	0.01	4.32	0.00	0.02	0.11	92.1	0	11
phenanthrene	air+aerosol	0.84	0.59	0.64	2.10	0.27	0.41	1.80	92.1	0	11
pp_DDD	air+aerosol	0.02	0.01	0.02	1.32	0.01	0.01	0.03	92.1	9	11
pp_DDE	air+aerosol	1.19	0.65	1.05	1.70	0.44	0.88	2.57	92.1	0	11
pp_DDT	air+aerosol	0.26	0.14	0.23	1.69	0.13	0.20	0.54	92.1	0	11
pyrene	air+aerosol	0.16	0.14	0.09	3.17	0.02	0.08	0.38	92.1	0	11

SI0008R Iskrba
January 2018 - December 2018

Component	matrix	Arit mean	Arit sd	Geom mean	Geom sd	Min	50%	Max	% anal	Num bel	Num sampl
benz_a_anthracene	pm10	0.12	0.18	0.04	4.22	0.01	0.05	1.12	33.4	47	122
benzo_a_pyrene	pm10	0.17	0.24	0.05	5.22	0.01	0.06	1.22	33.4	50	122
benzo_bjk_fluoranthenes	pm10	0.56	0.68	0.30	3.24	0.03	0.25	3.20	33.4	14	122
dibenzo_ah_anthracene	pm10	0.05	0.06	0.02	3.38	0.01	0.01	0.23	33.4	72	122
inden_123cd_pyrene	pm10	0.22	0.31	0.07	5.87	0.01	0.07	1.35	33.4	47	122

Appendix E

Monthly and annual mean values for heavy metals in precipitation

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FI0018R	aluminium	precip	32	100	36	100	83	100	33	100	276	100	129	100	21	100	41	100	10	100	19	100	140	100	25	100	37	100
FI0036R	aluminium	precip	1	100	3	100	5	100	7	100	30	100	6	100	9	100	9	100	5	100	2	100	13	100	1	100	7	100
FI0050R	aluminium	precip	4	100	11	100	16	100	25	100	10	100	28	100	19	100	15	100	6	100	4	100	41	100	7	100	14	100
FI0053R	aluminium	precip	4	100	41	100	17	100	24	100	10	100	20	100	64	100	13	100	6	100	25	100	52	100	5	100	15	100
FI0092R	aluminium	precip	3	100	3	55	7	97	10	100	58	100	24	100	6	100	6	100	4	100	8	100	7	100	3	100	9	98
FI0093R	aluminium	precip	6	100	11	100	13	100	18	100	35	100	14	100	11	100	12	100	3	100	3	100	30	100	4	100	11	100
GB0048R	aluminium	precip	5	100	5	100	154	100	17	100	14	94	9	98	11	99	8	100	8	100	7	100	4	100	6	100	20	100
GB1055R	aluminium	precip	4	100	5	100	5	100	16	93	68	93	20	28	36	89	10	85	6	94	8	100	6	100	4	100	11	96
IS0091R	aluminium	precip	170	100	228	100	103	100	386	100	58	100	87	100	61	100	406	100	672	100	608	100	606	28	519	88	325	94
DE0001R	antimony	precip	0.097	100	0.094	97	0.081	100	0.137	100	0.296	100	0.160	100	0.120	3	0.072	100	0.095	100	0.078	100	0.111	100	0.103	100	0.104	99
DE0002R	antimony	precip	0.065	100	0.081	98	0.118	100	0.126	99	0.179	98	0.111	100	0.079	100	0.160	100	0.117	100	0.141	100	0.091	100	0.087	100	0.105	100
DE0003R	antimony	precip	0.028	100	0.056	100	0.069	100	0.137	100	0.123	100	0.113	100	0.087	100	0.071	100	0.077	100	0.089	94	0.063	100	0.059	100	0.070	100
DE0007R	antimony	precip	0.063	100	0.066	97	0.117	99	0.109	100	0.228	99	0.148	99	0.090	100	0.143	100	0.102	100	0.097	100	0.072	100	0.070	100	0.100	100
DE0008R	antimony	precip	0.080	100	0.160	100	0.111	100	0.141	99	0.141	100	0.106	100	0.112	100	0.120	100	0.138	99	0.122	100	0.097	100	0.076	100	0.109	100
DE0009R	antimony	precip	0.080	100	0.090	100	0.075	100	0.090	100	0.144	100	0.090	100	0.072	100	0.101	100	0.094	100	0.093	100	0.045	100	0.077	100	0.084	100
GB0048R	antimony	precip	0.029	100	0.029	100	0.049	100	0.082	100	0.059	94	0.035	98	0.049	99	0.034	100	0.036	100	0.034	100	0.036	100	0.013	100	0.037	100
GB1055R	antimony	precip	0.022	100	0.032	100	0.044	100	0.054	93	0.267	93	0.129	28	0.037	89	0.018	85	0.023	94	0.041	100	0.075	100	0.018	100	0.052	96
BE0014R	arsenic	precip	0.043	100	0.081	100	0.046	100	0.052	100	0.114	98	0.090	84	0.120	97	0.057	100	0.050	100	0.026	99	0.024	100	0.020	100	0.050	100
CZ0005R	arsenic	precip	0.063	100	0.273	100	0.138	100	0.094	100	0.122	100	0.140	100	0.084	100	0.126	100	0.126	100	0.065	100	0.162	94	0.044	100	0.105	100
DE0001R	arsenic	precip	0.039	100	0.056	97	0.077	100	0.174	100	0.210	100	0.195	100	0.050	3	0.052	100	0.048	100	0.067	100	0.073	100	0.048	100	0.076	99
DE0002R	arsenic	precip	0.032	100	0.060	98	0.140	100	0.163	99	0.182	98	0.071	100	0.095	100	0.140	100	0.117	100	0.055	100	0.107	100	0.038	100	0.095	100
DE0003R	arsenic	precip	0.017	100	0.013	100	0.029	100	0.086	100	0.060	100	0.047	100	0.056	100	0.045	100	0.046	100	0.239	94	0.025	100	0.022	100	0.036	100
DE0007R	arsenic	precip	0.060	100	0.067	97	0.191	99	0.132	100	0.647	99	0.367	99	0.069	100	0.316	100	0.161	100	0.068	100	0.075	100	0.049	100	0.151	100
DE0008R	arsenic	precip	0.034	100	0.073	100	0.080	100	0.071	99	0.187	100	0.066	100	0.061	100	0.089	100	0.037	99	0.057	100	0.044	100	0.028	100	0.068	100
DE0009R	arsenic	precip	0.063	100	0.175	100	0.091	100	0.066	100	0.356	100	0.064	100	0.067	100	0.103	100	0.136	100	0.065	100	0.038	100	0.041	100	0.083	100
DK0005R	arsenic	precip	0.049	100	0.223	100	0.111	100	0.155	100	0.196	100	0.127	100	0.223	100	0.145	100	0.093	100	0.173	100	0.157	100	0.089	100	0.127	100
DK0008R	arsenic	precip	0.288	100	0.194	100	0.344	100	0.331	100	0.333	100	0.443	100	0.851	100	0.162	100	0.171	100	0.212	100	0.356	100	0.245	100	0.258	100
DK0012R	arsenic	precip	0.045	100	0.180	100	0.130	100	0.250	100	0.236	100	0.563	100	0.436	100	0.109	100	0.152	100	0.068	100	0.118	100	0.075	100	0.128	100
DK0022R	arsenic	precip	0.058	100	0.062	100	0.212	100	0.150	100	0.152	100	0.128	100	0.196	100	0.045	100	0.045	100	0.060	100	0.120	100	0.036	100	0.080	100
EE0009R	arsenic	precip	0.070	100	0.188	100	0.091	100	0.140	100	0.164	100	0.090	100	0.086	100	0.060	100	0.060	100	0.050	100	0.060	100	0.070	100	0.080	100
ES0008R	arsenic	precip	0.055	100	0.055	100	0.053	100	0.096	100	0.094	100	0.114	100	0.098	100	0.117	100	0.102	100	0.071	100	0.051	100	0.133	100	0.075	100
ES0009R	arsenic	precip	0.038	100	0.184	100	0.020	100	0.260	100	0.094	100	0.099	100	0.087	100	0.130	100	0.152	100	0.037	100	0.031	100	0.109	100	0.083	100
FI0018R	arsenic	precip	0.163	100	0.246	100	0.258	100	0.105	100	0.154	100	0.105	100	0.076	100	0.055	100	0.047	100	0.050	100	0.272	100	0.073	100	0.095	100
FI0036R	arsenic	precip	0.030	100	0.111	100	0.049	100	0.047	100	0.082	100	0.036	100	0.077	100	0.038	100	0.031	100	0.043	100	0.021	100	0.015	100	0.041	100
FI0050R	arsenic	precip	0.044	100	0.095	100	0.121	100	0.092	100	0.032	100	0.043	100	0.077	100	0.092	100	0.056	100	0.068	100	0.210	100	0.061	100	0.070	100
FI0053R	arsenic	precip	0.039	100	0.226	100	0.100	100	0.087	100	0.048	100	0.041	100	0.071	100	0.062	100	0.044	100	0.068	100	0.200	100	0.043	100	0.061	100
FI0092R	arsenic	precip	0.043	100	0.044	55	0.065	97	0.068	100	0.082	100	0.057	100	0.051	100	0.035	100	0.030	100	0.059	100	0.042	100	0.017	100	0.045	98
FI0093R	arsenic	precip	0.060	100	0.120	100	0.090	100	0.067	100	0.056	100	0.031	100	0.044	100	0.043	100	0.034	100	0.073	100	0.122	100	0.045	100	0.058	100
FR0008R	arsenic	precip_tot	0.033	96	0.069	100	0.071	100	0.073	100	0.269	69	NaN	0	0.066	47	0.066	100	0.047	100	0.033	100	0.031	21	NaN	0	0.056	69
FR0009R	arsenic	precip_tot	0.018	9	0.056	100	0.056	100	0.076	100	0.097	100	0.105	100	0.294	100	0.137	43	0.066	65	0.066	100	0.026	100	0.044	100	0.068	85
FR0013R	arsenic	precip_tot	0.051	100	0.052	100	0.037	100	0.051	100	0.064	100	0.069	100	0.111	53	0.149	57	0.139	100	0.078	100	0.045	100	0.046	100	0.061	92
FR0023R	arsenic	precip_tot	0.046	100	0.044	100	0.011	100	0.068	100	0.061	100	0.076	100	0.057	100	0.065	100	0.103	100	0.028	100	0.024	100	0.032	100	0.044	100
FR0024R	arsenic	precip_tot	0.059	99	0.090	100	0.056	100	0.097	100	0.156	100	0.118	100	0.219	100	0.261	100	0.251	100	0.409	100	0.082	100	0.064	100	0.132	100
FR0025R	arsenic	precip_tot	0.051	100	0.046	100	0.053	100	0.092	100	0.125	100	0.102	100	0.139	100	0.251	100	0.266	100	0.105	100	0.046	100	0.049	100	0.087	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FR0090R	arsenic	precip	0.061	100	0.072	100	0.029	100	0.039	100	0.381	100	0.272	100	0.577	100	0.067	100	0.108	100	0.053	100	0.024	100	0.095	100	0.102	100
GB0006R	arsenic	precip	0.139	100	0.139	100	0.141	100	0.092	100	0.216	100	0.146	100	0.139	100	0.211	100	0.206	100	0.069	100	0.228	100	0.188	100	0.163	100
GB0013R	arsenic	precip	0.123	100	0.224	100	0.154	67	0.077	60	0.135	53	0.228	33	0.052	89	0.046	74	0.089	100	0.011	100	0.062	99	0.069	100	0.093	87
GB0017R	arsenic	precip	0.220	100	0.295	100	0.260	100	0.133	100	0.131	36	-	0	-	0	-	0	-	0	0.126	89	0.298	100	0.355	100	0.210	69
GB0048R	arsenic	precip	0.161	100	0.271	100	0.134	100	0.115	100	0.085	94	0.038	98	0.066	99	0.051	100	0.155	100	0.046	100	0.067	100	0.035	100	0.100	100
GB1055R	arsenic	precip	0.190	100	0.233	100	0.063	100	0.068	93	0.173	93	0.196	28	0.039	89	0.026	85	0.106	94	0.041	100	0.082	100	0.030	100	0.088	96
IS0091R	arsenic	precip	0.033	100	0.109	100	0.080	100	0.099	100	0.027	100	0.068	100	0.061	100	0.078	100	0.070	100	0.099	100	0.100	28	0.070	88	0.071	94
LV0010R	arsenic	precip	0.100	100	0.131	99	0.211	98	0.304	100	0.486	97	0.100	100	0.129	100	0.100	100	0.100	100	-	-	-	-	-	-	0.176	99
NL0010R	arsenic	precip	0.037	100	0.075	100	0.126	100	0.322	100	0.199	100	0.122	100	-	-	0.137	100	0.177	100	0.211	100	0.067	100	0.030	100	0.125	100
NL0091R	arsenic	precip	0.003	100	0.058	100	0.067	100	0.101	100	0.072	100	0.100	100	0.170	96	0.054	100	0.049	100	0.063	100	0.030	100	0.021	100	0.052	100
NO0001R	arsenic	precip	0.063	100	0.294	100	0.162	100	0.068	100	0.094	100	0.037	100	0.065	100	0.058	100	0.035	100	0.046	100	0.122	100	0.067	100	0.095	100
PL0005R	arsenic	precip	0.439	100	0.467	100	0.350	100	0.256	100	0.300	100	0.387	100	0.252	100	0.260	100	0.251	100	0.299	100	0.260	100	0.241	100	0.289	100
SE0005R	arsenic	precip	0.079	100	0.170	100	0.050	100	0.050	100	0.089	100	0.080	100	0.097	100	0.050	100	0.050	100	0.058	100	0.050	100	0.076	100	0.066	100
SE0014R	arsenic	precip	0.120	100	0.220	100	0.211	100	0.172	100	0.260	100	0.100	100	0.118	100	0.090	100	0.090	100	0.088	100	0.400	100	0.104	100	0.154	100
SE0020R	arsenic	precip	0.169	100	0.369	100	0.147	100	0.131	100	0.214	100	0.350	100	0.171	100	0.103	100	0.120	100	0.111	100	0.130	100	0.100	100	0.154	100
SE0022R	arsenic	precip	0.050	100	0.053	100	0.260	100	0.112	100	0.091	63	0.080	100	0.051	100	0.082	100	0.050	100	0.069	100	0.190	100	0.110	100	0.081	99
SI0008R	arsenic	precip	0.025	100	0.025	100	0.088	100	0.180	100	0.239	100	0.055	100	0.153	100	0.051	100	0.080	100	0.059	100	0.027	97	0.114	26	0.071	96
SK0002R	arsenic	precip	1.550	100	0.130	100	0.060	100	0.240	100	0.170	100	0.080	100	0.100	100	0.100	100	0.120	100	0.090	100	0.270	100	0.010	100	0.301	100
SK0004R	arsenic	precip	0.030	100	0.140	100	0.060	100	0.140	100	0.080	100	0.070	100	0.080	100	0.090	100	0.020	100	0.050	100	0.100	100	0.050	100	0.071	100
SK0006R	arsenic	precip	6.179	100	1.776	100	0.062	100	0.101	100	0.040	100	0.053	100	0.091	100	0.147	100	0.113	100	0.114	100	0.110	100	0.138	100	0.520	100
SK0007R	arsenic	precip	0.180	100	0.070	100	0.130	100	0.190	100	0.010	100	0.040	100	-	-	0.080	100	0.010	100	0.190	100	0.050	100	0.010	100	0.065	100
GB0048R	barium	precip	0.247	100	0.314	100	10.213	100	0.881	100	0.974	94	0.493	98	0.891	99	0.598	100	0.465	100	0.295	100	0.398	100	0.197	100	1.250	100
GB1055R	barium	precip	0.268	100	0.411	100	0.415	100	0.691	93	7.566	93	1.444	28	1.303	89	0.579	85	0.526	94	0.493	100	0.512	100	0.171	100	0.871	96
GB0048R	beryllium	precip	0.002	100	0.002	100	0.002	100	0.003	100	0.002	94	0.002	98	0.003	99	0.002	100	0.002	100	0.003	100	0.002	100	0.002	100	0.002	100
GB1055R	beryllium	precip	0.004	100	0.002	100	0.002	100	0.002	93	0.004	99	0.002	28	0.002	89	0.002	85	0.002	94	0.002	100	0.002	100	0.002	100	0.002	96
BE0014R	cadmium	precip	0.015	100	0.028	100	0.028	100	0.016	100	0.033	98	0.030	84	0.040	97	0.016	100	0.024	100	0.002	99	0.009	100	0.010	100	0.018	100
CZ0003R	cadmium	precip	0.026	94	0.021	90	0.051	78	0.061	91	0.028	100	0.027	99	0.020	98	0.024	99	0.032	99	0.022	97	0.026	88	0.016	97	0.026	96
CZ0005R	cadmium	precip	0.013	100	0.033	100	0.032	100	0.028	100	0.026	100	0.017	100	0.017	100	0.017	100	0.016	100	0.021	100	0.029	94	0.011	100	0.019	100
DE0001R	cadmium	precip	0.011	100	0.013	97	0.015	100	0.029	100	0.042	100	0.044	100	0.008	3	0.012	100	0.010	100	0.010	100	0.027	100	0.011	100	0.016	99
DE0002R	cadmium	precip	0.012	100	0.015	98	0.022	100	0.027	99	0.042	98	0.016	100	0.013	100	0.036	100	0.021	100	0.012	100	0.027	100	0.012	100	0.019	100
DE0003R	cadmium	precip	0.004	100	0.004	100	0.015	100	0.020	100	0.023	100	0.008	100	0.010	100	0.009	100	0.011	100	0.193	94	0.009	100	0.005	100	0.011	100
DE0007R	cadmium	precip	0.015	100	0.013	97	0.041	99	0.026	100	0.116	99	0.065	99	0.013	100	0.040	100	0.020	100	0.017	100	0.023	100	0.022	100	0.029	100
DE0008R	cadmium	precip	0.013	100	0.021	100	0.020	100	0.029	99	0.036	100	0.013	100	0.013	100	0.018	100	0.009	99	0.016	100	0.012	100	0.011	100	0.017	100
DE0009R	cadmium	precip	0.016	100	0.024	100	0.022	100	0.016	100	0.061	100	0.014	100	0.014	100	0.021	100	0.026	100	0.013	100	0.020	100	0.012	100	0.018	100
DK0005R	cadmium	precip	0.013	100	0.039	100	0.021	100	0.045	100	0.033	100	0.074	100	0.134	100	0.033	100	0.018	100	0.035	100	0.187	100	0.152	100	0.064	100
DK0008R	cadmium	precip	0.017	100	0.032	100	0.067	100	0.071	100	0.072	100	0.157	100	0.217	100	0.022	100	0.026	100	0.035	100	0.040	100	0.019	100	0.036	100
DK0012R	cadmium	precip	0.016	100	0.029	100	0.033	100	0.060	100	0.045	100	0.136	100	0.172	100	0.015	100	0.046	100	0.030	100	0.034	100	0.019	100	0.031	100
DK0022R	cadmium	precip	0.014	100	0.009	100	0.035	100	0.029	100	0.028	100	0.025	100	0.041	100	0.012	100	0.011	100	0.011	100	0.024	100	0.010	100	0.017	100
EE0009R	cadmium	precip	0.040	100	0.511	100	0.037	100	0.060	100	0.191	100	0.020	100	0.024	100	0.050	100	0.040	100	0.090	100	0.150	100	0.299	100	0.096	100
EE0011R	cadmium	precip	0.049	100	0.050	100	0.060	100	0.060	100	0.011	100	0.030	100	0.010	100	0.010	100	0.030	100	0.050	100	0.060	100	0.100	100	0.042	100
ES0008R	cadmium	precip	0.053	100	0.045	100	0.058	100	0.039	100	0.040	100	0.064	100	0.176	100	0.076	100	0.044	100	0.052	100	0.126	100	0.046	100	0.069	100
ES0009R	cadmium	precip	0.025	100	0.226	100	0.058	100	0.120	100	0.058	100	0.067	100	0.040	100	0.040	100	0.518	100	0.031	100	0.067	100	0.023	100	0.086	100
FI0018R	cadmium	precip	0.060	100	0.069	100	0.080	100	0.029	100	0.056	100	0.013	100	0.012	100	0.006	100	0.015	100	0.014	100	0.125	100	0.070	100	0.033	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FI0036R	cadmium	precip	0.008	100	0.023	100	0.010	100	0.010	100	0.053	100	0.007	100	0.009	100	0.007	100	0.006	100	0.010	100	0.006	100	0.007	100	0.010	100
FI0050R	cadmium	precip	0.015	100	0.027	100	0.035	100	0.020	100	0.036	100	0.006	100	0.010	100	0.019	100	0.012	100	0.014	100	0.070	100	0.023	100	0.018	100
FI0053R	cadmium	precip	0.009	100	0.068	100	0.028	100	0.025	100	0.103	100	0.006	100	0.021	100	0.012	100	0.009	100	0.014	100	0.059	100	0.012	100	0.018	100
FI0092R	cadmium	precip	0.012	100	0.012	55	0.024	97	0.024	100	0.060	100	0.013	100	0.013	100	0.007	100	0.011	100	0.013	100	0.015	100	0.009	100	0.014	98
FI0093R	cadmium	precip	0.020	100	0.035	100	0.025	100	0.018	100	0.064	100	0.005	100	0.007	100	0.009	100	0.007	100	0.012	100	0.047	100	0.024	100	0.018	100
FR0008R	cadmium	precip_tot	0.002	96	0.021	100	0.066	100	0.043	100	0.089	69	NaN	0	0.015	47	0.020	100	0.015	100	0.006	100	0.004	21	NaN	0	0.024	69
FR0009R	cadmium	precip_tot	0.006	9	0.020	100	0.009	100	0.038	100	0.054	100	0.043	100	0.097	100	0.065	43	0.022	65	0.027	100	0.012	100	0.013	100	0.027	85
FR0013R	cadmium	precip_tot	0.009	100	0.015	100	0.002	100	0.011	100	0.017	100	0.012	100	0.001	53	0.048	57	0.023	100	0.017	100	0.011	100	0.004	100	0.012	92
FR0023R	cadmium	precip_tot	0.007	100	0.016	100	0.002	100	0.020	100	0.020	100	0.018	100	0.013	100	0.021	100	0.023	100	0.004	100	0.006	100	0.006	100	0.011	100
FR0024R	cadmium	precip_tot	0.009	99	0.036	100	0.003	100	0.018	100	0.023	100	0.012	100	0.004	100	0.025	100	0.021	100	0.022	100	0.007	100	0.005	100	0.014	100
FR0025R	cadmium	precip_tot	0.006	100	0.018	100	0.043	100	0.023	100	0.044	100	0.032	100	0.004	100	0.034	100	0.140	100	0.053	100	0.015	100	0.012	100	0.027	100
FR0090R	cadmium	precip	0.005	100	0.010	100	0.005	100	0.006	100	0.052	100	0.038	100	0.018	100	0.008	100	0.028	100	0.032	100	0.004	100	0.007	100	0.012	100
GB0006R	cadmium	precip	0.002	100	0.002	100	0.013	100	0.010	100	0.004	100	0.009	100	0.002	100	0.002	100	0.004	100	0.002	100	0.006	100	0.002	100	0.005	100
GB0013R	cadmium	precip	0.002	100	0.007	100	0.012	67	0.009	60	0.019	53	0.015	33	0.009	89	0.003	74	0.009	100	0.007	100	0.005	99	0.002	100	0.006	87
GB0017R	cadmium	precip	0.009	100	0.013	100	0.039	100	0.048	100	0.048	36	-	-	-	-	-	-	-	-	0.011	89	0.037	100	0.046	100	0.028	69
GB0048R	cadmium	precip	0.007	100	0.007	100	0.010	100	0.021	100	0.017	94	0.012	98	0.012	99	0.005	100	0.006	100	0.006	100	0.007	100	0.004	100	0.009	100
GB1055R	cadmium	precip	0.006	100	0.012	100	0.009	100	0.012	93	0.035	93	0.038	28	0.003	89	0.005	85	0.005	94	0.008	100	0.012	100	0.002	100	0.009	96
HU0002R	cadmium	precip	0.170	100	0.015	100	0.009	100	0.018	100	0.012	100	0.015	100	0.032	100	0.026	100	0.035	100	0.023	99	0.012	100	0.027	100	0.025	100
IS0091R	cadmium	precip	0.012	100	0.030	100	0.040	100	0.030	100	0.011	100	0.028	100	0.020	100	0.010	100	0.010	100	0.020	100	0.020	28	0.010	88	0.018	94
LV0010R	cadmium	precip	0.020	100	0.026	99	0.034	98	0.031	100	0.011	97	0.023	100	0.032	100	0.031	100	0.047	100	-	-	-	-	-	-	0.027	99
NL0010R	cadmium	precip	0.034	100	0.034	100	0.040	100	0.113	100	0.058	100	0.009	100	-	-	0.030	100	0.072	100	0.063	100	0.018	100	0.024	100	0.042	100
NL0091R	cadmium	precip	0.004	100	0.005	100	0.015	100	0.017	100	0.018	100	0.033	100	0.040	96	0.014	100	0.008	100	0.005	100	0.005	100	0.012	100	0.012	100
NO0001R	cadmium	precip	0.016	100	0.033	100	0.071	100	0.021	100	0.025	100	0.018	100	0.013	100	0.014	100	0.022	100	0.011	100	0.023	100	0.016	100	0.022	100
NO0039R	cadmium	precip	0.003	100	0.004	100	0.007	100	0.005	100	0.013	100	0.008	100	0.011	100	0.003	100	0.003	100	0.003	100	0.010	92	0.005	100	0.005	100
NO0056R	cadmium	precip	0.027	100	0.033	100	0.022	100	0.013	100	0.050	100	0.014	100	0.015	99	0.017	100	0.010	100	0.022	100	0.016	100	0.024	100	0.019	100
PL0004R	cadmium	precip	0.012	100	0.039	100	0.061	100	0.054	100	0.054	100	0.015	100	0.016	100	0.015	100	0.011	100	0.007	100	0.015	100	0.012	100	0.021	100
PL0005R	cadmium	precip	0.068	100	0.049	100	0.040	100	0.067	100	0.030	100	0.030	100	0.059	100	0.030	100	0.030	100	0.020	100	0.030	100	0.020	100	0.039	100
SE0005R	cadmium	precip	0.017	100	0.029	100	0.020	100	0.010	100	0.034	100	0.190	100	0.023	100	0.010	100	0.010	100	0.010	100	0.010	100	0.010	100	0.023	100
SE0014R	cadmium	precip	0.020	100	0.030	100	0.062	100	0.119	100	0.060	100	0.020	100	0.037	100	0.030	100	0.021	100	0.012	100	0.040	100	0.012	100	0.037	100
SE0020R	cadmium	precip	0.020	100	0.031	100	0.038	100	0.030	100	0.054	100	0.110	100	0.055	100	0.059	100	0.120	100	0.147	100	0.043	100	0.050	100	0.067	100
SE0022R	cadmium	precip	0.020	100	0.021	100	0.070	100	0.021	100	0.014	63	0.010	100	0.029	100	0.018	100	0.010	100	0.013	100	0.057	100	0.030	100	0.023	99
SI0008R	cadmium	precip	0.025	100	0.005	100	0.021	100	0.027	100	0.022	100	0.005	100	0.013	100	0.007	100	0.012	100	0.014	100	0.005	97	0.022	26	0.013	96
SK0002R	cadmium	precip	0.002	100	0.010	100	0.020	100	0.790	100	0.020	100	0.010	100	0.010	100	0.003	100	0.010	100	0.005	100	0.020	100	0.010	100	0.034	100
SK0004R	cadmium	precip	0.002	100	0.002	100	0.015	100	0.067	100	0.002	100	0.005	100	0.002	100	0.002	100	0.002	100	0.002	100	0.002	100	0.020	100	0.007	100
SK0006R	cadmium	precip	0.009	100	0.008	100	0.018	100	0.023	100	0.006	100	0.003	100	0.031	100	0.003	100	0.025	100	0.040	100	0.009	100	0.033	100	0.019	100
SK0007R	cadmium	precip	0.003	100	0.002	100	0.003	100	0.014	100	0.002	100	0.002	100	-	-	0.002	100	0.002	100	0.003	100	0.002	100	0.002	100	0.003	100
GB0048R	cesium	precip	0.001	100	0.001	100	0.002	100	0.004	100	0.004	94	0.002	98	0.004	99	0.001	100	0.001	100	0.003	100	0.002	100	0.001	100	0.002	100
GB1055R	cesium	precip	0.001	100	0.002	100	0.002	100	0.002	93	0.008	93	0.003	28	0.001	89	0.001	100	0.001	94	0.002	100	0.002	100	0.001	100	0.002	97
BE0014R	chromium	precip	0.06	100	0.09	100	0.07	100	0.10	100	0.20	98	0.28	84	0.22	97	0.12	100	0.05	100	0.11	99	0.15	100	0.08	100	0.10	100
CZ0003R	chromium	precip	0.23	94	0.07	90	0.19	78	0.92	91	0.10	100	0.11	99	0.12	98	0.21	99	0.07	99	0.07	97	0.08	88	0.07	97	0.13	96
CZ0005R	chromium	precip	0.04	100	0.11	100	0.10	100	0.22	100	0.07	100	0.14	100	0.11	100	0.07	100	0.06	100	0.06	100	0.05	94	0.03	100	0.07	100
DE0001R	chromium	precip	0.07	100	0.09	97	0.06	100	0.15	100	0.16	100	0.15	100	0.17	3	0.09	100	0.07	100	0.22	100	0.17	100	0.09	100	0.10	99
DE0002R	chromium	precip	0.06	100	0.09	98	0.08	100	0.13	99	0.25	98	0.11	100	0.10	100	0.27	100	0.20	100	0.09	100	0.14	100	0.08	100	0.12	100
DE0003R	chromium	precip	0.03	100	0.02	100	0.04	100	0.17	100	0.12	100	0.10	100	0.10	100	0.10	100	0.10	100	0.28	94	0.04	100	0.05	100	0.07	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
DE0007R	chromium	precip	0.06	100	0.11	97	0.07	99	0.11	100	0.26	99	0.19	99	0.04	100	0.21	100	0.16	100	0.10	100	0.21	100	0.06	100	0.11	100
DE0008R	chromium	precip	0.05	100	0.11	100	0.09	100	0.11	99	0.10	100	0.10	100	0.09	100	0.18	100	0.07	99	0.07	100	0.14	100	0.09	100	0.09	100
DE0009R	chromium	precip	0.06	100	0.17	100	0.06	100	0.10	100	0.24	100	0.08	100	0.09	100	0.20	100	0.22	100	0.13	100	0.14	100	0.13	100	0.12	100
DK0005R	chromium	precip	0.57	100	0.93	100	0.49	100	0.23	100	0.44	100	0.20	100	0.59	100	0.84	100	0.29	100	0.21	100	0.31	100	0.25	100	0.42	100
DK0008R	chromium	precip	0.28	100	0.16	100	0.14	100	0.48	100	0.48	100	0.60	100	1.45	100	0.16	100	0.21	100	0.17	100	0.16	100	0.09	100	0.22	100
DK0012R	chromium	precip	0.09	100	0.11	100	0.11	100	0.66	100	0.24	100	1.12	100	0.49	100	0.06	100	0.27	100	0.12	100	0.18	100	0.05	100	0.15	100
DK0022R	chromium	precip	0.06	100	0.06	100	0.11	100	0.17	100	0.19	100	0.14	100	0.27	100	0.10	100	0.04	100	0.07	100	0.07	100	0.04	100	0.09	100
ES0008R	chromium	precip	0.96	100	1.23	100	0.57	100	0.51	100	0.54	100	1.52	100	1.14	100	1.14	100	0.93	100	0.56	100	0.64	100	2.63	100	0.93	100
ES0009R	chromium	precip	0.65	100	0.73	100	0.65	100	11.79	100	4.47	100	2.35	100	3.00	100	3.08	100	8.51	100	2.96	100	2.29	100	3.40	100	2.83	100
FI0018R	chromium	precip	0.08	100	0.12	100	0.20	100	0.09	100	0.34	100	0.18	100	0.04	100	0.08	100	0.06	100	0.08	100	0.23	100	0.08	100	0.09	100
FI0036R	chromium	precip	0.03	100	0.10	100	0.05	100	0.05	100	0.12	100	0.04	100	0.09	100	0.06	100	0.04	100	0.04	100	0.04	100	0.02	100	0.05	100
FI0050R	chromium	precip	0.04	100	0.09	100	0.09	100	0.08	100	0.08	100	0.08	100	0.08	100	0.07	100	0.05	100	0.06	100	0.12	100	0.05	100	0.07	100
FI0053R	chromium	precip	0.06	100	0.43	100	0.21	100	0.13	100	0.11	100	0.15	100	0.37	100	0.08	100	0.07	100	0.08	100	0.22	100	0.10	100	0.10	100
FI0092R	chromium	precip	0.04	100	0.04	55	0.06	97	0.08	100	0.21	100	0.09	100	0.07	100	0.04	100	0.06	100	0.05	100	0.05	100	0.05	100	0.06	98
FI0093R	chromium	precip	0.04	100	0.07	100	0.10	100	0.06	100	0.16	100	0.06	100	0.07	100	0.06	100	0.04	100	0.04	100	0.08	100	0.05	100	0.06	100
FR0090R	chromium	precip	0.03	100	0.03	100	0.02	100	0.13	100	0.19	100	0.19	100	0.05	100	0.03	100	0.08	100	0.03	100	0.01	100	0.02	100	0.04	100
GB0006R	chromium	precip	0.02	100	0.02	100	0.09	100	0.02	100	0.13	100	0.10	100	0.03	100	0.02	100	0.06	100	0.02	100	0.09	100	0.03	100	0.05	100
GB0013R	chromium	precip	0.10	100	0.22	100	0.07	67	0.04	78	0.06	55	0.09	33	0.06	89	0.02	74	0.04	100	0.03	100	0.13	99	0.04	100	0.07	88
GB0017R	chromium	precip	0.17	100	0.21	100	0.18	100	0.13	100	0.13	36	-	-	-	-	-	-	-	-	0.05	89	0.13	100	0.15	100	0.15	69
GB0048R	chromium	precip	0.14	100	0.26	100	0.12	100	0.09	100	0.11	94	0.05	98	0.02	99	0.08	100	0.06	100	0.04	100	0.09	100	0.05	100	0.09	100
GB1055R	chromium	precip	0.15	100	0.18	100	0.05	100	0.07	93	0.16	93	0.11	28	0.02	89	0.09	85	0.08	94	0.03	100	0.11	100	0.03	100	0.08	96
IS0091R	chromium	precip	0.56	100	0.60	100	0.79	100	1.96	100	0.41	100	0.83	100	0.38	100	1.49	100	1.43	100	1.30	100	1.30	28	0.71	88	0.97	94
NL0010R	chromium	precip	0.07	100	0.14	100	0.21	100	0.42	100	0.32	100	0.14	100	-	-	0.21	100	0.27	100	0.44	100	0.11	100	0.02	100	0.19	100
NL0091R	chromium	precip	0.06	100	0.12	100	0.08	100	0.16	100	0.06	100	0.17	100	0.75	96	0.07	100	0.03	100	0.07	99	0.03	98	0.04	100	0.08	100
NO0001R	chromium	precip	0.05	100	0.05	100	0.17	100	0.15	100	0.09	100	0.13	100	0.19	100	0.05	100	0.05	100	0.06	100	0.06	100	0.05	100	0.07	100
PL0004R	chromium	precip	0.07	100	0.12	100	0.07	100	0.11	100	0.06	100	0.05	100	0.04	100	0.06	100	0.08	100	0.02	100	0.04	100	0.04	100	0.06	100
PL0005R	chromium	precip	0.06	100	0.05	100	0.07	100	0.60	100	0.03	100	0.05	100	0.08	100	0.09	100	0.08	100	0.05	100	0.04	100	0.02	100	0.08	100
SE0005R	chromium	precip	0.38	100	0.20	100	0.26	100	0.08	100	0.07	100	0.08	100	0.11	100	0.05	100	0.09	100	0.07	100	0.03	100	0.04	100	0.08	100
SE0014R	chromium	precip	0.04	100	0.07	100	0.10	100	0.10	100	0.16	100	0.19	100	0.22	100	0.07	100	0.17	100	0.05	100	0.06	100	0.04	100	0.09	100
SE0020R	chromium	precip	0.07	100	0.10	100	0.08	100	0.12	100	0.25	100	0.16	100	0.41	100	0.29	100	0.15	100	0.06	100	0.05	100	0.03	100	0.11	100
SE0022R	chromium	precip	0.04	100	0.05	100	0.27	100	0.11	100	0.13	63	0.14	100	0.09	100	0.15	100	0.06	100	0.08	100	0.11	100	0.05	100	0.09	99
SI0008R	chromium	precip	0.02	100	0.02	100	0.04	100	0.29	100	0.09	100	0.08	100	0.05	100	0.01	100	0.01	100	0.02	100	0.03	97	0.01	26	0.05	96
SK0002R	chromium	precip	0.54	100	0.86	100	0.02	100	0.48	100	0.52	100	0.15	100	0.21	100	0.15	100	0.30	100	0.11	100	0.59	100	0.02	100	0.27	100
SK0004R	chromium	precip	0.02	100	0.41	100	0.03	100	0.43	100	0.01	100	0.07	100	0.17	100	0.04	100	0.01	100	0.01	100	0.09	100	0.12	100	0.09	100
SK0006R	chromium	precip	0.90	100	0.89	100	0.26	100	0.44	100	0.06	100	0.11	100	0.20	100	0.18	100	0.07	100	0.09	100	0.11	100	0.13	100	0.22	100
SK0007R	chromium	precip	0.01	100	0.39	100	0.03	100	0.84	100	0.05	100	0.02	100	-	-	0.03	100	0.01	100	0.28	100	0.04	100	0.01	100	0.09	100
CZ0003R	cobalt	precip	0.02	94	0.01	90	0.03	78	0.52	91	0.03	100	0.05	99	0.06	98	0.09	99	0.02	99	0.04	97	0.03	88	0.01	97	0.05	96
CZ0005R	cobalt	precip	0.02	100	0.07	100	0.05	100	0.17	100	0.03	100	0.04	100	0.03	100	0.03	100	0.03	100	0.02	100	0.02	94	0.01	100	0.03	100
DE0001R	cobalt	precip	0.03	100	0.03	97	0.02	100	0.08	100	0.06	100	0.05	100	0.05	3	0.04	100	0.03	100	0.03	100	0.03	100	0.02	100	0.04	99
DE0002R	cobalt	precip	0.02	100	0.02	98	0.03	100	0.07	99	0.11	98	0.05	100	0.04	100	0.12	100	0.08	100	0.04	100	0.03	100	0.02	100	0.04	100
DE0003R	cobalt	precip	0.01	100	0.01	100	0.02	100	0.10	100	0.04	100	0.05	100	0.04	100	0.03	100	0.02	100	0.11	94	0.02	100	0.02	100	0.02	100
DE0007R	cobalt	precip	0.02	100	0.02	97	0.02	99	0.05	100	0.14	99	0.10	99	0.04	100	0.10	100	0.09	100	0.03	100	0.02	100	0.01	100	0.05	100
DE0008R	cobalt	precip	0.01	100	0.03	100	0.02	100	0.05	99	0.05	100	0.05	100	0.05	100	0.07	100	0.04	99	0.03	100	0.02	100	0.01	100	0.03	100
DE0009R	cobalt	precip	0.05	100	0.03	100	0.02	100	0.03	100	0.07	100	0.04	100	0.04	100	0.05	100	0.07	100	0.03	100	0.02	100	0.02	100	0.04	100
FI0018R	cobalt	precip	0.02	100	0.03	100	0.06	100	0.04	100	0.17	100	0.09	100	0.02	100	0.02	100	0.01	100	0.02	100	0.10	100	0.01	100	0.03	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
FI0036R	cobalt	precip	0.00	100	0.02	100	0.01	100	0.02	100	0.04	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.00	100	0.01	100
FI0050R	cobalt	precip	0.01	100	0.01	100	0.03	100	0.04	100	0.01	100	0.04	100	0.02	100	0.04	100	0.01	100	0.01	100	0.04	100	0.01	100	0.02	100
FI0053R	cobalt	precip	0.02	100	0.07	100	0.04	100	0.07	100	0.02	100	0.03	100	0.08	100	0.03	100	0.02	100	0.03	100	0.18	100	0.07	100	0.03	100
FI0092R	cobalt	precip	0.00	100	0.00	55	0.01	97	0.02	100	0.06	100	0.02	100	0.01	100	0.01	100	0.01	100	0.01	100	0.01	100	0.00	100	0.01	98
FI0093R	cobalt	precip	0.01	100	0.01	100	0.02	100	0.03	100	0.04	100	0.03	100	0.01	100	0.01	100	0.01	100	0.01	100	0.03	100	0.01	100	0.02	100
FR0090R	cobalt	precip	0.00	100	0.01	100	0.01	100	0.05	100	0.17	100	0.08	100	0.03	100	0.01	100	0.04	100	0.02	100	0.01	100	0.01	100	0.02	100
GB0048R	cobalt	precip	0.01	100	0.01	100	0.01	100	0.03	100	0.02	94	0.01	98	0.01	99	0.01	100	0.01	100	0.01	100	0.00	100	0.00	100	0.01	100
GB1055R	cobalt	precip	0.01	100	0.01	100	0.01	100	0.02	93	0.04	93	0.04	28	0.01	89	0.01	85	0.01	94	0.01	100	0.01	100	0.00	100	0.01	96
IS0091R	cobalt	precip	0.15	100	0.22	100	0.12	100	0.28	100	0.05	100	0.08	100	0.07	100	0.28	100	0.39	100	0.48	100	0.48	28	0.30	88	0.24	94
NO0001R	cobalt	precip	0.01	100	0.01	100	0.02	100	0.04	100	0.03	100	0.04	100	0.08	100	0.03	100	0.01	100	0.02	100	0.01	100	0.07	100	0.03	100
SE0005R	cobalt	precip	0.01	100	0.02	100	0.02	100	0.02	100	0.02	100	0.03	100	0.03	100	0.02	100	0.01	100	0.03	100	0.02	100	0.04	100	0.02	100
SE0014R	cobalt	precip	0.02	100	0.02	100	0.03	100	0.05	100	0.06	100	0.03	100	0.05	100	0.03	100	0.02	100	0.01	100	0.02	100	0.02	100	0.03	100
SE0020R	cobalt	precip	0.01	100	0.02	100	0.02	100	0.04	100	0.08	100	0.10	100	0.13	100	0.08	100	0.04	100	0.04	100	0.02	100	0.02	100	0.04	100
SE0022R	cobalt	precip	0.01	100	0.01	100	0.03	100	0.06	100	0.05	63	0.04	100	0.03	100	0.03	100	0.01	100	0.02	100	0.05	100	0.01	100	0.03	99
SI0008R	cobalt	precip	0.07	100	0.08	100	0.08	100	0.28	100	0.20	100	0.16	100	0.10	100	0.08	100	0.08	100	0.08	100	0.08	97	0.08	26	0.10	96
BE0014R	copper	precip	0.91	100	8.43	100	1.24	100	3.40	100	3.99	98	4.20	84	2.86	97	2.40	100	3.94	100	0.94	99	1.04	100	0.97	100	2.38	100
CZ0005R	copper	precip	0.72	100	1.44	100	1.82	100	2.21	100	0.86	100	1.12	100	1.36	100	1.03	100	1.10	100	1.18	100	0.85	94	0.66	100	1.03	100
DE0001R	copper	precip	0.46	100	0.49	97	0.40	100	1.06	100	1.94	100	1.82	100	0.51	3	0.57	100	0.42	100	0.45	100	0.63	100	0.42	100	0.63	99
DE0002R	copper	precip	0.69	100	0.97	98	0.83	100	1.16	99	2.71	98	1.47	100	1.32	100	2.91	100	1.03	100	0.69	100	0.62	100	0.64	100	1.11	100
DE0003R	copper	precip	0.19	100	0.15	100	0.50	100	1.48	100	1.22	100	0.95	100	1.37	100	0.85	100	0.72	100	5.98	94	0.23	100	0.16	100	0.62	100
DE0007R	copper	precip	0.61	100	0.76	97	0.79	99	1.12	100	3.91	99	2.50	99	0.79	100	2.22	100	1.61	100	0.71	100	0.61	100	0.77	100	1.18	100
DE0008R	copper	precip	0.40	100	0.84	100	0.61	100	0.93	99	1.23	100	1.04	100	1.39	100	1.44	100	0.49	99	1.11	100	0.59	100	0.61	100	0.83	100
DE0009R	copper	precip	0.57	100	0.80	100	0.45	100	0.71	100	2.35	100	0.98	100	0.99	100	1.16	100	1.01	100	0.57	100	0.51	100	0.43	100	0.76	100
DK0005R	copper	precip	1.04	100	2.72	100	1.18	100	3.29	100	2.45	100	2.58	100	8.21	100	1.29	100	0.95	100	2.77	100	1.48	100	1.13	100	2.13	100
DK0008R	copper	precip	1.10	100	1.59	100	1.21	100	4.01	100	4.08	100	8.13	100	26.72	100	2.19	100	1.33	100	1.36	100	1.48	100	0.88	100	1.96	100
DK0012R	copper	precip	0.94	100	1.74	100	1.65	100	5.53	100	2.41	100	11.04	100	9.17	100	0.50	100	3.22	100	1.25	100	1.57	100	0.60	100	1.62	100
DK0022R	copper	precip	0.77	100	0.63	100	1.56	100	1.76	100	2.72	100	1.40	100	2.30	100	0.54	100	0.41	100	0.44	100	0.91	100	0.43	100	0.87	100
EE0009R	copper	precip	3.28	100	3.79	100	2.52	100	5.17	100	10.42	100	7.73	100	2.15	100	5.10	100	4.18	100	3.03	100	2.25	100	1.27	100	3.54	100
EE0011R	copper	precip	1.67	100	1.90	100	4.05	100	3.60	100	1.63	100	6.67	100	0.55	100	0.50	100	5.04	100	1.53	100	3.83	100	1.32	100	2.43	100
ES0008R	copper	precip	8.89	100	7.92	100	10.24	100	12.62	100	4.46	100	14.71	100	30.99	100	9.59	100	7.17	100	5.96	100	10.46	100	13.96	100	11.06	100
ES0009R	copper	precip	4.29	100	17.11	100	6.58	100	56.54	100	15.00	100	21.15	100	8.52	100	6.76	100	31.06	100	4.43	100	17.77	100	11.56	100	14.69	100
FI0018R	copper	precip	0.82	100	1.10	100	3.73	100	0.68	100	2.13	100	1.11	100	0.36	100	0.59	100	0.38	100	0.41	100	3.07	100	0.61	100	0.76	100
FI0036R	copper	precip	0.33	100	1.02	100	1.02	100	0.52	100	1.01	100	0.28	100	0.50	100	0.30	100	0.30	100	0.36	100	0.64	100	0.36	100	0.44	100
FI0050R	copper	precip	1.01	100	1.12	100	0.99	100	0.61	100	0.51	100	0.43	100	0.40	100	0.87	100	0.43	100	0.45	100	3.32	100	1.66	100	0.77	100
FI0053R	copper	precip	0.59	100	23.19	100	1.51	100	0.61	100	0.55	100	0.48	100	1.76	100	0.51	100	0.42	100	0.60	100	2.60	100	0.66	100	0.79	100
FI0092R	copper	precip	0.71	100	0.73	55	0.88	97	0.75	100	1.06	100	0.46	100	0.40	100	0.23	100	0.29	100	0.36	100	0.48	100	0.65	100	0.50	98
FI0093R	copper	precip	0.47	100	0.57	100	0.50	100	0.49	100	0.93	100	0.39	100	0.25	100	0.36	100	0.31	100	0.55	100	0.70	100	0.95	100	0.48	100
FR0090R	copper	precip	0.05	100	0.15	100	0.04	100	2.06	100	3.73	100	3.15	100	1.51	100	0.36	100	0.92	100	0.84	100	0.12	100	0.33	100	0.63	100
GB0006R	copper	precip	0.15	100	0.15	100	0.28	100	0.34	100	0.50	100	0.46	100	0.22	100	0.20	100	0.21	100	0.08	100	0.21	100	0.22	100	0.23	100
GB0013R	copper	precip	0.32	100	0.51	100	0.43	67	0.55	60	0.85	53	1.32	33	0.68	89	0.53	74	0.27	100	1.21	100	0.30	99	0.31	100	0.48	87
GB0017R	copper	precip	2.72	100	3.12	100	2.25	100	1.47	100	1.47	36	-	-	-	-	-	-	-	-	0.63	89	1.60	100	1.92	100	1.95	69
GB0048R	copper	precip	0.29	100	0.45	100	4.12	100	0.75	100	0.95	94	0.41	98	0.68	99	0.78	100	1.04	100	1.01	100	0.55	100	0.22	100	0.89	100
GB1055R	copper	precip	0.23	100	0.37	100	0.41	100	0.51	93	2.74	93	1.47	28	0.83	89	0.29	85	0.22	94	0.35	100	0.64	100	0.26	100	0.54	96
IS0091R	copper	precip	1.05	100	2.80	100	3.67	100	8.38	100	1.38	100	5.09	100	5.57	100	2.93	100	1.21	100	1.68	100	1.69	28	1.11	88	2.82	94
NL0010R	copper	precip	1.32	100	2.20	100	2.12	100	4.46	100	3.37	100	1.65	100	-	-	1.74	100	3.40	100	5.33	100	1.06	100	0.59	100	2.13	100
NL0091R	copper	precip	0.65	100	0.66	99	1.03	100	1.36	100	0.89	100	1.59	100	3.20	96	0.63	100	0.50	100	0.57	100	0.40	100	0.58	100	0.76	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
NO0001R	copper	precip	0.46	100	1.56	100	5.51	100	5.00	100	4.07	100	0.80	100	4.18	100	1.95	100	0.42	100	0.76	100	0.87	100	1.17	100	1.43	100
PL0004R	copper	precip	0.64	100	1.45	100	1.07	100	1.60	100	1.64	100	0.64	100	0.80	100	0.80	100	0.66	100	0.35	100	0.68	100	0.51	100	0.78	100
PL0005R	copper	precip	1.71	100	1.01	100	1.10	100	4.44	100	1.70	100	1.79	100	1.02	100	1.60	100	0.61	100	0.19	100	0.70	100	0.60	100	1.16	100
SE0005R	copper	precip	0.49	100	0.56	100	0.22	100	1.26	100	0.12	100	0.00	100	1.03	100	0.47	100	0.64	100	0.57	100	0.37	100	0.63	100	0.59	100
SE0014R	copper	precip	0.29	100	0.61	100	0.97	100	4.09	100	0.88	100	0.86	100	4.81	100	1.53	100	0.81	100	0.42	100	0.86	100	0.32	100	1.23	100
SE0020R	copper	precip	1.64	100	0.79	100	0.79	100	3.08	100	1.66	100	3.76	100	2.20	100	1.86	100	2.14	100	7.29	100	0.86	100	0.53	100	2.59	100
SE0022R	copper	precip	0.49	100	0.43	100	0.71	100	1.75	100	0.93	63	0.46	100	0.24	100	1.92	100	1.11	100	1.07	100	1.37	100	0.32	100	0.85	99
SI0008R	copper	precip	0.08	100	0.15	100	2.99	100	1.48	100	0.91	100	0.98	100	3.02	100	0.39	100	0.85	100	3.29	100	1.30	97	0.29	26	1.30	96
SK0002R	copper	precip	1.19	100	1.05	100	1.34	100	2.85	100	5.03	100	5.42	100	4.02	100	0.58	100	1.00	100	0.40	100	2.81	100	0.52	100	1.93	100
SK0004R	copper	precip	0.71	100	0.86	100	0.93	100	4.75	100	0.87	100	2.64	100	0.98	100	0.49	100	0.50	100	0.29	100	0.08	100	1.33	100	1.29	100
SK0006R	copper	precip	2.18	100	2.44	100	0.94	100	2.76	100	3.16	100	1.45	100	3.29	100	1.56	100	0.63	100	1.08	100	0.84	100	1.66	100	1.97	100
SK0007R	copper	precip	1.17	100	0.20	100	0.18	100	3.93	100	1.38	100	0.82	100	-	-	0.16	100	0.25	100	9.32	100	0.18	100	0.38	100	0.74	100
BE0014R	iron	precip	6.3	100	9.7	100	9.6	100	18.9	100	44.3	98	80.0	84	47.0	97	25.6	100	20.8	100	14.4	99	23.8	100	8.65	100	18.0	100
CZ0005R	iron	precip	9.7	100	45.8	100	26.8	100	104.9	100	24.9	100	42.5	100	37.1	100	26.6	100	27.5	100	24.0	100	11.5	94	8.73	100	25.5	100
DE0001R	iron	precip	8.1	100	19.9	97	13.1	100	61.5	100	48.0	100	45.7	100	34.8	3	27.9	100	13.9	100	21.5	100	24.6	100	12.78	100	23.6	99
DE0002R	iron	precip	7.9	100	22.0	98	19.9	100	48.0	99	97.7	98	30.1	100	34.7	100	115.4	100	87.9	100	22.2	100	47.3	100	13.17	100	36.7	100
DE0003R	iron	precip	3.2	100	2.0	100	6.2	100	64.6	100	26.5	100	26.6	100	30.7	100	21.9	100	20.9	100	85.9	94	14.0	100	6.78	100	15.8	100
DE0007R	iron	precip	13.2	100	38.5	97	12.4	99	37.1	100	112.7	99	78.1	99	15.9	100	103.6	100	96.9	100	36.1	100	30.7	100	8.82	100	39.6	100
DE0008R	iron	precip	6.2	100	17.8	100	17.5	100	28.7	99	30.0	100	26.7	100	31.0	100	69.1	100	17.2	99	17.3	100	12.4	100	6.83	100	20.3	100
DE0009R	iron	precip	14.5	100	33.0	100	9.8	100	28.2	100	71.1	100	22.1	100	34.1	100	55.1	100	94.5	100	16.0	100	19.3	100	11.60	100	29.6	100
FI0018R	iron	precip	66.4	100	39.0	100	156.9	100	48.4	100	608.1	100	297.0	100	48.3	100	103.3	100	16.1	100	24.3	100	263.2	100	31.95	100	72.3	100
FI0036R	iron	precip	2.3	100	8.3	100	6.6	100	7.3	100	41.9	100	10.2	100	13.4	100	8.8	100	5.5	100	3.4	100	15.8	100	3.72	100	8.8	100
FI0050R	iron	precip	5.4	100	11.7	100	19.2	100	25.2	100	11.3	100	44.0	100	30.4	100	19.9	100	8.6	100	5.0	100	36.3	100	9.04	100	19.4	100
FI0053R	iron	precip	5.2	100	44.3	100	18.8	100	19.7	100	14.6	100	41.4	100	103.5	100	15.4	100	9.8	100	21.0	100	55.7	100	96.67	100	25.5	100
FI0092R	iron	precip	3.9	100	4.1	55	9.0	97	11.8	100	74.6	100	33.1	100	8.9	100	8.8	100	6.5	100	7.4	100	10.1	100	6.30	100	11.9	98
FI0093R	iron	precip	8.7	100	11.4	100	18.0	100	15.2	100	43.2	100	18.6	100	17.3	100	16.0	100	5.3	100	5.4	100	27.5	100	6.39	100	14.1	100
GB0048R	iron	precip	5.3	100	7.8	100	9.1	100	16.5	100	17.3	94	9.0	98	13.1	99	5.3	100	5.8	100	5.6	100	5.0	100	3.67	100	7.5	100
GB1055R	iron	precip	4.3	100	7.0	100	4.6	100	9.1	93	27.4	93	16.9	28	5.1	89	5.8	85	6.8	94	3.4	100	7.9	100	3.92	100	7.0	96
IS0091R	iron	precip	215.9	100	277.7	100	87.0	100	450.0	100	72.3	100	101.7	100	71.1	100	455.7	100	748.7	100	952.3	100	958.5	28	576.20	88	413.0	94
NL0010R	iron	precip	10.6	100	25.4	100	45.8	100	126.4	100	71.5	78	48.4	100	-	-	306.7	100	125.9	100	149.0	100	36.2	100	7.69	100	82.0	97
NL0091R	iron	precip	11.9	77	10.2	100	19.8	100	34.0	100	23.3	100	38.7	100	89.9	96	23.3	100	12.2	100	9.9	99	6.6	100	6.82	100	17.9	97
BE0014R	lead	precip	0.31	100	0.84	100	0.56	100	0.85	100	0.97	98	0.75	84	1.37	97	0.68	100	0.48	100	0.17	99	0.13	100	0.11	100	0.52	100
CZ0003R	lead	precip	1.56	94	0.88	90	1.17	78	2.64	91	1.26	100	1.42	99	0.71	98	1.16	99	0.96	99	0.90	97	0.73	88	1.03	97	1.12	96
CZ0005R	lead	precip	0.26	100	1.05	100	11.00	100	1.02	100	0.77	100	0.93	100	0.59	100	0.46	100	0.54	100	0.48	100	0.78	94	0.32	100	1.10	100
DE0001R	lead	precip	0.29	100	0.32	97	0.22	100	0.97	100	1.15	100	1.45	100	0.23	3	0.40	100	0.44	100	0.21	100	0.47	100	0.31	100	0.50	99
DE0002R	lead	precip	0.53	100	0.50	98	0.49	100	0.82	99	1.21	98	0.58	100	0.56	100	1.14	100	0.98	100	0.33	100	0.44	100	0.28	100	0.61	100
DE0003R	lead	precip	0.12	100	0.09	100	0.15	100	0.86	100	0.64	100	0.33	100	0.36	100	0.34	100	0.31	100	1.16	94	0.10	100	0.13	100	0.27	100
DE0007R	lead	precip	0.40	100	0.43	97	0.91	99	0.83	100	3.73	99	2.28	99	0.37	100	1.68	100	1.14	100	0.34	100	0.35	100	0.38	100	0.88	100
DE0008R	lead	precip	0.33	100	0.64	100	0.44	100	0.50	99	1.02	100	0.44	100	0.59	100	0.69	100	0.30	99	0.65	100	0.33	100	0.36	100	0.51	100
DE0009R	lead	precip	0.37	100	0.58	100	0.53	100	0.48	100	1.35	100	0.34	100	0.47	100	0.70	100	0.97	100	0.28	100	0.16	100	0.23	100	0.49	100
DK0005R	lead	precip	1.46	100	5.19	100	2.60	100	1.35	100	1.28	100	1.03	100	3.24	100	3.97	100	1.46	100	1.03	100	1.25	100	1.06	100	1.91	100
DK0008R	lead	precip	0.69	100	0.90	100	1.53	100	2.22	100	2.25	100	4.53	100	11.32	100	1.15	100	0.68	100	0.74	100	0.81	100	0.58	100	1.13	100
DK0012R	lead	precip	0.27	100	0.65	100	1.18	100	2.17	100	1.49	100	4.67	100	3.44	100	0.21	100	1.44	100	0.47	100	0.76	100	0.45	100	0.78	100
DK0022R	lead	precip	2.29	100	0.56	100	0.84	100	0.85	100	0.94	100	0.68	100	0.93	100	0.17	100	0.26	100	0.21	100	0.52	100	0.26	100	0.74	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
EE0009R	lead	precip	0.74	100	0.80	100	0.63	100	0.66	100	0.48	100	0.41	100	0.37	100	0.51	100	0.43	100	0.71	100	0.75	100	0.50	100	0.58	100
EE0011R	lead	precip	0.35	100	1.19	100	0.90	100	0.65	100	0.06	100	0.54	100	0.16	100	0.17	100	0.40	100	0.76	100	2.65	100	0.85	100	0.66	100
ES0008R	lead	precip	4.01	100	2.15	100	0.96	100	1.05	100	0.71	100	1.76	100	2.48	100	1.51	100	0.76	100	0.70	100	0.97	100	4.51	100	1.75	100
ES0009R	lead	precip	0.92	100	12.89	100	0.83	100	11.66	100	8.85	100	5.69	100	6.86	100	2.72	100	27.82	100	1.85	100	1.63	100	4.65	100	6.12	100
FI0018R	lead	precip	1.62	100	2.42	100	2.80	100	0.71	100	1.70	100	0.75	100	0.33	100	0.25	100	0.38	100	0.32	100	3.61	100	2.06	100	0.98	100
FI0036R	lead	precip	0.27	100	1.30	100	0.34	100	0.17	100	0.57	100	0.10	100	0.17	100	0.22	100	0.21	100	0.19	100	0.22	100	0.26	100	0.27	100
FI0050R	lead	precip	0.36	100	0.97	100	1.18	100	0.47	100	0.26	100	0.13	100	0.17	100	0.41	100	0.48	100	0.31	100	1.56	100	0.69	100	0.45	100
FI0053R	lead	precip	0.29	100	2.13	100	1.01	100	0.54	100	0.18	100	0.18	100	0.30	100	0.33	100	0.26	100	0.36	100	1.34	100	0.59	100	0.38	100
FI0092R	lead	precip	0.39	100	0.40	55	0.74	97	0.62	100	0.37	100	0.27	100	0.20	100	0.16	100	0.23	100	0.32	100	0.39	100	0.25	100	0.34	98
FI0093R	lead	precip	0.53	100	1.08	100	0.80	100	0.35	100	0.36	100	0.09	100	0.14	100	0.22	100	0.24	100	0.29	100	1.15	100	0.84	100	0.42	100
FR0008R	lead	precip_tot	0.436	96	0.578	100	0.775	100	0.504	100	1.132	69	NaN	0	0.463	47	0.515	100	0.302	100	0.224	100	0.217	21	NaN	0	0.439	69
FR0009R	lead	precip_tot	0.390	9	0.481	100	0.614	100	0.942	100	1.204	100	0.845	100	2.268	100	1.675	43	0.888	65	0.635	100	0.264	100	0.334	100	0.679	85
FR0013R	lead	precip_tot	0.260	100	0.220	100	0.235	100	0.353	100	0.399	100	0.436	100	0.929	53	0.913	57	0.677	100	0.429	100	0.277	100	0.186	100	0.356	92
FR0023R	lead	precip_tot	0.313	100	0.296	100	0.277	100	0.643	100	0.572	100	0.477	100	0.599	100	0.651	100	0.731	100	0.172	100	0.220	100	0.205	100	0.375	100
FR0024R	lead	precip_tot	0.251	99	0.321	100	0.383	100	0.501	100	0.707	100	0.639	100	0.988	100	0.909	100	0.795	100	1.242	100	0.212	100	0.172	100	0.521	100
FR0025R	lead	precip_tot	0.134	100	0.507	100	0.340	100	0.604	100	0.550	100	0.665	100	1.011	100	1.664	100	1.911	100	0.901	100	0.274	100	0.549	100	0.564	100
FR0090R	lead	precip	1.15	100	0.37	100	0.40	100	0.80	100	0.50	100	0.31	100	1.18	100	0.38	100	0.41	100	0.22	100	0.38	100	0.21	100	0.54	100
GB0006R	lead	precip	0.03	100	0.04	100	0.34	100	0.26	100	0.17	100	0.21	100	0.09	100	0.03	100	0.10	100	0.03	100	0.12	100	0.09	100	0.12	100
GB0013R	lead	precip	0.04	100	0.20	100	0.41	67	0.31	60	0.63	53	0.67	33	0.25	89	0.03	74	0.12	100	0.16	100	0.32	99	0.15	100	0.21	87
GB0017R	lead	precip	0.29	100	0.50	100	0.95	100	0.74	100	0.74	36	-	-	-	-	-	-	-	-	0.52	89	1.14	100	1.35	100	0.67	69
GB0048R	lead	precip	0.04	100	0.08	100	0.24	100	0.45	100	0.36	94	0.22	98	0.33	99	0.14	100	0.18	100	0.06	100	0.09	100	0.03	100	0.16	100
GB1055R	lead	precip	0.08	100	0.16	100	0.20	100	0.27	93	1.06	93	0.49	28	0.21	89	0.19	85	0.16	94	0.15	100	0.33	100	0.10	100	0.24	96
HU0002R	lead	precip	1.16	100	1.45	100	0.57	100	1.70	100	5.15	100	3.60	100	0.91	100	0.21	100	1.99	100	2.08	99	1.72	100	2.29	100	1.96	100
IS0091R	lead	precip	0.99	100	1.11	100	1.18	100	1.65	100	0.45	100	1.55	100	0.72	100	1.33	100	1.04	100	1.50	100	1.51	28	0.48	88	1.08	94
LV0010R	lead	precip	0.55	100	0.57	99	1.19	89	0.66	100	0.65	97	0.57	100	0.43	100	0.81	100	0.77	100	-	-	-	-	-	-	0.66	99
NL0010R	lead	precip	0.54	100	0.99	100	1.12	100	3.19	100	1.70	100	0.63	100	-	-	0.65	100	1.59	100	1.93	100	0.38	100	0.20	100	1.04	100
NL0091R	lead	precip	0.31	100	0.48	100	0.46	100	0.70	100	0.50	100	1.20	100	1.30	96	0.38	100	0.45	100	0.34	100	0.20	100	0.15	100	0.42	100
NO0001R	lead	precip	0.54	100	1.17	100	1.24	100	0.43	100	0.66	100	0.38	100	1.37	100	0.52	100	0.36	100	0.42	100	0.62	100	0.45	100	0.60	100
NO0039R	lead	precip	0.10	100	0.21	100	0.11	100	0.12	100	0.61	100	0.57	100	0.47	100	0.06	100	0.03	100	0.17	100	2.54	92	0.59	85	0.26	97
NO0056R	lead	precip	0.61	100	1.03	100	0.49	100	0.58	100	1.04	100	0.36	100	0.53	99	0.43	100	0.25	100	0.60	100	0.41	100	0.60	100	0.51	100
PL0004R	lead	precip	0.31	100	0.79	100	0.88	100	0.55	100	0.58	100	0.18	100	0.26	100	0.28	100	0.30	100	0.15	100	0.41	100	0.24	100	0.35	100
PL0005R	lead	precip	0.69	100	0.53	100	0.35	100	1.70	100	0.72	100	0.37	100	0.76	100	0.47	100	0.68	100	0.35	100	0.28	100	0.31	100	0.58	100
SE0005R	lead	precip	0.30	100	0.40	100	0.40	100	0.21	100	0.32	100	0.18	100	0.38	100	0.20	100	0.19	100	0.07	100	0.17	100	0.55	100	0.26	100
SE0014R	lead	precip	0.35	100	1.01	100	0.89	100	0.75	100	0.75	100	0.45	100	0.83	100	0.28	100	0.43	100	0.23	100	0.71	100	0.21	100	0.51	100
SE0020R	lead	precip	0.73	100	0.80	100	0.59	100	0.53	100	0.72	100	0.50	100	0.90	100	0.58	100	0.58	100	0.30	100	0.35	100	0.43	100	0.55	100
SE0022R	lead	precip	0.39	100	0.46	100	1.50	100	0.42	100	0.30	63	0.24	100	0.23	100	0.31	100	0.16	100	0.21	100	0.79	100	0.48	100	0.37	99
SI0008R	lead	precip	0.23	100	0.42	100	0.71	100	1.18	100	1.01	100	0.41	100	0.72	100	0.38	100	0.42	100	0.29	100	0.17	97	0.40	26	0.46	96
SK0002R	lead	precip	2.78	100	2.05	100	1.38	100	2.43	100	3.06	100	1.18	100	1.31	100	1.06	100	1.15	100	0.79	100	2.38	100	0.53	100	1.52	100
SK0004R	lead	precip	0.52	100	0.47	100	0.56	100	0.91	100	0.50	100	1.08	100	0.98	100	0.75	100	0.19	100	0.26	100	0.28	100	0.73	100	0.68	100
SK0006R	lead	precip	1.17	100	1.02	100	1.17	100	7.98	100	1.98	100	1.12	100	8.82	100	1.99	100	2.22	100	2.39	100	2.43	100	2.13	100	3.17	100
SK0007R	lead	precip	1.52	100	0.83	100	0.17	100	2.11	100	0.35	100	0.43	100	-	-	0.06	100	0.24	100	2.28	100	0.12	100	0.10	100	0.43	100
GB0048R	lithium	precip	0.038	100	0.043	100	0.035	100	0.049	100	0.033	94	0.016	98	0.019	99	0.018	100	0.042	100	0.031	100	0.030	100	0.007	100	0.029	100
GB1055R	lithium	precip	0.038	100	0.037	100	0.024	100	0.024	93	0.041	93	0.044	28	0.024	89	0.009	85	0.027	94	0.017	100	0.047	100	0.009	100	0.027	96
BE0014R	manganese	precip	2.5	100	6.2	100	1.7	100	2.3	100	4.9	98	5.0	84	9.9	97	4.1	100	2.7	100	0.7	99	0.8	100	1.10	100	2.8	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
DE0001R	manganese	precip	0.7	100	1.1	97	0.9	100	5.4	100	5.1	100	4.3	100	2.5	3	2.9	100	1.0	100	2.0	100	1.2	100	0.60	100	2.0	99
DE0002R	manganese	precip	0.9	100	1.2	98	1.1	100	4.6	99	13.8	98	3.2	100	3.3	100	11.0	100	9.5	100	2.4	100	2.8	100	0.77	100	3.5	100
DE0003R	manganese	precip	0.5	100	0.2	100	0.5	100	5.6	100	2.6	100	2.3	100	2.9	100	2.3	100	2.1	100	20.1	94	1.1	100	0.43	100	1.6	100
DE0007R	manganese	precip	1.1	100	1.1	97	1.2	99	5.3	100	12.7	99	7.1	99	2.4	100	10.4	100	17.1	100	4.1	100	1.9	100	0.99	100	4.6	100
DE0008R	manganese	precip	0.6	100	1.1	100	1.0	100	3.5	99	4.1	100	2.3	100	3.3	100	5.8	100	1.7	99	1.1	100	0.6	100	0.46	100	1.9	100
DE0009R	manganese	precip	2.3	100	1.7	100	1.0	100	1.7	100	12.8	100	3.4	100	4.0	100	5.7	100	9.9	100	3.7	100	3.8	100	1.24	100	3.4	100
EE0011R	manganese	precip	1.0	100	2.9	100	2.1	100	1.6	100	1.0	100	4.6	100	0.8	100	0.8	100	1.2	100	1.7	100	2.0	100	1.31	100	1.6	100
FI0018R	manganese	precip	1.7	100	2.2	100	5.6	100	2.5	100	15.8	100	9.1	100	2.4	100	2.6	100	1.6	100	1.4	100	7.0	100	1.04	100	2.6	100
FI0036R	manganese	precip	0.3	100	0.6	100	0.8	100	0.9	100	5.0	100	2.7	100	2.0	100	1.7	100	1.1	100	0.5	100	1.9	100	0.21	100	1.4	100
FI0050R	manganese	precip	0.8	100	1.5	100	1.9	100	2.4	100	0.8	100	2.5	100	2.1	100	3.2	100	1.8	100	0.8	100	3.4	100	1.73	100	1.9	100
FI0053R	manganese	precip	0.8	100	6.7	100	2.0	100	2.4	100	0.9	100	2.5	100	5.3	100	2.1	100	1.2	100	1.7	100	4.4	100	1.52	100	1.9	100
FI0092R	manganese	precip	0.4	100	0.4	55	0.9	97	1.1	100	6.8	100	2.4	100	1.0	100	0.9	100	0.8	100	0.7	100	0.6	100	0.29	100	1.1	98
FI0093R	manganese	precip	1.2	100	1.4	100	2.3	100	1.8	100	3.3	100	2.5	100	1.3	100	2.0	100	3.7	100	13.4	100	2.4	100	0.42	100	3.1	100
GB0048R	manganese	precip	0.3	100	0.5	100	1.1	100	1.9	100	2.0	94	1.4	98	1.6	99	1.1	100	1.0	100	0.7	100	2.4	100	0.30	100	1.1	100
GB1055R	manganese	precip	0.5	100	0.6	100	0.8	100	1.5	93	5.0	93	3.7	28	1.6	89	1.7	85	1.3	94	1.1	100	0.8	100	0.34	100	1.2	96
IS0091R	manganese	precip	5.0	100	6.3	100	3.5	100	10.2	100	1.9	100	3.3	100	2.9	100	10.2	100	14.7	100	18.0	100	18.2	28	11.02	88	8.7	94
NO0001R	manganese	precip	0.4	100	1.0	100	1.8	100	2.2	100	3.6	100	3.6	100	5.5	100	2.1	100	1.2	100	1.3	100	0.6	100	0.35	100	1.3	100
SE0005R	manganese	precip	4.4	100	2.6	100	3.4	100	1.8	100	2.8	100	0.0	100	5.9	100	2.3	100	3.7	100	6.4	100	1.2	100	1.72	100	3.0	100
SE0014R	manganese	precip	1.8	100	1.7	100	2.0	100	5.3	100	12.3	100	5.3	100	5.7	100	3.2	100	3.3	100	1.6	100	2.6	100	2.05	100	3.4	100
SE0020R	manganese	precip	1.1	100	1.4	100	2.4	100	5.8	100	18.5	100	23.6	100	17.0	100	10.0	100	12.4	100	19.1	100	3.3	100	4.90	100	8.6	100
SE0022R	manganese	precip	0.8	100	0.6	100	1.4	100	3.7	100	3.5	63	3.4	100	2.5	100	5.4	100	1.8	100	1.7	100	3.6	100	0.50	100	2.3	99
SI0008R	manganese	precip	1.5	100	1.4	100	2.8	100	19.0	100	6.6	100	5.6	100	4.3	100	1.3	100	2.1	100	2.5	100	1.4	97	0.99	26	3.5	96
CZ0003R	mercury	precip	19.6	51	4.0	30	5.8	94	30.7	91	29.4	98	8.2	100	13.8	87	10.2	100	5.7	60	14.5	96	3.5	73	20.47	83	14.2	84
DE0001R	mercury	precip	2.8	100	4.0	97	4.4	100	9.2	100	12.1	100	13.6	100	10.3	100	9.3	100	3.6	100	3.6	100	5.5	100	3.06	99	5.8	100
DE0002R	mercury	precip	3.3	100	4.8	100	6.3	100	7.3	100	15.3	99	11.9	100	11.2	100	13.1	100	8.7	99	5.6	100	6.0	100	3.70	99	7.3	100
DE0003R	mercury	precip	2.6	100	4.9	100	5.8	100	10.6	100	7.7	100	8.7	100	11.3	100	9.3	100	7.0	100	7.7	100	3.7	100	3.21	100	5.7	100
DE0008R	mercury	precip	3.3	100	7.3	100	5.5	100	11.4	100	9.1	100	8.0	100	12.5	100	17.0	100	5.2	100	3.5	100	3.9	100	2.74	100	6.7	100
DE0009R	mercury	precip	5.5	100	7.2	100	4.2	100	6.1	100	21.1	100	9.4	100	8.6	100	8.1	100	7.5	100	2.9	100	2.9	100	0.67	100	5.9	100
EE0009R	mercury	precip	2.5	100	5.9	100	2.5	100	6.0	100	6.0	41	18.0	100	17.6	100	9.0	100	2.5	100	2.5	100	2.5	100	2.50	100	6.1	100
ES0008R	mercury	precip	3.8	100	4.9	100	4.2	100	4.8	100	6.2	100	7.5	100	8.8	100	6.2	100	4.4	100	5.0	100	3.4	100	7.63	100	5.1	100
FI0036R	mercury	precip	14.8	100	26.9	100	70.5	100	11.4	100	26.1	100	12.9	100	18.3	100	9.8	100	11.0	100	16.9	100	11.7	100	4.85	100	13.0	100
GB0013R	mercury	precip	2.0	100	3.2	100	4.1	100	5.3	100	8.0	100	8.0	100	3.2	100	5.9	100	5.0	100	2.6	100	2.0	100	2.57	100	3.7	100
GB0017R	mercury	precip	3.6	100	2.3	100	5.6	100	8.0	100	8.7	100	9.0	100	13.0	100	11.6	100	7.8	100	3.0	100	3.7	100	3.12	100	4.2	100
GB0048R	mercury	precip	1.1	100	2.0	100	4.4	100	7.0	100	7.0	100	6.1	100	8.6	100	4.0	100	4.0	100	3.9	100	2.0	100	2.79	100	4.1	100
GB1055R	mercury	precip	4.0	100	4.0	100	4.9	100	4.6	100	10.0	100	-	-	7.0	100	7.1	100	9.6	100	7.9	100	3.0	100	3.04	100	5.4	100
LV0010R	mercury	precip	5.1	84	11.2	44	16.6	89	17.0	100	18.0	93	3.4	51	13.6	35	7.1	100	5.5	100	-	-	-	-	-	-	11.0	76
NL0091R	mercury	precip	5.0	100	8.5	100	11.4	100	12.9	100	17.3	94	18.6	87	61.0	99	14.3	100	11.1	100	8.5	99	9.5	96	4.29	99	11.4	99
NO0001R	mercury	precip	2.4	100	5.0	100	4.7	100	7.1	100	15.9	100	6.7	100	21.2	100	7.2	100	4.8	100	5.1	100	5.0	100	3.74	100	5.4	100
PL0005R	mercury	precip	6.2	100	2.5	100	3.6	100	2.5	100	4.0	100	2.2	100	2.3	100	2.8	100	2.4	100	1.5	100	1.4	100	0.73	100	2.3	100
SE0005R	mercury	precip	10.9	100	11.3	100	8.2	100	12.5	100	13.0	100	15.2	100	11.0	100	7.6	100	7.5	100	8.3	100	11.0	100	9.52	100	9.8	100
SE0014R	mercury	precip	8.1	100	157.6	100	39.5	100	16.0	100	13.2	100	15.5	100	24.9	100	8.0	100	9.5	100	9.1	100	10.9	100	8.74	100	12.2	100
SE0020R	mercury	precip	21.8	100	12.2	100	14.7	100	12.8	100	22.4	100	11.9	100	7.3	100	44.2	100	31.5	100	8.1	100	16.0	100	20.57	100	16.9	100
SI0008R	mercury	precip	3.7	100	7.0	36	8.2	100	-	-	5.0	99	8.1	100	-	-	1.7	99	14.3	100	-	-	-	-	1.80	98	6.0	59
DE0001R	molybdenum	precip	0.029	100	0.041	97	0.044	100	0.049	100	0.059	100	0.063	100	0.028	3	0.029	100	0.024	100	0.053	100	0.051	100	0.038	100	0.037	99

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
DE0002R	molybdenum	precip	0.036	100	0.071	98	0.058	100	0.048	99	0.063	98	0.048	100	0.029	100	0.074	100	0.047	100	0.048	100	0.035	100	0.033	100	0.045	100
DE0003R	molybdenum	precip	0.018	100	0.012	100	0.020	100	0.054	100	0.150	100	0.036	100	0.041	100	0.027	100	0.043	100	0.132	94	0.018	100	0.021	100	0.039	100
DE0007R	molybdenum	precip	0.028	100	0.037	97	0.046	99	0.058	100	0.069	99	0.044	99	0.019	100	0.084	100	0.032	100	0.045	100	0.042	100	0.028	100	0.041	100
DE0008R	molybdenum	precip	0.064	100	0.083	100	0.068	100	0.136	99	0.081	100	0.063	100	0.061	100	0.061	100	0.029	99	0.066	100	0.029	100	0.030	100	0.060	100
DE0009R	molybdenum	precip	0.022	100	0.035	100	0.027	100	0.036	100	0.073	100	0.052	100	0.022	100	0.049	100	0.038	100	0.040	100	0.023	100	0.025	100	0.033	100
GB0048R	molybdenum	precip	0.015	100	0.015	100	0.016	100	0.035	100	0.021	94	0.021	98	0.027	99	0.025	100	0.030	100	0.018	100	0.015	100	0.015	100	0.020	100
GB1055R	molybdenum	precip	0.015	100	0.015	100	0.015	100	0.027	93	0.044	93	0.015	28	0.015	89	0.015	85	0.016	94	0.016	100	0.025	100	0.015	100	0.020	96
BE0014R	nickel	precip	0.09	100	0.19	100	0.17	100	0.17	100	0.28	98	0.27	84	0.48	97	0.19	100	0.17	100	0.22	99	0.30	100	0.14	100	0.19	100
CZ0003R	nickel	precip	0.39	94	0.18	90	0.60	78	6.96	91	0.41	100	0.25	99	0.31	98	0.35	99	0.22	99	0.24	97	0.32	88	0.21	97	0.42	96
CZ0005R	nickel	precip	0.13	100	0.29	100	0.22	100	0.54	100	0.23	100	0.23	100	0.23	100	0.20	100	0.16	100	0.16	100	0.11	94	0.03	100	0.17	100
DE0001R	nickel	precip	0.13	100	0.13	97	0.14	100	0.27	100	0.43	100	0.42	100	0.37	3	0.15	100	0.11	100	0.19	100	0.14	100	0.09	100	0.16	99
DE0002R	nickel	precip	0.13	100	0.14	98	0.18	100	0.23	99	0.33	98	0.19	100	0.17	100	0.34	100	0.15	100	0.08	100	0.12	100	0.07	100	0.17	100
DE0003R	nickel	precip	0.09	100	0.03	100	0.07	100	0.23	100	0.15	100	0.12	100	0.16	100	0.11	100	0.11	100	0.34	94	0.05	100	0.05	100	0.10	100
DE0007R	nickel	precip	0.11	100	0.16	97	0.16	99	0.18	100	0.38	99	0.28	99	0.11	100	0.27	100	0.28	100	0.11	100	0.11	100	0.12	100	0.17	100
DE0008R	nickel	precip	0.13	100	0.23	100	0.18	100	0.47	99	0.48	100	0.30	100	0.40	100	0.26	100	0.08	99	0.14	100	0.07	100	0.05	100	0.21	100
DE0009R	nickel	precip	0.38	100	0.45	100	0.36	100	0.19	100	1.03	100	0.95	100	0.49	100	0.70	100	0.33	100	0.30	99	2.52	95	0.35	100	0.50	100
DK0005R	nickel	precip	0.14	100	0.34	100	0.15	100	0.44	100	0.40	100	0.42	100	0.97	100	0.25	100	0.18	100	0.33	100	0.22	100	0.09	100	0.28	100
DK0008R	nickel	precip	0.11	100	0.18	100	0.22	100	0.71	100	0.72	100	1.07	100	3.95	100	0.24	100	0.25	100	0.35	100	0.30	100	0.23	100	0.30	100
DK0012R	nickel	precip	0.09	100	0.58	100	0.19	100	2.77	100	0.32	100	1.70	100	0.88	100	0.13	100	0.48	100	0.23	100	0.24	100	0.11	100	0.31	100
DK0022R	nickel	precip	0.08	100	0.10	100	0.26	100	0.30	100	0.39	100	0.22	100	0.37	100	0.14	100	0.09	100	0.11	100	0.13	100	0.08	100	0.14	100
EE0009R	nickel	precip	0.54	100	0.77	100	0.85	100	1.28	100	1.53	100	2.67	100	0.78	100	1.64	100	0.69	100	0.63	100	0.67	100	0.69	100	0.89	100
EE0011R	nickel	precip	59.80	100	1.52	100	0.94	100	2.09	100	0.23	100	3.68	100	0.08	100	0.05	100	0.93	100	0.42	100	0.65	100	0.44	100	5.08	100
ES0008R	nickel	precip	0.52	100	0.76	100	0.58	100	1.09	100	0.51	100	0.51	100	1.08	100	0.75	100	0.54	100	0.77	100	0.54	100	0.98	100	0.70	100
ES0009R	nickel	precip	1.35	100	1.10	100	0.51	100	15.90	100	3.39	100	2.61	100	7.20	100	4.96	100	21.10	100	4.83	100	1.66	100	2.07	100	3.91	100
FR0008R	nickel	precip_tot	0.097	96	0.249	100	0.291	100	0.240	100	0.612	69	NaN	0	0.239	47	0.251	100	0.153	100	0.104	100	0.097	21	NaN	0	0.189	69
FR0009R	nickel	precip_tot	0.102	9	0.174	100	0.194	100	0.266	100	0.294	100	0.242	100	0.786	100	0.635	43	0.416	65	0.266	100	0.160	100	0.145	100	0.241	85
FR0013R	nickel	precip_tot	0.266	100	0.116	100	0.161	100	0.267	100	0.310	100	0.283	100	0.571	53	0.563	57	0.433	100	0.182	100	0.338	100	0.215	100	0.257	92
FR0023R	nickel	precip_tot	0.135	100	0.230	100	0.138	100	0.363	100	0.280	100	0.327	100	0.640	100	0.740	100	0.522	100	0.117	100	0.113	100	0.121	100	0.233	100
FR0024R	nickel	precip_tot	0.450	99	0.784	100	0.242	100	0.424	100	0.580	100	0.423	100	1.025	100	1.541	100	0.820	100	1.138	100	0.291	100	0.196	100	0.557	100
FR0025R	nickel	precip_tot	0.063	100	0.106	100	0.193	100	0.388	100	0.277	100	0.330	100	0.447	100	0.547	100	0.694	100	0.220	100	0.204	100	0.210	100	0.246	100
FI0018R	nickel	precip	0.37	100	0.25	100	0.75	100	1.17	100	0.82	100	0.24	100	0.35	100	0.33	100	0.07	100	0.29	100	1.01	100	0.17	100	0.35	100
FI0036R	nickel	precip	0.22	100	2.74	100	0.27	100	0.16	100	0.43	100	0.35	100	0.23	100	0.28	100	0.27	100	0.15	100	0.54	100	1.59	100	0.52	100
FI0050R	nickel	precip	0.14	100	0.12	100	0.37	100	0.33	100	0.27	100	1.85	100	0.21	100	0.41	100	0.07	100	0.12	100	0.53	100	0.15	100	0.46	100
FI0053R	nickel	precip	0.22	100	0.70	100	2.32	100	0.42	100	0.15	100	0.14	100	0.54	100	0.09	100	0.10	100	0.12	100	0.34	100	0.60	100	0.27	100
FI0092R	nickel	precip	0.16	100	0.16	55	0.25	97	0.23	100	0.67	100	0.44	100	0.10	100	0.17	100	0.34	100	0.19	100	0.26	100	0.66	100	0.28	98
FI0093R	nickel	precip	0.10	100	0.13	100	0.32	100	0.36	100	0.20	100	0.36	100	0.21	100	0.17	100	0.08	100	0.14	100	2.10	100	0.41	100	0.31	100
FR0090R	nickel	precip	0.19	100	0.13	100	0.10	100	0.65	100	1.14	100	0.53	100	0.24	100	0.12	100	0.46	100	0.16	100	0.11	100	0.36	100	0.25	100
GB0006R	nickel	precip	0.01	100	0.01	100	0.08	100	0.07	100	0.06	100	0.06	100	0.01	100	0.07	100	0.09	100	0.05	100	0.04	100	0.03	100	0.05	100
GB0013R	nickel	precip	0.08	100	0.09	100	0.08	67	0.19	60	0.19	53	0.17	33	0.09	89	0.03	74	0.18	100	0.25	100	0.08	99	0.11	100	0.12	87
GB0017R	nickel	precip	0.07	100	0.09	100	0.21	100	0.24	100	0.24	36	-	-	-	-	-	-	-	-	0.14	89	0.32	100	0.38	100	0.17	69
GB0048R	nickel	precip	0.09	100	0.09	100	0.07	100	0.12	100	0.14	94	0.06	98	0.01	99	0.18	100	0.32	100	0.08	100	0.05	100	0.07	100	0.11	100
GB1055R	nickel	precip	0.09	100	0.10	100	0.07	100	0.11	93	0.17	93	0.22	28	0.01	89	0.06	85	0.11	94	0.13	100	0.09	100	0.12	100	0.10	96
IS0091R	nickel	precip	0.99	100	1.72	100	3.00	100	1.79	100	0.53	100	1.28	100	0.84	100	2.03	100	1.19	100	0.98	100	0.97	28	0.64	88	1.21	94
LV0010R	nickel	precip	0.68	100	0.45	99	0.63	98	0.54	100	0.51	97	0.45	100	1.66	93	1.49	100	0.45	100	-	-	-	-	-	-	0.89	98
NL0010R	nickel	precip	0.17	100	0.34	100	0.21	100	0.44	100	0.37	100	0.27	100	-	-	1.26	100	0.47	100	0.62	100	0.12	100	0.08	100	0.37	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
NL0091R	nickel	precip	0.32	100	0.62	99	0.18	100	0.27	100	0.17	100	0.50	100	1.30	96	0.17	100	0.12	100	0.14	99	0.17	98	0.26	100	0.24	100
NO0001R	nickel	precip	0.15	100	0.22	100	0.29	100	0.32	100	0.22	100	0.22	100	0.26	100	0.70	100	0.11	100	0.17	100	0.07	100	0.06	100	0.18	100
PL0004R	nickel	precip	0.14	100	0.33	100	0.20	100	0.17	100	0.19	100	0.16	100	0.11	100	0.11	100	0.14	100	0.10	100	0.12	100	0.15	100	0.15	100
PL0005R	nickel	precip	0.59	100	0.88	100	0.51	100	3.54	100	0.51	100	0.37	100	0.40	100	0.57	100	0.96	100	0.21	100	0.25	100	0.69	100	0.63	100
SE0005R	nickel	precip	0.22	100	0.30	100	0.24	100	0.09	100	0.10	100	0.18	100	0.44	100	0.16	100	0.03	100	0.10	100	0.11	100	0.28	100	0.18	100
SE0014R	nickel	precip	0.07	100	0.10	100	0.10	100	0.14	100	0.23	100	0.18	100	0.19	100	0.10	100	0.16	100	0.12	100	0.12	100	0.17	100	0.13	100
SE0020R	nickel	precip	0.07	100	0.11	100	0.16	100	0.26	100	0.28	100	0.26	100	0.76	100	0.79	100	0.22	100	0.11	100	0.14	100	0.11	100	0.22	100
SE0022R	nickel	precip	0.06	100	0.08	100	0.23	100	0.16	100	0.12	63	0.09	100	0.11	100	0.34	100	0.03	100	0.13	100	0.19	100	0.06	100	0.12	99
SI0008R	nickel	precip	0.08	100	0.13	100	0.13	100	0.46	100	0.35	100	0.21	100	0.27	100	0.09	100	0.17	100	0.14	100	0.08	97	0.08	26	0.16	96
SK0002R	nickel	precip	0.24	100	0.01	100	0.02	100	0.49	100	2.54	100	1.23	100	1.82	100	0.09	100	0.45	100	0.28	100	1.56	100	0.55	100	0.60	100
SK0004R	nickel	precip	0.85	100	0.36	100	0.33	100	1.15	100	0.61	100	1.00	100	7.64	100	1.03	100	0.76	100	0.42	100	0.41	100	1.07	100	1.53	100
SK0006R	nickel	precip	2.40	100	0.99	100	1.17	100	12.30	100	1.96	100	0.88	100	10.64	100	3.01	100	2.00	100	1.89	100	4.38	100	1.22	100	3.64	100
SK0007R	nickel	precip	0.53	100	1.91	100	0.27	100	1.48	100	1.08	100	0.63	100	-	-	0.45	100	0.33	100	4.02	100	1.99	100	0.40	100	0.80	100
CZ0003R	selenium	precip	0.14	94	0.22	90	0.30	78	0.26	91	0.15	100	0.20	99	0.14	98	0.17	99	0.15	99	0.19	97	0.13	88	0.13	97	0.16	96
CZ0005R	selenium	precip	0.13	100	0.17	100	0.21	100	0.13	100	0.13	100	0.23	100	0.18	100	0.13	100	0.14	100	0.13	100	0.13	94	0.13	100	0.15	100
DE0001R	selenium	precip	0.08	100	0.13	97	0.12	100	0.13	100	0.16	100	0.18	100	-	-	0.12	100	0.10	100	0.15	100	0.14	100	0.12	100	0.12	99
DE0002R	selenium	precip	0.06	100	0.08	98	0.15	100	0.13	99	0.14	98	0.10	100	0.12	100	0.15	100	0.10	100	0.11	100	0.08	100	0.09	100	0.11	100
DE0003R	selenium	precip	0.02	100	0.02	100	0.04	100	0.07	100	0.08	100	0.08	100	0.08	100	0.08	100	0.07	100	0.12	94	0.03	100	0.04	100	0.05	100
DE0007R	selenium	precip	0.07	100	0.08	97	0.17	99	0.11	100	0.30	99	0.24	99	0.06	100	0.18	100	0.08	100	0.10	100	0.10	100	0.09	100	0.12	100
DE0008R	selenium	precip	0.10	100	0.12	100	0.15	100	0.14	99	0.14	100	0.13	100	0.20	100	0.14	100	0.09	99	0.12	100	0.11	100	0.08	100	0.12	100
DE0009R	selenium	precip	0.07	100	0.11	100	0.10	100	0.08	100	0.22	100	0.11	100	0.07	100	0.12	100	0.10	100	0.12	100	0.06	100	0.07	100	0.09	100
GB0048R	selenium	precip	0.05	100	0.05	100	0.10	100	0.13	100	0.12	94	0.11	98	0.10	99	0.07	100	0.04	100	0.08	100	0.08	100	0.04	100	0.08	100
GB1055R	selenium	precip	0.02	100	0.12	100	0.07	100	0.10	93	0.15	93	0.14	28	0.11	89	0.04	100	0.05	94	0.10	100	0.05	100	0.02	100	0.07	97
GB0048R	strontium	precip	1.51	100	1.41	100	1.40	100	1.83	100	1.62	100	0.56	98	0.48	99	0.77	100	2.01	100	0.84	100	1.06	100	0.83	100	1.19	100
GB1055R	strontium	precip	1.45	100	1.38	100	0.83	100	1.08	100	2.00	99	4.73	92	1.67	98	1.04	100	1.92	100	0.62	100	1.66	100	1.10	100	1.29	100
DE0001R	thallium	precip	0.003	100	0.004	97	0.004	100	0.008	100	0.009	100	0.008	100	-	-	0.004	100	0.002	100	0.003	100	0.006	100	0.003	100	0.004	99
DE0002R	thallium	precip	0.003	100	0.003	98	0.008	100	0.009	99	0.006	98	0.003	100	0.003	100	0.005	100	0.005	100	0.003	100	0.006	100	0.003	100	0.005	100
DE0003R	thallium	precip	0.001	100	0.001	100	0.002	100	0.005	100	0.004	100	0.003	100	0.002	100	0.002	100	0.002	100	0.009	94	0.001	100	0.001	100	0.002	100
DE0007R	thallium	precip	0.003	100	0.003	97	0.010	99	0.006	100	0.026	99	0.016	99	0.002	100	0.008	100	0.004	100	0.003	100	0.004	100	0.003	100	0.006	100
DE0008R	thallium	precip	0.003	100	0.005	100	0.004	100	0.005	99	0.007	100	0.004	100	0.003	100	0.004	100	0.002	99	0.003	100	0.003	100	0.002	100	0.004	100
DE0009R	thallium	precip	0.004	100	0.006	100	0.005	100	0.004	100	0.012	100	0.004	100	0.002	100	0.005	100	0.005	100	0.005	100	0.003	100	0.002	100	0.004	100
GB0048R	tin	precip	0.04	100	0.04	100	0.07	100	0.05	100	0.09	94	0.03	98	0.04	99	0.09	100	0.17	100	0.11	100	0.05	100	0.17	100	0.08	100
GB1055R	tin	precip	0.01	100	0.01	100	0.03	100	0.02	93	0.10	93	0.15	28	0.03	89	0.01	85	0.03	94	0.08	100	0.05	100	0.18	100	0.05	96
DE0001R	titanium	precip	0.14	100	0.36	97	0.26	100	1.23	100	1.01	100	0.99	100	-	-	0.52	100	0.35	100	0.40	100	0.47	100	0.19	100	0.48	99
DE0002R	titanium	precip	0.13	100	0.34	98	0.27	100	1.16	99	2.15	98	0.68	100	0.82	100	2.65	100	2.04	100	0.52	100	1.01	100	0.25	100	0.80	100
DE0003R	titanium	precip	0.07	100	0.07	100	0.12	100	1.34	100	0.51	100	0.43	100	0.67	100	0.42	100	0.46	100	3.92	94	0.31	100	0.14	100	0.34	100
DE0007R	titanium	precip	0.24	100	0.57	97	0.24	99	0.79	100	2.39	99	1.55	99	0.41	100	2.23	100	2.32	100	0.82	100	0.61	100	0.17	100	0.85	100
DE0008R	titanium	precip	0.08	100	0.27	100	0.29	100	0.53	99	0.68	100	0.50	100	0.72	100	1.41	100	0.40	99	0.32	100	0.21	100	0.10	100	0.40	100
DE0009R	titanium	precip	0.30	100	0.77	100	0.26	100	0.60	100	1.74	100	0.54	100	0.90	100	1.44	100	2.26	100	0.34	100	0.43	100	0.23	100	0.71	100
GB0048R	titanium	precip	0.12	100	0.12	100	0.15	100	0.30	100	0.25	94	0.15	98	0.25	99	0.10	100	0.12	100	0.14	100	0.09	100	0.14	100	0.15	100
GB1055R	titanium	precip	0.07	100	0.12	100	0.10	100	0.18	93	0.59	93	0.31	28	0.18	89	0.16	85	0.11	94	0.12	100	0.10	100	0.14	100	0.15	96

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
GB0048R	tungsten	precip	0.005	100	0.005	100	0.005	100	0.010	100	0.006	94	0.005	98	0.009	99	0.033	100	0.052	100	0.012	100	0.005	100	0.005	100	0.013	100
GB1055R	tungsten	precip	0.010	100	0.006	100	0.005	100	0.006	93	0.012	93	0.015	28	0.005	89	0.005	85	0.007	94	0.008	100	0.007	100	0.005	100	0.007	96
GB0048R	uranium	precip	0.001	100	0.001	100	0.001	100	0.003	100	0.001	94	0.001	98	0.003	99	0.002	100	0.002	100	0.003	100	0.001	100	0.001	100	0.002	100
GB1055R	uranium	precip	0.001	100	0.001	100	0.001	100	0.001	93	0.004	93	0.001	28	0.002	89	0.001	100	0.001	94	0.001	100	0.001	100	0.001	100	0.001	97
CZ0003R	vanadium	precip	0.08	94	0.05	90	0.17	78	1.43	91	0.13	100	0.17	99	0.21	98	0.26	99	0.10	99	0.13	97	0.11	88	0.03	97	0.16	96
CZ0005R	vanadium	precip	0.02	100	0.09	100	0.12	100	0.34	100	0.13	100	0.17	100	0.12	100	0.10	100	0.11	100	0.09	100	0.05	94	0.03	100	0.10	100
DE0001R	vanadium	precip	0.09	100	0.11	97	0.15	100	0.34	100	0.27	100	0.27	100	-	-	0.19	100	0.16	100	0.16	100	0.15	100	0.12	100	0.17	99
DE0002R	vanadium	precip	0.10	100	0.09	98	0.10	100	0.26	99	0.69	98	0.17	100	0.20	100	0.53	100	0.60	100	0.22	100	0.21	100	0.09	100	0.22	100
DE0003R	vanadium	precip	0.03	100	0.01	100	0.05	100	0.32	100	0.11	100	0.18	100	0.17	100	0.12	100	0.10	100	0.28	94	0.06	100	0.05	100	0.09	100
DE0007R	vanadium	precip	0.06	100	0.11	97	0.14	99	0.24	100	0.43	99	0.31	99	0.10	100	0.42	100	0.45	100	0.18	100	0.13	100	0.11	100	0.19	100
DE0008R	vanadium	precip	0.06	100	0.06	100	0.08	100	0.14	99	0.14	100	0.11	100	0.13	100	0.22	100	0.08	99	0.07	100	0.05	100	0.05	100	0.09	100
DE0009R	vanadium	precip	0.16	100	0.36	100	0.13	100	0.15	100	0.36	100	0.26	100	0.16	100	0.34	100	0.57	100	0.28	100	0.14	100	0.11	100	0.22	100
FI0018R	vanadium	precip	0.38	100	0.60	100	0.81	100	0.26	100	0.69	100	0.27	100	0.09	100	0.09	100	0.12	100	0.20	100	0.81	100	0.45	100	0.27	100
FI0036R	vanadium	precip	0.07	100	0.22	100	0.10	100	0.11	100	0.18	100	0.06	100	0.10	100	0.07	100	0.05	100	0.06	100	0.06	100	0.05	100	0.08	100
FI0050R	vanadium	precip	0.10	100	0.18	100	0.22	100	0.19	100	0.11	100	0.22	100	0.09	100	0.14	100	0.08	100	0.12	100	0.37	100	0.12	100	0.14	100
FI0053R	vanadium	precip	0.18	100	1.35	100	0.45	100	0.30	100	0.13	100	0.27	100	0.48	100	0.13	100	0.15	100	0.31	100	0.87	100	0.31	100	0.24	100
FI0092R	vanadium	precip	0.11	100	0.11	55	0.21	97	0.24	100	0.35	100	0.16	100	0.07	100	0.07	100	0.06	100	0.17	100	0.13	100	0.09	100	0.13	98
FI0093R	vanadium	precip	0.16	100	0.21	100	0.17	100	0.15	100	0.21	100	0.10	100	0.07	100	0.14	100	0.08	100	0.18	100	0.25	100	0.13	100	0.14	100
FR0090R	vanadium	precip	0.40	100	0.36	100	0.26	100	0.68	100	1.06	100	0.42	100	0.51	100	0.34	100	0.53	100	0.25	100	0.23	100	0.39	100	0.38	100
GB0048R	vanadium	precip	0.08	100	0.10	100	0.13	100	0.23	100	0.16	94	0.09	98	0.12	99	0.11	100	0.31	100	0.05	100	0.08	100	0.07	100	0.12	100
GB1055R	vanadium	precip	0.22	100	0.18	100	0.14	100	0.18	93	0.23	93	0.11	28	0.22	89	0.10	85	0.26	94	0.15	100	0.19	100	0.12	100	0.17	96
IS0091R	vanadium	precip	0.64	100	0.94	100	0.43	100	1.53	100	0.27	100	0.50	100	0.41	100	1.55	100	2.45	100	3.17	100	3.19	28	2.00	88	1.41	94
NL0010R	vanadium	precip	0.12	100	0.22	100	0.29	100	0.94	100	0.62	100	0.29	100	-	-	0.42	100	0.59	100	0.71	100	0.17	100	0.08	100	0.36	100
NL0091R	vanadium	precip	0.12	100	0.19	100	0.18	100	0.32	100	0.23	100	0.36	100	0.61	96	0.18	100	0.13	100	0.14	100	0.08	100	0.09	100	0.17	100
NO0001R	vanadium	precip	0.10	100	0.12	100	0.33	100	0.17	100	0.16	100	0.23	100	0.35	100	0.18	100	0.12	100	0.09	100	0.16	100	0.10	100	0.14	100
SE0005R	vanadium	precip	0.07	100	0.13	100	0.12	100	0.08	100	0.14	100	0.09	100	0.09	100	0.11	100	0.07	100	0.04	100	0.08	100	0.04	100	0.09	100
SE0014R	vanadium	precip	0.16	100	0.23	100	0.20	100	0.29	100	0.37	100	0.27	100	0.27	100	0.20	100	0.22	100	0.14	100	0.15	100	0.14	100	0.21	100
SE0020R	vanadium	precip	0.15	100	0.18	100	0.22	100	0.27	100	0.39	100	0.29	100	0.42	100	0.25	100	0.26	100	0.13	100	0.21	100	0.18	100	0.20	100
SE0022R	vanadium	precip	0.11	100	0.13	100	0.41	100	0.23	100	0.19	63	0.17	100	0.13	100	0.15	100	0.10	100	0.14	100	0.29	100	0.11	100	0.15	99
SI0008R	vanadium	precip	0.32	100	0.16	100	0.27	100	0.96	100	0.52	100	0.37	100	0.40	100	0.14	100	0.23	100	0.26	100	0.15	97	0.22	26	0.30	96
BE0014R	zinc	precip	5.3	100	8.0	100	7.5	100	4.7	100	10.5	98	8.6	84	11.8	97	7.4	100	10.1	100	4.9	99	7.1	100	5.17	100	6.8	100
CZ0003R	zinc	precip	36.6	94	6.0	90	53.1	78	36.7	91	13.6	100	11.8	99	33.6	98	11.0	99	12.9	99	7.2	97	9.9	88	16.95	97	17.8	96
CZ0005R	zinc	precip	4.4	100	12.3	100	11.1	100	15.4	100	4.8	100	4.1	100	5.3	100	4.8	100	4.3	100	4.2	100	5.7	94	2.11	100	5.0	100
DE0001R	zinc	precip	2.0	100	2.8	97	2.7	100	4.5	100	9.2	100	6.2	100	-	-	2.4	100	1.8	100	2.5	100	3.5	100	1.82	100	2.8	99
DE0002R	zinc	precip	2.9	100	3.0	98	3.6	100	4.3	99	9.4	98	3.7	100	3.5	100	8.5	100	4.4	100	3.0	100	5.0	100	2.63	100	4.0	100
DE0003R	zinc	precip	1.4	100	1.0	100	3.1	100	5.1	100	3.9	100	2.9	100	3.1	100	2.3	100	2.7	100	31.8	94	2.3	100	1.07	100	2.6	100
DE0007R	zinc	precip	3.5	100	3.8	97	5.9	99	4.5	100	15.5	99	11.4	99	4.0	100	7.9	100	4.8	100	2.6	100	4.6	100	3.52	100	5.4	100
DE0008R	zinc	precip	6.8	100	7.2	100	7.2	100	15.7	99	5.7	100	6.9	100	10.0	100	10.3	100	10.4	99	19.6	100	6.9	100	9.52	100	9.1	100
DE0009R	zinc	precip	2.5	100	4.5	100	3.3	100	3.0	100	9.0	100	3.9	100	2.4	100	4.5	100	4.4	100	4.5	100	3.5	100	2.00	100	3.4	100
DK0005R	zinc	precip	15.4	100	39.7	100	8.7	100	15.7	100	12.1	100	18.3	100	58.0	100	15.4	100	7.0	100	15.1	100	18.1	100	7.69	100	16.5	100
DK0008R	zinc	precip	7.9	100	13.2	100	14.3	100	32.3	100	32.8	100	63.8	100	92.5	100	9.7	100	14.5	100	17.5	100	17.8	100	8.85	100	14.9	100
DK0012R	zinc	precip	6.8	100	14.7	100	9.1	100	32.8	100	14.9	100	53.5	100	54.1	100	5.1	100	23.4	100	20.2	100	18.3	100	6.79	100	12.2	100
DK0022R	zinc	precip	14.1	100	6.3	100	13.6	100	9.1	100	18.5	100	9.9	100	16.8	100	5.6	100	3.7	100	7.4	100	7.0	100	6.59	100	8.8	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
EE0009R	zinc	precip	6.1	100	22.3	100	22.3	100	42.8	100	23.0	100	10.2	100	6.1	100	6.1	100	6.4	100	36.6	100	11.0	100	44.63	100	20.7	100
EE0011R	zinc	precip	5.2	100	34.6	100	12.5	100	16.0	100	5.7	100	12.0	100	1.7	100	1.1	100	8.3	100	13.0	100	30.5	100	49.86	100	14.9	100
ES0008R	zinc	precip	50.7	100	50.0	100	40.4	100	55.3	100	18.7	100	54.1	100	51.9	100	44.8	100	77.7	100	34.0	100	47.4	100	35.21	100	46.6	100
ES0009R	zinc	precip	16.2	100	76.5	100	49.8	100	146.2	100	58.9	100	68.2	100	62.8	100	77.8	100	241.2	100	34.9	100	45.2	100	67.98	100	64.7	100
FI0018R	zinc	precip	5.7	100	7.4	100	8.3	100	5.5	100	13.1	100	5.2	100	2.4	100	1.8	100	1.8	100	2.5	100	15.3	100	6.61	100	4.3	100
FI0036R	zinc	precip	1.0	100	2.9	100	1.3	100	1.2	100	3.0	100	0.9	100	1.4	100	1.0	100	1.0	100	1.3	100	0.9	100	1.04	100	1.2	100
FI0050R	zinc	precip	1.9	100	3.8	100	3.8	100	3.4	100	1.6	100	1.6	100	3.5	100	2.9	100	4.1	100	2.0	100	8.8	100	4.43	100	3.1	100
FI0053R	zinc	precip	1.6	100	10.6	100	4.2	100	4.0	100	1.5	100	1.7	100	5.6	100	2.3	100	2.6	100	2.7	100	8.4	100	3.04	100	2.7	100
FI0092R	zinc	precip	1.6	100	1.6	55	2.5	97	2.6	100	3.4	100	1.8	100	1.2	100	0.9	100	1.4	100	2.1	100	2.0	100	1.38	100	1.7	98
FI0093R	zinc	precip	2.2	100	3.4	100	2.9	100	2.1	100	3.0	100	1.3	100	1.2	100	1.5	100	3.3	100	3.1	100	5.3	100	3.16	100	2.5	100
FR0090R	zinc	precip	5.5	100	6.6	100	4.5	100	8.6	100	14.0	100	11.9	100	9.6	100	7.0	100	12.5	100	6.3	100	4.3	100	3.91	100	6.4	100
GB0006R	zinc	precip	0.5	100	0.5	100	1.5	100	1.7	100	3.5	100	1.8	100	3.6	100	2.3	100	1.7	100	0.5	100	0.5	100	0.50	100	1.5	100
GB0013R	zinc	precip	2.1	100	3.0	100	2.1	67	2.2	60	5.3	53	6.0	33	16.9	89	4.6	74	1.9	100	3.8	100	1.7	99	3.48	100	3.4	87
GB0017R	zinc	precip	2.4	100	4.4	100	11.0	100	7.8	100	7.8	36	-	-	-	-	-	-	-	-	4.9	89	10.9	100	12.90	100	6.8	69
GB0048R	zinc	precip	4.4	100	3.6	100	3.9	100	5.6	100	5.1	94	2.1	98	5.8	99	8.7	100	8.6	100	7.8	100	3.3	100	2.99	100	5.1	100
GB1055R	zinc	precip	3.7	100	3.3	100	3.2	100	2.7	93	8.2	93	14.1	28	5.3	89	2.7	85	4.5	94	5.0	100	4.8	100	2.79	100	3.9	96
IS0091R	zinc	precip	12.4	100	22.0	100	20.1	100	16.0	100	10.1	100	10.3	100	8.1	100	19.2	100	17.3	100	16.8	100	16.8	28	11.50	88	14.7	94
NL0010R	zinc	precip	7.0	100	11.5	100	9.0	100	19.4	100	14.5	100	7.5	100	-	-	6.3	100	15.1	100	17.9	100	4.9	100	3.27	100	9.3	100
NL0091R	zinc	precip	4.4	100	2.8	100	4.8	100	5.2	100	4.3	100	7.4	100	13.0	96	3.0	100	2.7	100	2.4	100	1.9	100	2.01	100	3.5	100
NO0001R	zinc	precip	3.2	100	6.2	100	8.7	100	6.6	100	4.1	100	3.7	100	4.8	100	3.3	100	2.5	100	3.8	100	3.6	100	3.91	100	4.0	100
NO0039R	zinc	precip	0.7	100	0.6	100	0.5	100	1.2	100	4.9	100	3.5	100	8.2	100	1.8	100	1.3	100	2.4	100	2.1	92	3.43	100	2.3	100
NO0056R	zinc	precip	5.2	100	5.8	100	3.4	100	4.0	100	7.7	100	3.7	100	4.5	99	6.9	100	2.9	100	5.0	100	2.6	100	6.41	100	4.4	100
PL0004R	zinc	precip	1.9	100	6.1	100	5.3	100	8.1	100	5.4	100	3.0	100	2.8	100	3.1	100	2.9	100	1.6	100	5.2	100	2.45	100	3.3	100
PL0005R	zinc	precip	14.2	100	8.2	100	6.0	100	16.3	100	9.0	100	6.1	100	5.6	100	5.0	100	4.1	100	1.6	100	5.7	100	4.73	100	6.1	100
SE0005R	zinc	precip	7.1	100	8.7	100	4.6	100	1.5	100	2.3	100	0.0	100	3.5	100	0.8	100	0.8	100	1.5	100	3.3	100	8.67	100	2.7	100
SE0014R	zinc	precip	2.0	100	4.2	100	6.1	100	5.5	100	7.4	100	4.2	100	5.5	100	2.8	100	2.5	100	3.9	100	5.7	100	2.57	100	3.9	100
SE0020R	zinc	precip	3.1	100	4.5	100	4.7	100	5.6	100	10.7	100	18.3	100	9.4	100	6.9	100	6.9	100	17.7	100	4.5	100	2.63	100	7.6	100
SE0022R	zinc	precip	2.2	100	2.2	100	8.2	100	2.6	100	2.5	63	2.4	100	0.8	100	2.2	100	1.5	100	2.9	100	6.2	100	3.09	100	2.4	99
SI0008R	zinc	precip	1.7	100	2.4	100	3.9	100	5.8	100	4.4	100	1.7	100	3.8	100	1.7	100	2.5	100	2.5	100	0.3	97	3.15	26	2.5	96
SK0002R	zinc	precip	57.1	100	23.0	100	17.7	100	25.1	100	19.0	100	11.8	100	21.9	100	6.9	100	12.2	100	5.5	100	37.0	100	6.15	100	19.4	100
SK0004R	zinc	precip	7.8	100	5.0	100	10.2	100	21.2	100	8.3	100	10.1	100	21.5	100	5.4	100	3.0	100	4.2	100	134.8	100	13.68	100	12.3	100
SK0006R	zinc	precip	11.2	100	15.4	100	5.4	100	5.9	100	10.9	100	7.7	100	7.7	100	2.9	100	1.5	100	1.4	100	3.4	100	5.20	100	6.7	100
SK0007R	zinc	precip	11.5	100	32.6	100	21.2	100	68.2	100	60.6	100	11.0	100	-	-	60.8	100	37.1	100	35.4	100	13.0	100	71.09	100	37.7	100
BE0014R	precipitation_amount	precip	82	100	38	100	67	100	91	100	23	100	4	100	29	100	89	100	50	100	61	100	48	100	80	100	662	100
CZ0003R	precipitation_amount	precip	37	100	20	100	27	100	11	100	58	100	59	100	49	100	65	100	98	100	40	100	17	100	74	100	556	100
CZ0003R	precipitation_amount (Hg)	precip	41	100	19	100	26	100	12	100	57	100	53	100	57	100	98	100	67	100	39	100	21	100	68	100	558	100
CZ0005R	precipitation_amount	precip	127	100	32	100	52	100	21	100	132	100	126	100	97	100	75	100	91	100	58	100	60	100	180	100	1051	100
DE0001R	precipitation_amount	precip	64	97	20	100	37	100	55	100	13	100	24	100	4	100	79	100	132	100	24	100	34	100	50	100	535	100
DE0001R	precipitation_amount (Hg)	precip	75	100	21	100	42	100	62	100	14	100	27	100	5	100	90	100	134	100	25	100	37	100	58	100	589	100
DE0002R	precipitation_amount	precip	60	97	12	100	47	100	49	100	13	100	23	100	43	100	22	100	21	100	19	100	15	100	48	100	373	100
DE0002R	precipitation_amount (Hg)	precip	61	97	13	100	48	100	51	100	13	100	24	100	45	100	23	100	23	100	20	100	17	100	56	100	394	100
DE0003R	precipitation_amount	precip	262	94	110	100	84	100	51	100	129	100	66	100	47	100	113	100	89	100	13	100	71	100	175	100	1210	99
DE0003R	precipitation_amount (Hg)	precip	267	97	112	100	85	100	53	100	128	100	64	100	46	100	112	100	90	100	13	100	73	100	185	100	1230	100
DE0007R	precipitation_amount	precip	63	97	11	100	38	100	39	100	10	100	34	100	56	100	34	100	28	100	18	100	21	100	48	100	399	100
DE0008R	precipitation_amount	precip	153	97	29	100	76	100	46	100	112	100	44	100	82	100	57	100	66	100	52	100	58	100	157	100	931	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
DE0008R	precipitation_amount (Hg)	precip	143	97	27	100	71	100	44	100	109	100	43	100	79	100	55	100	66	100	53	100	57	100	139	100	886	100
DE0009R	precipitation_amount	precip	56	97	13	100	63	100	42	100	7	100	25	100	46	100	45	100	31	100	27	100	13	100	46	100	415	100
DE0009R	precipitation_amount (Hg)	precip	59	100	20	100	74	100	37	100	9	100	23	100	50	100	48	100	27	100	31	100	18	100	46	100	442	100
DK0005R	precipitation_amount	precip	54	99	12	100	38	100	42	100	15	100	18	100	29	100	41	100	48	100	31	98	21	99	62	100	409	100
DK0008R	precipitation_amount	precip	82	99	25	100	30	98	0	2	15	100	11	100	4	100	67	100	35	100	36	98	28	99	48	98	381	91
DK0012R	precipitation_amount	precip	62	99	16	100	63	100	16	100	38	100	3	100	12	100	113	100	16	100	32	100	20	100	55	100	446	100
DK0022R	precipitation_amount	precip	113	99	48	100	28	100	42	100	20	100	58	100	21	100	85	100	92	100	58	100	40	100	92	100	697	100
EE0009R	precipitation_amount	precip	47	100	27	100	24	100	58	100	2	100	26	100	75	100	34	100	94	100	119	98	32	99	40	100	577	100
EE0009R	precipitation_amount (Hg)	precip	47	100	27	100	24	100	58	100	2	100	26	100	75	100	34	100	94	100	119	98	32	99	40	100	577	100
EE0011R	precipitation_amount	precip	44	100	38	100	19	100	33	100	22	100	40	100	55	100	86	100	75	100	96	100	38	100	58	100	605	100
ES0008R	precipitation_amount	precip	148	84	210	86	185	87	93	84	72	67	81	87	107	84	56	87	63	87	132	84	124	67	37	65	1307	81
ES0008R	precipitation_amount (Hg)	precip	114	84	162	86	146	87	64	84	46	67	52	87	79	84	48	87	58	87	104	84	111	67	33	85	1018	82
ES0009R	precipitation_amount	precip	26	65	29	64	27	33	2	20	59	86	100	87	40	43	8	19	21	60	48	64	59	87	17	65	436	58
FI0018R	precipitation_amount	precip	51	99	26	100	16	100	46	100	8	100	21	100	50	100	75	100	125	100	43	100	13	100	65	100	538	100
FI0036R	precipitation_amount	precip	44	100	18	100	15	100	23	100	18	100	42	100	28	95	69	92	85	100	26	99	29	100	46	100	443	99
FI0036R	precipitation_amount (Hg)	precip	9	77	3	100	1	100	15	100	13	100	44	100	45	100	68	100	51	100	12	94	15	63	28	84	304	93
FI0050R	precipitation_amount	precip	51	100	22	100	21	100	33	100	27	100	70	100	53	100	35	100	67	100	40	100	14	100	30	100	463	100
FI0053R	precipitation_amount	precip	30	98	2	100	13	100	18	100	16	100	47	100	3	100	91	100	51	100	39	100	9	100	22	100	342	100
FI0092R	precipitation_amount	precip	66	100	17	100	52	100	29	100	16	100	52	100	33	100	81	100	97	100	49	100	33	100	38	100	563	100
FI0093R	precipitation_amount	precip	54	100	29	100	32	100	47	100	20	100	69	100	32	100	66	100	73	100	44	100	25	100	32	100	523	100
FR0008R	precipitation_amount	precip_tot	87	96	72	100	98	100	166	100	12	69	0	0	32	47	50	100	95	100	201	100	47	21	0	0	860	69
FR0009R	precipitation_amount	precip_tot	179	9	56	100	73	100	70	100	83	100	82	100	27	100	37	43	51	65	75	100	173	100	157	100	1063	85
FR0013R	precipitation_amount	precip_tot	106	100	86	100	108	100	92	100	105	100	106	100	21	53	13	57	32	100	68	100	41	100	53	100	830	92
FR0023R	precipitation_amount	precip_tot	166	100	56	100	175	100	108	100	191	100	124	100	54	100	45	100	25	100	175	100	210	100	81	100	1411	100
FR0024R	precipitation_amount	precip_tot	57	99	55	100	84	100	56	100	60	100	96	100	46	100	40	100	67	100	30	100	114	100	72	100	778	100
FR0025R	precipitation_amount	precip_tot	140	100	76	100	78	100	78	100	80	100	78	100	46	100	28	100	19	100	48	100	68	100	57	100	795	100
FR0090R	precipitation_amount	precip	106	99	57	100	112	100	51	100	19	100	16	100	47	100	54	100	23	100	76	100	92	100	75	100	727	100
GB0006R	precipitation_amount	precip	42	28	134	100	94	100	114	100	76	100	52	100	92	100	191	100	79	100	124	100	144	100	108	98	1248	94
GB0013R	precipitation_amount	precip	145	100	63	100	193	100	106	100	37	100	17	100	50	100	55	100	73	87	106	100	138	100	188	100	1170	99
GB0013R	precipitation_amount (Hg)	precip	147	100	67	100	186	100	134	100	54	100	23	100	62	100	61	100	61	100	12	10	176	100	171	100	1152	92
GB0017R	precipitation_amount	precip	62	100	44	100	63	100	68	100	29	100	5	100	38	100	46	100	33	100	59	100	31	100	1	5	479	92
GB0017R	precipitation_amount (Hg)	precip	62	100	47	100	66	100	70	100	35	100	2	9	36	99	40	100	29	100	880	100	164	100	52	100	1483	92
GB0048R	precipitation_amount	precip	95	100	35	100	54	100	45	100	21	100	67	100	34	77	60	100	65	100	50	100	66	100	69	100	662	98
GB0048R	precipitation_amount (Hg)	precip	74	100	47	100	56	100	64	100	42	100	52	100	43	100	63	100	68	100	47	100	86	100	61	100	701	100
GB1055R	precipitation_amount	precip	66	100	31	100	95	100	76	100	37	100	6	100	20	100	54	100	37	100	49	100	83	100	81	100	636	100
GB1055R	precipitation_amount (Hg)	precip	-	-	33	100	85	100	88	100	43	95	0	0	15	21	67	100	37	100	48	100	94	100	103	100	612	76
HU0002R	precipitation_amount	precip	29	97	87	100	83	100	25	100	49	100	122	100	42	100	69	100	20	100	11	100	48	100	22	100	606	100
IS0091R	precipitation_amount	precip	82	100	106	100	43	100	85	100	220	100	110	100	121	100	142	100	167	100	189	100	110	100	79	100	1455	100
LV0010R	precipitation_amount	precip	51	100	30	100	30	100	36	100	29	100	26	100	54	100	53	100	10	31	-	-	-	-	-	-	319	69
LV0010R	precipitation_amount (Hg)	precip	51	100	30	100	30	100	36	100	29	100	26	100	54	100	53	100	10	31	-	-	-	-	-	-	319	69
NL0010R	precipitation_amount	precip	75	94	15	93	53	94	47	90	61	94	42	73	-	-	59	81	37	90	14	93	61	93	69	68	532	80
NL0091R	precipitation_amount	precip	63	84	29	86	46	87	60	87	48	84	20	87	3	87	95	84	77	87	26	84	45	87	71	87	583	86
NL0091R	precipitation_amount (Hg)	precip	51	100	19	75	30	77	61	100	25	100	14	87	7	45	103	77	65	100	41	100	17	100	60	100	492	88
NO0001R	precipitation_amount	precip	198	99	132	100	47	100	67	100	48	100	61	100	22	100	84	100	228	100	40	100	256	100	166	100	1349	100
NO0001R	precipitation_amount (Hg)	precip	256	100	169	100	46	100	89	100	52	100	72	100	29	100	94	100	249	100	51	100	226	100	177	100	1511	100
NO0039R	precipitation_amount	precip	63	90	27	99	60	100	57	100	38	100	54	100	34	97	177	100	215	100	239	100	14	100	223	100	1202	99

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
NO0056R	precipitation_amount	precip	132	96	51	100	21	100	60	100	24	100	50	100	44	100	60	100	152	100	55	100	161	100	85	100	895	100
PL0004R	precipitation_amount	precip	59	100	19	100	36	100	30	100	28	100	21	100	34	100	49	100	90	100	75	100	14	100	69	100	524	100
PL0005R	precipitation_amount	precip	20	100	16	100	18	100	20	100	35	100	28	100	109	100	48	100	33	100	59	100	21	100	56	98	463	100
PL0005R	precipitation_amount (Hg)	precip	13	100	14	100	12	100	19	100	38	100	33	100	151	100	47	100	33	100	90	100	27	100	46	98	523	100
SE0005R	precipitation_amount	precip	12	100	7	100	8	100	25	100	22	100	18	100	52	100	82	100	50	100	20	100	42	100	33	100	371	100
SE0005R	precipitation_amount (Hg)	precip	32	81	21	100	38	100	30	100	21	100	24	100	70	100	110	100	52	100	42	100	32	100	39	100	512	98
SE0014R	precipitation_amount	precip	70	100	32	100	23	100	39	100	24	100	22	100	17	100	69	100	33	100	40	100	32	100	28	94	429	99
SE0014R	precipitation_amount (Hg)	precip	74	100	3	93	5	65	38	100	28	100	31	100	18	100	81	100	61	100	39	100	52	100	31	94	459	96
SE0020R	precipitation_amount	precip	82	100	28	100	34	100	27	100	10	100	15	100	7	100	48	100	38	100	76	100	27	100	43	97	436	100
SE0020R	precipitation_amount (Hg)	precip	23	100	29	100	15	100	34	100	105	100	50	100	38	100	16	100	22	100	61	100	33	100	21	97	446	100
SE0022R	precipitation_amount	precip	37	100	28	100	7	100	37	100	6	100	23	100	59	100	31	100	46	100	13	100	16	100	38	65	340	97
SI0008R	precipitation_amount	precip	139	100	157	100	95	100	59	100	67	100	133	100	65	100	132	100	58	100	150	100	122	100	64	100	1241	100
SI0008R	precipitation_amount (Hg)	precip	120	100	194	100	98	100	56	100	76	100	127	100	85	100	128	100	76	100	128	100	130	100	67	100	1284	100
SK0002R	precipitation_amount	precip	186	100	86	100	129	100	42	100	72	100	165	100	71	100	208	100	72	100	74	100	15	100	181	100	1301	100
SK0004R	precipitation_amount	precip	18	100	24	100	46	100	26	100	68	100	133	100	68	100	75	100	66	100	57	100	13	100	27	100	621	100
SK0006R	precipitation_amount	precip	36	100	21	100	64	100	22	43	75	81	66	100	98	100	25	81	34	93	53	65	24	63	67	100	584	85
SK0007R	precipitation_amount	precip	20	100	32	100	60	100	16	100	27	100	58	100	0	0	43	100	59	100	7	100	30	100	57	100	408	92
IT0019R	aluminium	precip+dry_dep	720000	100	4673000	100	4300000	100	3091000	100	1231000	100	345000	100	986600	100	890700	100	486300	100	1572000	100	321000	100	282000	100	1555053	100
IT0019R	antimony	precip+dry_dep	760	100	750	100	280	100	470	100	200	100	100	100	390	100	540	100	300	100	330	100	100	100	410	100	384	100
ES0001R	arsenic	precip+dry_dep	-	-	60	96	-	-	260	97	-	-	40	97	-	-	-	-	-	-	110	97	-	-	-	-	118	32
ES0007R	arsenic	precip+dry_dep	-	-	50	96	-	-	210	97	-	-	510	97	-	-	-	-	-	-	60	97	-	-	-	-	209	32
ES0008R	arsenic	precip+dry_dep	-	-	180	96	-	-	180	97	-	-	80	97	-	-	-	-	-	-	134110	97	-	-	-	-	35093	32
ES0012R	arsenic	precip+dry_dep	-	-	30	96	-	-	100	97	-	-	50	97	-	-	-	-	-	-	40	97	-	-	-	-	55	32
ES0014R	arsenic	precip+dry_dep	-	-	50	96	-	-	140	97	-	-	70	97	-	-	-	-	-	-	130	97	-	-	-	-	99	32
IT0019R	arsenic	precip+dry_dep	340	100	700	100	780	100	620	100	110	100	20	100	240	100	300	100	160	100	410	100	130	100	130	100	326	100
IT0019R	barium	precip+dry_dep	18700	100	50500	100	49200	100	35900	100	25700	100	13300	100	9130	100	13600	100	5820	100	24100	100	7730	100	10800	100	21876	100
ES0001R	cadmium	precip+dry_dep	-	-	40	96	-	-	70	97	-	-	20	97	-	-	-	-	-	-	60	97	-	-	-	-	48	32
ES0007R	cadmium	precip+dry_dep	-	-	30	96	-	-	40	97	-	-	60	97	-	-	-	-	-	-	40	97	-	-	-	-	43	32
ES0008R	cadmium	precip+dry_dep	-	-	110	96	-	-	50	97	-	-	50	97	-	-	-	-	-	-	180	97	-	-	-	-	98	32
ES0012R	cadmium	precip+dry_dep	-	-	20	96	-	-	20	97	-	-	30	97	-	-	-	-	-	-	30	97	-	-	-	-	25	32
ES0014R	cadmium	precip+dry_dep	-	-	30	96	-	-	40	97	-	-	10	97	-	-	-	-	-	-	80	97	-	-	-	-	41	32
IT0019R	cadmium	precip+dry_dep	150	100	420	100	70	100	40	100	970	100	20	100	40	100	60	100	20	100	180	100	20	100	90	100	173	100
ES0001R	chromium	precip+dry_dep	-	-	260	96	-	-	490	97	-	-	150	97	-	-	-	-	-	-	440	97	-	-	-	-	337	32
ES0007R	chromium	precip+dry_dep	-	-	210	96	-	-	300	97	-	-	750	97	-	-	-	-	-	-	250	97	-	-	-	-	379	32
ES0008R	chromium	precip+dry_dep	-	-	730	96	-	-	320	97	-	-	310	97	-	-	-	-	-	-	760	97	-	-	-	-	529	32
ES0012R	chromium	precip+dry_dep	-	-	160	96	-	-	130	97	-	-	220	97	-	-	-	-	-	-	160	97	-	-	-	-	168	32
ES0014R	chromium	precip+dry_dep	-	-	190	96	-	-	2250	97	-	-	120	97	-	-	-	-	-	-	550	97	-	-	-	-	786	32
IT0019R	chromium	precip+dry_dep	980	100	10900	100	9580	100	5160	100	1570	100	250	100	1910	100	1930	100	1090	100	1700	100	830	100	920	100	3018	100
IT0019R	cobalt	precip+dry_dep	500	100	1850	100	1710	100	1280	100	300	100	100	100	310	100	320	100	100	100	630	100	100	100	250	100	613	100
ES0001R	copper	precip+dry_dep	-	-	2620	96	-	-	13990	97	-	-	5240	97	-	-	-	-	-	-	6310	97	-	-	-	-	7111	32

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt
ES0007R	copper	precip+dry_dep	-	-	6220	96	-	-	7570	97	-	-	13040	97	-	-	-	-	-	-	6310	97	-	-	-	-	8304	32
ES0008R	copper	precip+dry_dep	-	-	18140	96	-	-	6510	97	-	-	4940	97	-	-	-	-	-	-	7610	97	-	-	-	-	9132	32
ES0012R	copper	precip+dry_dep	-	-	7650	96	-	-	9070	97	-	-	8480	97	-	-	-	-	-	-	11120	97	-	-	-	-	9123	32
ES0014R	copper	precip+dry_dep	-	-	2120	96	-	-	5970	97	-	-	3660	97	-	-	-	-	-	-	7940	97	-	-	-	-	4997	32
IT0019R	copper	precip+dry_dep	4260	100	22800	100	24200	100	7820	100	7500	100	5320	100	5920	100	7140	100	3320	100	3450	100	1060	100	8780	100	8391	100
IT0019R	iron	precip+dry_dep	417000	100	3116000	100	3314000	100	2629000	100	1083000	100	181000	100	733200	100	684100	100	328800	100	710000	100	352000	100	347000	100	1144957	100
IT0019R	lanthanum	precip+dry_dep	580	100	4600	100	3150	100	2140	100	720	100	120	100	610	100	570	100	410	100	1210	100	240	100	190	100	1189	100
ES0001R	lead	precip+dry_dep	-	-	130	96	-	-	470	97	-	-	70	97	-	-	-	-	-	-	730	97	-	-	-	-	357	32
ES0007R	lead	precip+dry_dep	-	-	420	96	-	-	550	97	-	-	1250	97	-	-	-	-	-	-	340	97	-	-	-	-	641	32
ES0008R	lead	precip+dry_dep	-	-	1280	96	-	-	1530	97	-	-	1430	97	-	-	-	-	-	-	590	97	-	-	-	-	1201	32
ES0012R	lead	precip+dry_dep	-	-	340	96	-	-	190	97	-	-	100	97	-	-	-	-	-	-	230	97	-	-	-	-	213	32
ES0014R	lead	precip+dry_dep	-	-	180	96	-	-	120	97	-	-	320	97	-	-	-	-	-	-	620	97	-	-	-	-	315	32
IT0019R	lead	precip+dry_dep	1120	100	17900	100	12000	100	4380	100	1700	100	550	100	2770	100	5500	100	1920	100	5270	100	2330	100	2260	100	4728	100
ES0001R	mercury	precip+dry_dep	-	-	6	96	-	-	11	97	-	-	8	97	-	-	-	-	-	-	53	97	-	-	-	-	20	32
ES0007R	mercury	precip+dry_dep	-	-	4	96	-	-	7	97	-	-	4	97	-	-	-	-	-	-	12	97	-	-	-	-	7	32
ES0008R	mercury	precip+dry_dep	-	-	16	96	-	-	7	97	-	-	7	97	-	-	-	-	-	-	63	97	-	-	-	-	24	32
ES0012R	mercury	precip+dry_dep	-	-	3	96	-	-	3	97	-	-	30	97	-	-	-	-	-	-	3	97	-	-	-	-	10	32
ES0014R	mercury	precip+dry_dep	-	-	4	96	-	-	6	97	-	-	2	97	-	-	-	-	-	-	67	97	-	-	-	-	20	32
IT0019R	manganese	precip+dry_dep	33400	100	112000	100	127000	100	62100	100	27400	100	7700	100	21300	100	23400	100	15400	100	40900	100	13100	100	24800	100	41998	100
IT0019R	molybdenum	precip+dry_dep	420	100	350	100	70	100	470	100	20	100	20	100	130	100	130	100	70	100	800	100	260	100	140	100	239	100
ES0001R	nickel	precip+dry_dep	-	-	1290	96	-	-	2390	97	-	-	720	97	-	-	-	-	-	-	2150	97	-	-	-	-	1648	32
ES0007R	nickel	precip+dry_dep	-	-	1020	96	-	-	1460	97	-	-	1190	97	-	-	-	-	-	-	1200	97	-	-	-	-	1221	32
ES0008R	nickel	precip+dry_dep	-	-	3580	96	-	-	1500	97	-	-	1600	97	-	-	-	-	-	-	1740	97	-	-	-	-	2076	32
ES0012R	nickel	precip+dry_dep	-	-	80	96	-	-	620	97	-	-	1050	97	-	-	-	-	-	-	780	97	-	-	-	-	643	32
ES0014R	nickel	precip+dry_dep	-	-	910	96	-	-	1210	97	-	-	450	97	-	-	-	-	-	-	2670	97	-	-	-	-	1329	32
IT0019R	nickel	precip+dry_dep	5070	100	12700	100	7730	100	8210	100	8250	100	440	100	2920	100	3960	100	1230	100	2680	100	1520	100	3510	100	4809	100
IT0019R	strontium	precip+dry_dep	26800	100	16800	100	20300	100	35000	100	26500	100	15800	100	8510	100	4930	100	4140	100	38500	100	560	100	6800	100	17090	100
IT0019R	tin	precip+dry_dep	260	100	340	100	220	100	100	100	100	100	100	100	100	100	290	100	100	100	100	100	100	100	100	100	158	100
IT0019R	titanium	precip+dry_dep	4900	100	35000	100	40300	100	45500	100	21100	100	8300	100	32100	100	33900	100	19700	100	9330	100	5640	100	4840	100	21630	100
IT0019R	vanadium	precip+dry_dep	1810	100	8200	100	9390	100	6610	100	1770	100	100	100	1410	100	1400	100	730	100	2480	100	1050	100	790	100	2945	100
ES0001R	zinc	precip+dry_dep	-	-	67210	96	-	-	83220	97	-	-	20870	97	-	-	-	-	-	-	134690	97	-	-	-	-	77165	32
ES0007R	zinc	precip+dry_dep	-	-	46460	96	-	-	31880	97	-	-	53470	97	-	-	-	-	-	-	108860	97	-	-	-	-	60829	32
ES0008R	zinc	precip+dry_dep	-	-	106460	96	-	-	63850	97	-	-	24230	97	-	-	-	-	-	-	75480	97	-	-	-	-	66897	32
ES0012R	zinc	precip+dry_dep	-	-	16130	96	-	-	8730	97	-	-	9160	97	-	-	-	-	-	-	14370	97	-	-	-	-	12047	32
ES0014R	zinc	precip+dry_dep	-	-	1830	96	-	-	8850	97	-	-	4160	97	-	-	-	-	-	-	5370	97	-	-	-	-	5111	32
IT0019R	zinc	precip+dry_dep	191000	100	569000	100	378000	100	68000	100	25000	100	41000	100	167400	100	515200	100	29400	100	27500	100	46100	100	52900	100	174066	100

Appendix F

Monthly and annual mean values for heavy metals in air

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
			avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	Avg	Capture
CY0002R	aluminium	pm10	99	90	319	82	131	87	263	97	328	94	288	100	310	97	307	100	330	90	177	94	211	100	61	87	236	93
FI0018R	aluminium	pm10	57	100	61	100	79	100	120	100	516	97	630	100	487	100	480	100	71	100	66	100	214	100	89	100	240	100
FI0036R	aluminium	pm10	8	100	9	100	10	100	30	100	41	100	14	100	38	99	20	90	9	100	6	99	3	100	5	77	16	97
FI0050R	aluminium	pm10	16	99	39	99	25	100	68	96	165	100	82	100	95	100	46	100	36	100	34	100	24	100	13	90	54	99
IS0091R	aluminium	aerosol	409	98	195	94	45	36	236	100	183	100	38	100	39	99	101	55	28	59	308	95	134	92	146	43	170	81
IT0019R	aluminium	pm10	37	26	64	29	21	19	344	33	126	23	280	3	184	39	109	23	172	23	54	13	1023	7	46	19	157	21
DE0001R	antimony	pm10	0.369	100	0.420	100	0.311	100	0.311	53	0.283	100	0.189	100	0.171	100	0.213	100	0.203	100	0.421	100	0.481	100	0.260	100	0.301	96
DE0002R	antimony	pm10	0.407	100	0.564	100	0.431	100	0.516	100	0.403	100	0.305	100	0.223	100	0.316	100	0.471	100	0.641	100	0.767	100	0.371	100	0.450	100
DE0003R	antimony	pm10	0.061	100	0.186	100	0.156	100	0.255	77	0.303	100	0.396	100	0.345	100	0.258	100	0.334	100	0.325	100	0.114	100	0.067	100	0.233	98
DE0007R	antimony	pm10	0.407	100	0.532	100	0.435	100	0.450	100	0.299	100	0.216	100	0.156	100	0.245	100	0.314	100	0.686	100	0.767	100	0.312	100	0.400	100
DE0008R	antimony	pm10	0.148	100	0.388	100	0.333	100	0.349	100	0.348	100	0.328	100	0.255	100	0.299	100	0.328	100	0.383	100	0.273	100	0.139	100	0.297	100
DE0009R	antimony	pm10	0.402	100	0.412	100	0.479	100	0.337	100	0.229	90	0.143	63	0.181	100	0.238	100	0.272	100	0.577	100	0.618	100	0.268	100	0.353	96
IT0019R	antimony	pm10	0.120	26	0.063	29	0.123	19	0.184	33	0.073	23	0.110	3	0.145	39	0.141	23	0.136	23	0.190	13	0.020	7	0.097	19	0.125	21
BE0014R	arsenic	pm10	0.490	94	0.608	86	0.672	94	0.470	100	0.503	94	0.227	100	0.452	100	0.348	100	0.313	100	0.442	100	0.777	100	1.239	100	0.545	97
CY0002R	arsenic	pm10	0.307	90	0.366	82	0.444	87	0.421	97	0.463	94	0.293	100	0.406	97	0.514	100	0.515	90	0.569	94	0.499	100	0.288	87	0.426	93
CZ0003R	arsenic	pm10	0.678	49	1.189	50	0.744	51	0.285	50	0.507	49	0.630	50	0.334	51	0.579	49	1.038	47	0.937	51	0.856	47	0.405	49	0.675	49
CZ0003R	arsenic	pm25	0.658	49	0.951	46	0.697	51	0.227	50	0.457	49	0.564	50	0.307	51	0.534	49	0.885	50	0.905	51	0.744	50	0.393	49	0.606	50
CZ0005R	arsenic	pm10	0.125	49	0.778	50	0.342	51	0.156	50	0.218	49	0.232	50	0.221	51	0.190	49	0.188	50	0.287	48	0.281	50	0.104	49	0.257	50
DE0001R	arsenic	pm10	0.453	100	0.609	100	0.396	100	0.348	100	0.232	100	0.161	100	0.139	100	0.192	100	0.133	100	0.372	100	0.535	100	0.222	100	0.314	100
DE0002R	arsenic	pm10	0.611	100	0.964	100	0.687	100	0.442	100	0.346	100	0.312	100	0.229	100	0.263	100	0.261	100	0.639	100	0.979	100	0.282	100	0.498	100
DE0003R	arsenic	pm10	0.038	100	0.335	100	0.158	100	0.141	100	0.166	100	0.135	100	0.159	100	0.151	100	0.128	100	0.169	100	0.081	100	0.032	100	0.140	100
DE0007R	arsenic	pm10	0.836	100	1.154	100	0.778	100	0.449	100	0.275	100	0.209	100	0.130	100	0.456	100	0.234	100	0.934	100	0.975	100	0.465	100	0.571	100
DE0008R	arsenic	pm10	0.134	100	1.054	100	0.595	100	0.218	100	0.389	100	0.191	100	0.174	100	0.210	100	0.197	100	0.231	100	0.285	100	0.189	100	0.317	100
DE0009R	arsenic	pm10	0.532	100	0.881	100	0.581	100	0.422	100	0.195	100	0.135	100	0.138	100	0.258	100	0.172	100	0.644	100	0.769	100	0.458	100	0.429	100
DK0008R	arsenic	aerosol	0.257	75	0.124	13	0.425	100	0.344	100	0.203	100	0.229	100	0.165	100	0.208	100	0.179	100	0.420	100	0.517	100	0.324	91	0.296	90
DK0010G	arsenic	aerosol	0.069	97	0.042	100	0.019	100	0.042	100	0.018	100	0.051	100	0.035	100	-	-	0.011	39	0.035	100	0.035	91	0.054	87	0.039	84
DK0012R	arsenic	aerosol	0.422	100	0.634	100	0.606	100	0.373	97	0.264	87	0.242	100	0.162	100	0.214	100	0.201	100	0.552	94	0.628	100	0.350	94	0.386	98
EE0009R	arsenic	pm10	0.166	100	0.460	100	0.154	100	0.103	100	0.067	100	0.046	100	0.142	100	0.072	100	0.104	100	0.135	100	0.077	100	0.093	98	0.133	100
ES0001R	arsenic	pm10	0.062	16	0.102	18	0.064	16	0.176	17	0.172	16	0.228	17	0.234	16	0.290	16	0.231	16	0.212	17	0.078	17	0.122	16	0.164	16
ES0007R	arsenic	pm10	0.050	16	0.090	18	0.080	16	0.178	17	0.144	16	0.262	17	0.268	16	0.308	16	0.252	16	0.231	17	0.108	17	0.094	16	0.172	16
ES0008R	arsenic	pm10	0.068	16	0.138	18	0.076	16	0.210	17	0.132	16	0.168	17	0.134	16	0.190	16	0.235	16	0.241	17	0.320	17	0.200	16	0.176	16
ES0009R	arsenic	pm10	0.050	16	0.090	18	0.050	16	0.166	17	0.108	16	0.144	17	0.184	16	0.256	16	0.132	16	0.085	17	0.060	17	0.066	16	0.116	16
ES0014R	arsenic	pm10	0.086	16	0.208	18	0.076	16	0.218	17	0.180	16	0.162	17	0.194	16	0.140	18	0.221	17	0.232	17	0.142	17	0.282	16	0.178	17
FI0018R	arsenic	pm10	0.233	100	0.649	100	0.186	100	0.186	100	0.163	97	0.161	100	0.244	100	0.397	100	0.269	100	0.409	100	0.164	100	0.188	100	0.269	100
FI0036R	arsenic	pm10	0.218	100	0.153	100	0.155	100	0.103	100	0.108	100	0.025	100	0.141	99	0.055	90	0.051	100	0.048	99	0.038	100	0.083	77	0.099	97
FI0050R	arsenic	pm10	0.147	99	0.413	99	0.167	100	0.191	96	0.138	100	0.114	100	0.180	100	0.218	100	0.207	100	0.287	100	0.132	100	0.123	90	0.192	99
FR0008R	arsenic	pm10	-	-	0.326	6	0.285	100	0.185	100	0.178	58	0.193	100	0.234	100	0.197	100	0.187	100	0.240	100	0.090	18	-	-	0.213	65
FR0009R	arsenic	pm10	0.182	100	0.405	100	0.391	55	0.244	99	0.307	80	0.308	99	0.371	98	0.226	56	0.279	100	0.334	100	0.254	99	0.281	25	0.298	84
FR0013R	arsenic	pm10	0.088	95	0.407	80	0.400	100	0.196	100	0.178	97	0.168	100	0.220	100	0.195	100	0.219	100	0.238	55	0.315	100	0.215	56	0.234	90
FR0023R	arsenic	pm10	0.061	100	0.253	100	0.122	100	0.242	100	0.148	100	0.143	100	0.176	55	0.161	100	0.168	100	0.177	100	0.098	100	0.102	100	0.153	96
FR0024R	arsenic	pm10	0.152	100	0.310	100	0.236	100	0.301	100	0.352	100	0.290	100	0.347	100	0.227	100	0.381	100	0.433	100	0.348	100	0.215	100	0.299	100
FR0025R	arsenic	pm10	0.120	100	0.367	100	0.204	100	0.170	100	0.222	100	0.168	100	0.213	100	0.159	88	0.228	65	0.288	100	0.211	100	0.202	100	0.212	96
GB0013R	arsenic	pm10	0.370	100	0.571	100	0.361	100	0.495	100	0.570	100	0.658	100	0.417	100	0.251	100	0.324	100	0.561	100	0.589	100	0.759	100	0.493	100
GB0017R	arsenic	pm10	0.611	100	0.677	100	0.592	100	0.565	100	0.378	100	0.245	100	0.248	100	0.406	100	0.412	100	0.565	100	0.632	100	0.596	100	0.493	100
GB0048R	arsenic	pm10	0.162	100	0.187	100	0.182	100	0.161	100	0.237	100	0.250	100	0.173	100	0.112	100	0.122	100	0.249	100	0.336	100	0.252	100	0.202	100
GB1055R	arsenic	pm10	0.611	100	0.802	100	0.529	100	0.565	100	0.739	100	0.745	100	0.408	99	0.334	100	0.466	100	0.743	100	0.803	100	0.856	100	0.632	100
IS0091R	arsenic	aerosol	0.052	98	0.044	94	0.010	36	0.052	100	0.029	100	0.011	100	0.024	99	0.028	55	0.020	59	0.040	95	0.041	92	0.020	43	0.033	81
IT0019R	arsenic	pm10	0.093	26	0.148	29	0.113	19	0.212	33	0.061	23	0.130	3	0.168	39	0.206	23	0.109	23	0.145	13	0.130	7	0.070	19	0.138	21
LV0010R	arsenic	pm10	0.244	45	0.433	50	0.288	45	0.437	50	0.140	55	0.084	53	0.101	48	0.119	45	0.188	47	0.744	55	0.254	53	0.100	52	0.263	50
NL0008R	arsenic	pm10	0.456	51	0.537	50	0.582	49	0.472	50	0.542	51	0.267	47	0.235	49	0.311	51	0.343	50	0.468	49	0.802	50	0.523	51	0.462	50
NL0644R	arsenic	pm25	0.313	26	0.537	25	0.614	23	0.380	27	0.473	16	0.258	23	0.179	26	0.333	13	0.268	10	-	0	0.482	17	0.394	23	0.384	19
NO0002R	arsenic	pm10	0.075	100	0.197	100	0.160	100	0.253	100	0.183	100	0.148	100	0.142	100	0.161	100	0.188	100	0.221	100	0.214	100	0.090	81	0.170	98
NO0042G	arsenic	aerosol	0.071	13	0.019	21	0.043	26	0.062	29	0.007	11	0.006	20	0.007	18	0.006	27	0.004	23	0.009	32	0.050	23	0.026	19	0.026	22
NO0090R	arsenic	aerosol	0.044	32	0.062	25	0.056	26	0.067	26	0.045	30	0.016	27	0.051	31	0.015	27	0.038	27	0.015	32	0.025	27	0.039	19	0.039	27
PL0005R	arsenic	pm10	0.467	87	0.300	86	0.356	87	0.244	83	0.100	87	0.123	87	0.100	84	0.078	87	0.148	83	0.244	87	0.265	87	0.252	81	0.223	85
PL0009R	arsenic	pm10	0.856	87	0.813	86	0.844	87	0.420	83	0.256	87	0.139	87	0.123	84	0.337	87	0.396	83	0.611	87	0.673	87	0.680	81	0.512	85
SE0005R	arsenic	aerosol	0.216	81	0.190	100	0.092	84	0.058	93	0.074	100	0.027	83	0.042	48	0.036	87	0.043	93	0.056	100	0.045	100	0.027	100	0.075	89
SE0014R	arsenic	aerosol	0.261	100	0.397	100	0.370	81	0.317	97	0.220	100	0.220	80	0.153	97	0.190	84	0.130	47	0.476	100	0.440	83	0.240	87	0.291	88
SE0020R	arsenic	aerosol	0.280	77	0.383	100	0.374	100	0.869	100	0.221	97	0.230	80	0.156	52	0.200	84	0.170	47	0.408	100	0.200	83	0.140	48	0.330	81

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
SE0022R	arsenic	aerosol	0.181	100	0.185	100	0.120	84	0.140	93	0.133	100	0.067	83	0.130	94	0.120	87	0.110	90	0.233	100	0.200	97	0.150	90	0.150	93
SI0008R	arsenic	pm10	0.105	35	0.325	11	0.606	16	0.259	17	0.182	19	0.160	17	0.251	16	0.432	16	0.112	17	0.328	16	0.112	17	0.085	39	0.216	20
SK0002R	arsenic	aerosol	0.024	94	0.026	82	0.043	100	0.159	77	0.159	90	0.081	87	0.174	100	0.270	100	0.333	100	0.118	100	0.056	100	0.013	97	0.123	94
SK0004R	arsenic	pm10	0.201	90	0.440	100	0.274	100	0.198	100	0.137	100	0.199	100	0.191	100	0.332	100	0.249	100	0.147	100	0.216	100	0.129	100	0.225	99
SK0006R	arsenic	pm10	0.267	100	0.283	100	0.279	100	0.145	53	0.160	100	0.121	100	0.177	77	0.273	100	0.204	100	0.197	100	0.261	100	0.204	100	0.218	94
SK0007R	arsenic	pm10	-	0	0.827	96	0.672	100	0.253	100	0.117	100	0.099	100	0.226	100	0.255	77	0.223	100	0.398	100	0.498	100	0.568	100	0.374	89
IT0019R	barium	pm10	0.900	26	0.873	29	0.690	19	3.632	33	1.700	23	2.280	3	2.683	39	1.380	23	1.731	23	1.015	13	6.480	7	0.463	19	1.828	21
BE0014R	cadmium	pm10	0.159	94	0.167	86	0.169	94	0.157	100	0.083	94	0.027	100	0.071	100	0.058	100	0.067	100	0.087	100	0.380	100	0.655	100	0.174	97
CY0002R	cadmium	pm10	0.040	90	0.114	82	0.057	87	0.076	97	0.079	94	0.056	100	0.069	97	0.096	100	0.095	90	0.123	94	0.154	100	0.041	87	0.083	93
CZ0003R	cadmium	pm10	0.109	49	0.164	50	0.157	51	0.095	50	0.124	49	0.064	50	0.040	51	0.049	49	0.055	47	0.133	51	0.161	47	0.082	49	0.102	49
CZ0003R	cadmium	pm25	0.104	49	0.146	46	0.147	51	0.094	50	0.098	49	0.051	50	0.035	51	0.041	49	0.053	50	0.121	51	0.149	50	0.075	49	0.092	50
CZ0005R	cadmium	pm10	0.019	49	0.103	50	0.091	51	0.032	50	0.054	49	0.031	50	0.023	51	0.029	49	0.026	50	0.053	48	0.055	50	0.017	49	0.044	50
DE0001R	cadmium	pm10	0.094	100	0.098	100	0.092	100	0.100	100	0.043	100	0.027	100	0.023	100	0.030	100	0.025	100	0.069	100	0.099	100	0.045	100	0.062	100
DE0002R	cadmium	pm10	0.125	100	0.144	100	0.145	100	0.116	100	0.072	100	0.045	100	0.038	100	0.043	100	0.059	100	0.128	100	0.204	100	0.087	100	0.100	100
DE0003R	cadmium	pm10	0.009	100	0.056	100	0.030	100	0.026	100	0.035	100	0.023	100	0.029	100	0.027	100	0.032	100	0.041	100	0.022	100	0.010	100	0.028	100
DE0007R	cadmium	pm10	0.125	100	0.159	100	0.139	100	0.091	100	0.062	100	0.040	100	0.026	100	0.040	100	0.056	100	0.147	100	0.226	100	0.080	100	0.099	100
DE0008R	cadmium	pm10	0.030	100	0.105	100	0.096	100	0.051	100	0.071	100	0.038	100	0.029	100	0.034	100	0.045	100	0.062	100	0.062	100	0.041	100	0.055	100
DE0009R	cadmium	pm10	0.108	100	0.123	100	0.132	100	0.092	100	0.061	100	0.022	100	0.025	100	0.035	100	0.040	100	0.143	100	0.151	100	0.066	100	0.083	100
DK0008R	cadmium	aerosol	0.043	75	0.019	13	0.089	100	0.064	100	0.031	100	0.020	100	0.019	100	0.019	100	0.034	100	0.053	100	0.068	100	0.030	91	0.043	90
DK0010G	cadmium	aerosol	0.055	97	0.009	100	0.027	100	0.090	100	0.019	100	0.006	100	0.006	100	-	-	0.002	39	0.008	100	0.014	91	0.064	87	0.029	84
DK0012R	cadmium	aerosol	0.065	100	0.081	100	0.114	100	0.058	97	0.039	87	0.020	100	0.018	100	0.021	100	0.028	100	0.085	94	0.088	100	0.042	94	0.055	98
EE0009R	cadmium	pm10	0.086	100	0.134	100	0.057	100	0.043	100	0.021	100	0.015	100	0.041	100	0.023	100	0.037	100	0.068	100	0.038	100	0.079	98	0.053	100
ES0001R	cadmium	pm10	0.018	16	0.024	18	0.014	16	0.022	17	0.034	16	0.018	17	0.016	16	0.022	16	0.019	16	0.024	17	0.010	17	0.026	16	0.021	16
ES0007R	cadmium	pm10	0.018	16	0.024	18	0.022	16	0.026	17	0.030	16	0.034	17	0.038	16	0.028	16	0.030	16	0.022	17	0.058	17	0.044	16	0.031	16
ES0008R	cadmium	pm10	0.042	16	0.038	18	0.038	16	0.070	17	0.054	16	0.096	17	0.044	16	0.162	16	0.110	16	0.097	17	0.186	17	0.190	16	0.094	16
ES0009R	cadmium	pm10	0.010	16	0.018	18	0.010	16	0.018	17	0.030	16	0.010	17	0.026	16	0.022	16	0.016	16	0.011	17	0.012	17	0.012	16	0.016	16
ES0014R	cadmium	pm10	0.012	16	0.038	18	0.018	16	0.032	17	0.030	16	0.078	17	0.024	16	0.024	18	0.026	17	0.034	17	0.032	17	0.042	16	0.033	17
FI0018R	cadmium	pm10	0.093	100	0.182	100	0.084	100	0.075	100	0.042	97	0.022	100	0.045	100	0.034	100	0.051	100	0.082	100	0.056	100	0.131	100	0.074	100
FI0036R	cadmium	pm10	0.039	100	0.031	100	0.027	100	0.013	100	0.016	100	0.003	100	0.016	99	0.009	90	0.009	100	0.010	99	0.008	100	0.035	77	0.018	97
FI0050R	cadmium	pm10	0.062	99	0.106	99	0.051	100	0.051	96	0.034	100	0.014	100	0.030	100	0.028	100	0.038	100	0.056	100	0.033	100	0.069	90	0.047	99
FR0008R	cadmium	pm10	-	-	0.077	6	0.068	100	0.040	100	0.034	58	0.030	100	0.035	100	0.035	100	0.039	100	0.054	100	0.021	18	-	0	0.042	65
FR0009R	cadmium	pm10	0.034	100	0.106	100	0.092	55	0.073	99	0.093	80	0.126	99	0.106	98	0.072	56	0.095	100	0.105	100	0.067	64	0.132	15	0.090	80
FR0013R	cadmium	pm10	0.025	95	0.067	80	0.032	100	0.041	100	0.036	97	0.029	100	0.037	100	0.054	100	0.040	100	0.050	55	0.053	100	0.051	56	0.042	90
FR0023R	cadmium	pm10	0.016	100	0.050	100	0.025	100	0.036	100	0.030	100	0.025	100	0.035	55	0.030	100	0.042	81	0.044	73	0.022	100	0.032	100	0.032	92
FR0024R	cadmium	pm10	0.054	100	0.085	100	0.060	100	0.063	100	0.059	100	0.046	100	0.044	100	0.040	100	0.041	100	0.075	100	0.085	100	0.078	100	0.061	100
FR0025R	cadmium	pm10	0.035	100	0.087	100	0.107	100	0.045	100	0.046	100	0.029	100	0.034	100	0.023	88	0.041	65	0.058	100	0.060	100	0.074	100	0.054	96
GB0013R	cadmium	pm10	0.030	100	0.096	100	0.055	100	0.073	100	0.087	100	0.112	100	0.081	100	0.035	100	0.043	100	0.055	100	0.061	100	0.054	100	0.065	100
GB0017R	cadmium	pm10	0.088	100	0.158	100	0.127	100	0.127	100	0.061	100	0.042	100	0.048	100	0.074	100	0.073	100	0.154	100	0.147	100	0.094	100	0.099	100
GB0048R	cadmium	pm10	0.026	100	0.030	100	0.025	100	0.025	100	0.029	100	0.023	100	0.023	100	0.016	100	0.015	100	0.030	100	0.040	100	0.033	100	0.026	100
GB1055R	cadmium	pm10	0.079	100	0.134	100	0.081	100	0.094	100	0.107	100	0.099	100	0.083	99	0.064	100	0.069	100	0.107	100	0.127	100	0.100	100	0.095	100
HU0002R	cadmium	aerosol	0.216	88	0.243	86	0.208	86	0.109	87	0.108	84	0.102	87	0.098	87	0.098	84	0.138	87	0.270	85	0.248	86	0.242	87	0.173	86
IS0091R	cadmium	aerosol	0.003	98	0.009	94	0.002	36	0.008	100	0.005	100	0.003	100	0.003	99	0.004	55	0.002	59	0.005	95	0.007	92	0.003	43	0.005	81
IT0019R	cadmium	pm10	0.038	26	0.063	29	0.033	19	0.054	33	0.010	23	0.010	3	0.020	39	0.057	23	0.029	23	0.045	13	0.100	7	0.027	19	0.039	21
LV0010R	cadmium	pm10	0.103	45	0.084	50	0.073	45	0.101	50	0.070	55	0.029	53	0.049	48	0.025	45	0.055	47	0.135	55	0.065	53	0.025	52	0.068	50
NL0008R	cadmium	pm10	0.145	51	0.153	50	0.154	49	0.125	50	0.098	51	0.066	47	0.056	49	0.061	51	0.106	50	0.095	49	0.341	50	0.213	51	0.135	50
NL0644R	cadmium	pm25	0.095	26	0.160	25	0.140	23	0.111	27	0.102	16	0.070	23	0.046	26	0.038	13	0.047	10	-	0	0.182	17	0.133	23	0.105	19
NO0002R	cadmium	pm10	0.020	100	0.037	100	0.038	100	0.044	100	0.028	100	0.018	100	0.021	100	0.021	100	0.022	100	0.062	100	0.056	100	0.016	81	0.032	98
NO0042G	cadmium	aerosol	0.014	13	0.044	21	0.028	26	0.046	29	0.005	11	0.011	20	0.001	12	0.020	27	0.006	23	0.006	32	0.013	23	0.031	19	0.020	21
NO0090R	cadmium	aerosol	0.012	32	0.015	25	0.009	26	0.010	26	0.006	30	0.002	27	0.009	31	0.003	27	0.006	27	0.003	32	0.005	27	0.006	19	0.007	27
PL0005R	cadmium	pm10	0.158	87	0.158	86	0.133	87	0.121	83	0.051	87	0.022	87	0.033	84	0.040	87	0.095	83	0.188	87	0.158	87	0.099	81	0.104	85
PL0009R	cadmium	pm10	0.148	87	0.196	86	0.244	87	0.118	83	0.086	87	0.079	87	0.039	84	0.103	87	0.096	83	0.198	87	0.300	87	0.178	81	0.149	85
SE0005R	cadmium	aerosol	0.034	81	0.023	100	0.030	84	0.011	93	0.014	100	0.003	83	0.002	48	0.004	87	0.008	93	0.009	100	0.008	100	0.008	100	0.013	89
SE0014R	cadmium	aerosol	0.039	100	0.058	100	0.079	81	0.042	97	0.027	100	0.020	80	0.027	97	0.016	84	0.012	47	0.064	100	0.071	83	0.039	87	0.042	88
SE0020R	cadmium	aerosol	0.051	77	0.067	100	0.084	100	0.062	100	0.032	97	0.025	80	0.014	52	0.024	84	0.037	47	0.062	100	0.044	83	0.025	48	0.047	81
SE0022R	cadmium	aerosol	0.046	100	0.051	100	0.040	84	0.036	93	0.026	100	0.008	83	0.017	94	0.021	87	0.019	90	0.043	100	0.044	97	0.030	90	0.032	93
SI0008R	cadmium	pm10	0.029	35	0.120	11	0.151	16	0.045	17	0.069	19	0.030	17	0.038	16	0.056	16	0.057	17	0.130	16	0.054	17	0.095	39	0.070	20
SK0002R	cadmium	aerosol	0.012	100	0.499	100	0.845	100	0.106	77	0.078	90	0.054	87	0.067	100	0.112	100	0.147	100	0.079	100	0.051	100	0.009	97	0.174	96
SK0004R	cadmium	pm10	0.116	90	0.272	100	0.156	100	0.119	100	0.089	100	0.111	100	0.076	100	0.098	100	0.096	100	0.120	100	0.136	100	0.077	100	0.121	99
SK0006R	cadmium	pm10	0.133	100	0.173	100	0.135	100	0.100	53	0.087	100	0.064	100	0.062	77	0.101	100	0.067	100	0.111	100	0.164	100	0.075	100	0.107	94
SK0007R	cadmium	pm10	-	-	0.272	96	0.184	100	0.121	100	0.096	100	0.075	100	0.069	100	0.131	77	0.116	100	0.235	100	0.255	100	0.159	100	0.155	89

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
BE0014R	chromium	pm10	1.017	94	1.200	86	1.521	94	1.337	100	1.538	94	0.353	100	0.745	100	0.513	100	1.093	100	1.516	100	1.940	100	1.600	100	1.195	97
CY0002R	chromium	pm10	0.543	90	1.284	82	2.736	87	1.093	97	2.315	94	0.734	100	0.875	97	0.871	100	1.378	90	3.574	94	1.636	100	0.430	87	1.454	93
CZ0003R	chromium	pm10	0.746	49	0.709	50	0.997	51	0.974	50	1.179	49	3.282	50	0.270	51	0.569	49	0.565	47	0.462	51	0.265	47	0.214	49	0.854	49
CZ0003R	chromium	pm25	1.099	49	0.703	46	0.340	51	0.465	50	0.563	49	0.842	50	0.183	51	0.665	49	0.579	50	0.297	51	0.154	50	0.262	49	0.508	50
CZ0005R	chromium	pm10	0.317	49	0.306	50	0.265	51	0.434	50	0.243	49	0.875	50	0.493	51	0.684	49	0.267	50	0.510	48	0.142	50	0.130	49	0.389	50
ES0001R	chromium	pm10	0.574	16	0.646	18	0.710	16	0.928	17	0.512	16	0.802	17	0.610	16	1.118	16	0.718	16	0.767	17	0.316	17	0.482	16	0.682	16
ES0007R	chromium	pm10	0.550	16	0.528	18	0.708	16	0.956	17	0.380	16	1.150	17	0.758	16	1.086	16	1.041	16	1.062	17	0.696	17	0.524	16	0.787	16
ES0008R	chromium	pm10	0.572	16	0.548	18	0.554	16	0.442	17	0.500	16	0.774	17	0.496	16	0.532	16	0.417	16	1.133	17	0.528	17	0.588	16	0.594	16
ES0009R	chromium	pm10	0.660	16	0.720	18	3.118	16	1.040	17	0.560	16	0.630	17	0.366	16	1.146	16	0.479	16	0.413	17	0.368	17	0.598	16	0.841	16
ES0014R	chromium	pm10	0.700	16	0.780	18	0.670	16	0.972	17	0.296	16	0.466	17	0.820	16	0.706	18	0.400	17	0.591	17	0.594	17	0.666	16	0.639	17
FI0018R	chromium	pm10	0.247	100	0.699	100	0.355	100	0.250	100	0.495	97	0.325	100	0.452	100	0.315	100	0.299	100	0.281	100	0.508	100	0.470	100	0.389	100
FI0036R	chromium	pm10	0.556	100	0.236	100	0.147	100	0.239	100	0.153	100	0.140	100	0.311	99	0.171	90	0.115	100	0.052	99	0.127	100	0.159	77	0.202	97
FI0050R	chromium	pm10	0.174	99	0.531	99	0.285	100	0.256	96	0.449	100	0.171	100	0.343	100	0.232	100	0.046	100	0.202	100	0.134	100	0.161	90	0.248	99
GB0013R	chromium	pm10	0.500	100	0.338	100	0.549	100	0.415	100	1.157	100	1.816	100	1.700	100	1.239	100	0.990	100	0.402	100	0.323	100	0.334	100	0.817	100
GB0017R	chromium	pm10	0.807	100	0.815	100	0.800	100	0.906	100	1.288	100	1.219	100	1.300	100	1.262	100	1.246	100	0.922	100	0.788	100	0.479	100	0.987	100
GB0048R	chromium	pm10	0.290	100	0.122	100	0.419	100	0.233	100	0.934	100	2.006	100	1.257	100	1.320	100	1.722	100	0.982	100	0.579	100	0.673	100	0.881	100
GB1055R	chromium	pm10	0.500	100	0.422	100	0.640	100	1.503	100	1.984	100	1.975	100	1.758	99	1.443	100	1.100	100	1.005	100	0.733	100	0.536	100	1.136	100
IS0091R	chromium	aerosol	0.968	98	1.013	94	0.120	36	0.261	100	0.235	100	0.123	100	0.107	99	0.156	55	0.090	59	0.411	95	0.298	92	0.270	43	0.365	81
IT0019R	chromium	pm10	1.995	26	1.148	29	1.487	19	1.646	33	0.706	23	0.500	3	0.862	39	0.976	23	0.833	23	1.230	13	1.460	7	1.117	19	1.199	21
NO0002R	chromium	pm10	0.417	100	0.428	100	0.481	100	0.369	100	0.323	100	0.286	100	0.289	100	0.217	100	0.292	100	0.378	100	0.169	100	0.169	81	0.320	98
NO0042G	chromium	aerosol	0.134	13	0.450	21	0.263	26	0.272	29	0.036	11	0.074	20	0.049	18	0.048	27	0.071	23	0.085	32	0.163	23	0.225	19	0.160	22
NO0090R	chromium	aerosol	0.749	32	0.169	25	0.149	26	0.169	26	0.191	30	0.214	27	0.133	31	0.045	27	0.120	27	0.047	32	0.093	27	0.061	19	0.189	27
PL0005R	chromium	pm10	0.338	87	0.491	86	0.443	87	0.497	83	0.283	87	0.461	87	0.369	84	0.303	87	0.515	83	0.602	87	0.443	87	0.732	81	0.454	85
SE0005R	chromium	aerosol	0.278	81	0.220	100	0.325	84	0.310	93	0.338	100	0.230	83	0.239	48	0.230	87	0.220	93	0.243	100	0.150	100	0.186	100	0.247	89
SE0014R	chromium	aerosol	0.335	100	0.497	100	0.640	81	0.488	97	0.693	100	0.580	80	0.685	97	0.330	84	0.470	47	0.643	100	0.580	83	0.450	87	0.536	88
SE0020R	chromium	aerosol	0.450	77	0.613	100	0.605	100	0.848	100	0.768	97	0.840	80	0.670	52	0.530	84	0.380	47	0.756	100	0.530	83	0.400	48	0.639	81
SE0022R	chromium	aerosol	1.734	100	0.761	100	0.640	84	0.610	93	0.701	100	0.560	83	0.549	94	0.510	87	0.600	90	0.959	100	0.980	97	0.690	90	0.788	93
SI0008R	chromium	pm10	0.581	35	0.453	11	0.736	16	1.146	17	0.679	19	1.040	17	2.431	16	2.088	16	0.764	17	0.830	16	2.312	17	2.329	39	1.340	20
SK0002R	chromium	aerosol	0.103	100	1.128	100	1.425	100	0.732	77	0.810	90	0.457	87	0.598	100	0.675	100	0.092	100	0.005	100	0.005	100	0.005	97	0.494	96
SK0004R	chromium	pm10	0.237	90	0.650	100	0.813	100	1.015	100	0.677	100	0.679	100	0.332	100	0.558	100	0.088	100	0.005	100	0.023	100	0.047	100	0.427	99
SK0006R	chromium	pm10	0.364	100	0.468	100	0.701	100	0.870	53	0.836	100	0.776	100	0.445	77	0.569	100	0.129	100	0.035	100	0.005	100	0.005	100	0.415	94
SK0007R	chromium	pm10	-	-	0.674	96	1.054	100	0.943	100	0.818	100	0.631	100	0.455	100	0.712	77	0.048	100	0.116	100	0.005	100	0.538	100	0.541	89
CZ0003R	cobalt	pm10	0.022	49	0.065	50	0.042	51	0.100	50	0.081	49	0.061	50	0.051	51	0.067	49	0.047	47	0.081	51	0.042	47	0.019	49	0.056	49
CZ0003R	cobalt	pm25	0.015	49	0.033	46	0.025	51	0.042	50	0.030	49	0.021	50	0.017	51	0.025	49	0.017	50	0.025	51	0.022	50	0.012	49	0.024	50
CZ0005R	cobalt	pm10	0.012	49	0.032	50	0.026	51	0.064	50	0.049	49	0.035	50	0.030	51	0.036	49	0.023	50	0.037	48	0.022	50	0.010	49	0.031	50
DE0001R	cobalt	pm10	0.039	100	0.050	100	0.047	100	0.084	100	0.061	100	0.045	100	0.063	100	0.055	100	0.031	100	0.045	100	0.040	100	0.031	100	0.049	100
DE0003R	cobalt	pm10	0.031	100	0.013	100	0.012	100	0.083	100	0.043	100	0.040	100	0.047	100	0.038	100	0.039	100	0.036	100	0.007	100	0.006	100	0.033	100
DE0007R	cobalt	pm10	0.049	100	0.059	100	0.052	100	0.062	100	0.055	100	0.041	100	0.037	100	0.057	100	0.042	100	0.062	100	0.053	100	0.023	100	0.049	100
DE0008R	cobalt	pm10	0.016	100	0.042	100	0.031	100	0.071	100	0.060	100	0.044	100	0.044	100	0.051	100	0.044	100	0.047	100	0.020	100	0.012	100	0.040	100
DE0009R	cobalt	pm10	0.042	100	0.058	100	0.065	100	0.065	100	0.093	100	0.050	100	0.047	100	0.056	100	0.042	100	0.062	100	0.047	100	0.031	100	0.055	100
FI0018R	cobalt	pm10	0.025	100	0.047	100	0.041	100	0.061	100	0.090	97	0.089	100	0.074	100	0.066	100	0.023	100	0.035	100	0.041	100	0.027	100	0.052	100
FI0036R	cobalt	pm10	0.014	100	0.033	100	0.021	100	0.025	100	0.023	100	0.007	100	0.027	99	0.009	90	0.006	100	0.004	99	0.003	100	0.009	77	0.015	97
FI0050R	cobalt	pm10	0.039	99	0.076	99	0.042	100	0.040	96	0.066	100	0.049	100	0.039	100	0.024	100	0.014	100	0.020	100	0.015	100	0.012	90	0.036	99
GB0048R	cobalt	pm10	0.013	100	0.577	100	0.163	100	0.022	100	0.041	100	0.045	100	0.049	100	0.014	100	0.013	100	0.017	100	0.016	100	0.021	100	0.079	100
GB1055R	cobalt	pm10	0.032	100	0.054	100	0.040	100	0.063	100	0.065	100	0.074	100	0.082	99	0.066	100	0.045	100	0.034	100	0.033	100	0.035	100	0.052	100
IS0091R	cobalt	aerosol	0.266	98	0.109	94	0.030	36	0.179	100	0.130	100	0.023	100	0.025	99	0.061	55	0.020	59	0.196	95	0.082	92	0.080	43	0.111	81
IT0019R	cobalt	pm10	0.028	26	0.045	29	0.030	19	0.134	33	0.081	23	0.070	3	0.057	39	0.037	23	0.049	23	0.035	13	0.270	7	0.030	19	0.063	21
NO0002R	cobalt	pm10	0.009	100	0.057	100	0.021	100	0.035	100	0.049	100	0.036	100	0.037	100	0.019	100	0.012	100	0.019	100	0.009	100	0.007	81	0.026	98
NO0042G	cobalt	aerosol	0.014	13	0.016	21	0.008	26	0.014	29	0.002	11	0.002	20	0.003	18	0.003	27	0.008	23	0.021	32	0.019	23	0.023	19	0.012	22
NO0090R	cobalt	aerosol	0.026	32	0.020	25	0.013	26	0.030	26	0.024	30	0.024	27	0.020	31	0.004	27	0.010	27	0.005	32	0.004	27	0.006	19	0.016	27
SE0005R	cobalt	aerosol	0.021	81	0.040	100	0.032	84	0.020	93	0.019	100	0.010	83	0.009	48	0.000	87	0.000	93	0.009	100	0.000	100	0.000	100	0.013	89
SE0014R	cobalt	aerosol	0.021	100	0.031	100	0.040	81	0.041	97	0.057	100	0.040	80	0.039	97	0.020	84	0.020	47	0.039	100	0.030	83	0.020	87	0.034	88
SE0020R	cobalt	aerosol	0.030	77	0.039	100	0.031	100	0.059	100	0.062	97	0.080	80	0.040	52	0.040	84	0.020	47	0.048	100	0.030	83	0.010	48	0.043	81
SE0022R	cobalt	aerosol	0.031	100	0.040	100	0.040	84	0.040	93	0.065	100	0.030	83	0.039	94	0.020	87	0.020	90	0.030	100	0.030	97	0.010	90	0.033	93
BE0014R	copper	pm10	3.148	94	4.175	86	3.924	94	3.940	100	4.579	94	2.807	100	3.258	100	2.258	100	2.933	100	4.919	100	6.510	100	8.439	100	4.250	97
CY0002R	copper	pm10	1.723	90	2.602	82	2.362	87	2.382	97	2.048	94	1.949	100	1.733	97	1.807	100	2.296	90	3.616	94	1.857	100	1.253	87	2.127	93
CZ0003R	copper	pm10	1.097	49	1.626	50	1.504	51	1.604	50	1.925	49	2.766	50	1.384	51	1.250	49	1.527	47	1.893	51	2.089	47	0.662	49	1.606	49
CZ0003R	copper	pm25	0.881	49	0.913	46	1.136	51	0.988	50	1.053	49	0.786	50	0.481	51	0.470	49	0.711	50	0.914	51	0.764	50	0.282	49	0.780	50
CZ0005R	copper	pm10	0.484	49	1.068	50	0.931	51	1.355	50	1.025	49	1.113	50	1.087	51	2.892	49	0.937	50	0.889	48	0.556	50	0.208	49	1.046	50
DE0001R	copper	pm10	2.731	100	3.941	100	1.699	100	2.398	100	2.006	100	1.241	100	1.490	100	1.875	100	1.284	100	2.698	100	2.650	100	1.633	100	2.125	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
DE0002R	copper	pm10	2.212	100	2.576	100	2.702	100	2.889	100	1.672	100	1.610	100	1.436	100	1.942	100	2.162	100	2.872	100	3.113	100	2.017	100	2.262	100
DE0003R	copper	pm10	0.560	100	0.940	100	1.036	100	2.017	100	2.106	100	2.287	100	2.467	100	1.785	100	1.947	100	1.805	100	0.739	100	0.596	100	1.526	100
DE0007R	copper	pm10	2.152	100	2.422	100	2.993	100	1.741	100	1.100	100	1.141	100	0.918	100	1.459	100	1.661	100	2.555	100	2.695	100	1.527	100	1.860	100
DE0008R	copper	pm10	0.661	100	1.642	100	1.490	100	2.317	100	2.331	100	2.111	100	2.257	100	2.300	100	2.264	100	2.232	100	1.259	100	4.764	100	2.141	100
DE0009R	copper	pm10	2.036	97	2.029	100	1.690	100	2.621	100	1.901	100	0.929	100	0.964	100	1.508	100	1.265	100	2.517	100	2.243	100	1.111	100	1.731	100
ES0009R	copper	pm10	1.412	16	2.190	18	0.886	16	1.968	17	3.350 10.99	16	2.044	17	2.936	16	2.912	16	1.611	16	1.705	17	1.464	17	2.940	16	2.119	16
ES0014R	copper	pm10	4.348	16	6.618	18	4.514	16	3.814	17	4	16	3.530	17	4.544	16	3.190	18	3.579	17	4.268	17	4.476	17	7.144	16	5.059	17
FI0018R	copper	pm10	0.920	100	1.792	100	0.919	100	1.080	100	1.203	97	0.747	100	0.950	100	0.905	100	0.873	100	1.075	100	1.046	100	1.248	100	1.058	100
FI0036R	copper	pm10	0.655	100	0.615	100	0.573	100	0.377	100	0.421	100	0.094	100	0.597	99	0.158	90	0.245	100	0.119	99	0.084	100	0.320	77	0.357	97
FI0050R	copper	pm10	0.486	99	1.107	99	0.566	100	0.595	96	0.686	100	0.478	100	0.615	100	0.518	100	0.555	100	0.624	100	0.381	100	0.490	90	0.589	99
GB0013R	copper	pm10	0.687	100	1.439	100	0.896	100	1.250	100	1.945	100	2.182	100	1.938	100	0.867	100	0.934	100	1.366	100	1.563	100	1.219	100	1.355	100
GB0017R	copper	pm10	1.829	100	1.992	100	1.898	100	2.742	100	1.565	100	0.952	100	1.460	100	2.328	100	1.798	100	2.707	100	2.763	100	1.842	100	1.989	100
GB0048R	copper	pm10	0.528	100	0.803	100	0.846	100	0.644	100	0.995	100	1.375	100	1.743	100	0.608	100	0.706	100	0.768	100	0.777	100	0.648	100	0.871	100
GB1055R	copper	pm10	1.653	100	2.840	100	1.857	100	2.636	100	3.252	100	3.573	100	3.724	99	2.087	100	2.795	100	2.909	100	3.440	100	2.562	100	2.772	100
IS0091R	copper	aerosol	0.904	98	0.494	94	0.140	36	0.543	100	0.377	100	0.460	100	0.244	99	0.285	55	0.170	59	0.597	95	0.484	92	1.370	43	0.503	81
IT0019R	copper	pm10	2.555	26	3.725	29	3.320	19	3.592	33	2.067	23	2.030	3	1.735	39	0.500	23	0.500	23	1.310	13	2.330	7	0.500	19	2.094	21
NO0002R	copper	pm10	0.198	100	0.504	100	0.426	100	0.617	100	0.742	100	0.478	100	0.723	100	0.364	100	0.354	100	0.655	100	0.489	100	0.148	81	0.480	98
NO0042G	copper	aerosol	1.127	13	2.580	21	0.701	26	1.732	29	0.175	11	0.172	20	0.796	18	0.093	27	0.080	23	0.180	32	0.267	23	0.464	19	0.683	22
NO0090R	copper	aerosol	0.248	32	0.173	25	0.214	26	0.193	26	0.159	30	0.123	27	0.213	31	0.078	27	0.142	27	0.058	32	0.415	27	0.359	19	0.193	27
PL0005R	copper	pm10	1.406	87	1.285	86	0.626	87	4.115	63	0.459	87	0.760	87	3.370	84	1.079	87	0.531	83	1.899	87	0.889	87	1.304	81	1.415	84
SE0005R	copper	aerosol	0.273	81	0.350	100	0.399	84	0.220	93	0.259	100	0.065	83	0.145	48	0.290	87	0.190	93	0.244	100	0.050	100	0.064	100	0.213	89
SE0014R	copper	aerosol	1.052	100	3.857	100	1.000	81	1.007	97	1.157	100	0.870	80	0.997	97	1.100	84	0.740	47	1.490	100	1.400	83	0.740	87	1.314	88
SE0020R	copper	aerosol	1.000	77	1.257	100	1.300	100	1.857	100	1.200	97	1.200	80	0.955	52	1.200	84	1.400	47	1.832	100	1.200	83	0.790	48	1.309	81
SE0022R	copper	aerosol	0.809	100	0.778	100	0.620	84	0.700	93	0.898	100	0.500	83	0.687	94	0.590	87	0.570	90	0.920	100	0.820	97	0.660	90	0.720	93
SI0008R	copper	pm10	1.197	35	0.992	11	1.625	16	1.238	17	1.027	19	1.080	17	1.773	16	3.108	16	1.382	17	2.943	16	1.631	17	1.069	39	1.514	20
SK0002R	copper	aerosol	0.212	100	0.302	100	0.652	100	0.595	77	0.659	90	0.430	87	0.788	100	1.522	100	1.693	100	0.762	100	0.160	100	0.050	97	0.660	96
SK0004R	copper	pm10	1.915	90	2.396	100	1.600	100	1.176	100	0.780	100	1.966	100	0.831	100	1.272	100	1.328	100	1.063	100	1.430	100	1.638	100	1.438	99
SK0006R	copper	pm10	1.379	100	1.404	100	1.079	100	0.843	53	1.456	100	0.696	100	0.681	77	0.899	100	0.786	100	1.369	100	1.018	100	0.979	100	1.064	94
SK0007R	copper	pm10	-	-	2.241	96	2.202	100	2.229	100	1.551	100	1.502	100	1.394	100	1.606	77	2.009	100	2.715	100	2.786	100	2.150	100	2.040	89
CY0002R	iron	pm10	79	90	245	82	150	87	299	97	278	94	270	100	366	97	307	100	315	90	249	94	201	100	57	87	237	93
CZ0003R	iron	pm10	41	49	91	50	77	51	248	50	215	49	147	50	122	51	183	49	125	47	207	51	89	47	38	49	133	49
CZ0003R	iron	pm25	18	49	23	46	25	51	71	50	68	49	53	50	43	51	67	49	42	50	61	51	36	50	14	49	44	50
CZ0005R	iron	pm10	17	49	36	50	40	51	169	50	129	49	91	50	82	51	103	49	65	50	95	48	43	50	23	49	75	50
DE0001R	iron	pm10	66	100	99	100	66	100	116	100	146	100	89	100	122	100	99	100	54	100	107	100	83	100	56	100	92	100
DE0002R	iron	pm10	64	100	83	100	72	100	151	100	155	100	116	100	109	100	143	100	151	100	142	100	101	100	70	100	113	100
DE0003R	iron	pm10	65	100	23	100	30	100	185	100	119	100	119	100	120	100	108	100	90	100	94	100	23	100	8	100	82	100
DE0007R	iron	pm10	48	100	68	100	64	100	114	100	117	100	94	100	89	100	126	100	120	100	136	100	84	100	46	100	92	100
DE0008R	iron	pm10	16	100	47	100	47	100	166	100	133	100	112	100	118	100	128	100	110	100	113	100	41	100	16	100	87	100
DE0009R	iron	pm10	47	100	58	100	59	100	85	100	173	100	77	100	71	100	95	100	88	100	141	100	72	100	33	100	83	100
FI0018R	iron	pm10	57	100	71	100	78	100	104	100	438	97	554	100	415	100	396	100	64	100	64	100	170	100	91	100	209	100
FI0036R	iron	pm10	10	100	10	100	16	100	24	100	35	100	14	100	34	99	17	90	10	100	8	99	5	100	12	77	16	97
FI0050R	iron	pm10	21	99	41	99	29	100	56	96	131	100	66	100	77	100	47	100	32	100	34	100	24	100	19	90	49	99
GB0048R	iron	pm10	15	100	29	100	32	100	40	100	89	100	95	100	103	100	31	100	28	100	28	100	24	100	40	100	46	100
GB1055R	iron	pm10	51	100	109	100	77	100	126	100	162	100	180	100	189	99	91	100	104	100	92	100	91	100	97	100	114	100
IS0002R	iron	aerosol	18	97	9	100	76	100	128	100	83	97	164	100	163	97	193	97	128	97	65	94	119	95	890	6	110	90
IS0091R	iron	aerosol	597	98	257	94	55	36	359	100	261	100	45	100	46	99	128	55	31	59	429	95	183	92	174	43	237	81
IT0019R	iron	pm10	56	26	69	29	44	19	294	33	109	23	231	3	189	39	98	23	118	23	72	13	553	7	47	19	137	21
IT0019R	lanthanum	pm10	0.110	26	0.095	29	0.093	19	0.242	33	0.064	23	0.170	3	0.158	39	0.090	23	0.133	23	0.065	13	0.580	7	0.040	19	0.133	21
BE0014R	lead	pm10	5.110	94	6.558	86	6.421	94	4.260	100	3.393	94	1.753	100	2.968	100	2.471	100	2.253	100	3.726	100	8.913	100	16.37 7	100	5.345	97
CY0002R	lead	pm10	0.003	90	0.018	82	0.005	87	0.004	97	0.006	94	0.002	100	0.002	97	0.003	100	0.004	90	0.008	94	0.016	100	0.006	87	0.006	93
CZ0003R	lead	pm10	3.316	49	5.586	50	5.164	51	2.894	50	3.809	49	2.072	50	1.715	51	1.966	49	2.319	47	4.819	51	4.699	47	2.247	49	3.374	49
CZ0003R	lead	pm25	3.093	49	4.701	46	4.717	51	2.607	50	3.206	49	1.671	50	1.449	51	1.580	49	2.097	50	4.106	51	4.424	50	1.980	49	2.953	50
CZ0005R	lead	pm10	0.680	49	3.356	50	2.957	51	1.251	50	2.050	49	1.210	50	1.032	51	1.271	49	0.998	50	1.932	48	1.652	50	0.525	49	1.567	50
DE0001R	lead	pm10	2.777	100	3.534	100	2.801	100	2.625	100	1.419	100	0.821	100	0.873	100	1.068	100	1.002	100	2.676	100	3.305	100	1.555	100	2.027	100
DE0002R	lead	pm10	4.673	100	5.930	100	5.172	100	4.875	100	2.567	100	1.815	100	1.190	100	1.618	100	2.018	100	4.486	100	6.866	100	2.792	100	3.646	100
DE0003R	lead	pm10	0.424	100	1.946	100	1.290	100	1.315	100	1.501	100	1.326	100	1.406	100	1.247	100	1.376	100	1.640	100	0.735	100	0.350	100	1.207	100
DE0007R	lead	pm10	5.010	100	6.447	100	4.957	100	3.131	100	1.905	100	1.344	100	0.885	100	1.839	100	1.749	100	5.017	100	6.566	100	2.467	100	3.421	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
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DE0008R	lead	pm10	1.043	100	4.432	100	3.522	100	2.073	100	2.640	100	1.529	100	1.452	100	1.528	100	1.709	100	2.365	100	2.138	100	1.205	100	2.121	100
DE0009R	lead	pm10	3.721	100	4.570	100	4.311	100	2.749	100	1.448	100	0.892	100	0.969	100	1.446	100	1.372	100	4.880	100	4.790	100	2.116	100	2.761	100
DK0008R	lead	aerosol	1.336	75	0.405	13	2.196	100	1.498	100	1.119	100	0.780	100	0.891	100	0.734	100	0.805	100	2.249	100	2.343	100	1.125	91	1.363	90
DK0010G	lead	aerosol	0.386	97	0.211	100	0.122	100	0.346	100	0.039	100	0.001	100	0.005	100	-	-	0.014	39	0.083	100	0.100	91	0.406	87	0.160	84
DK0012R	lead	aerosol	2.065	100	2.740	100	3.396	100	1.744	97	1.238	87	0.718	100	0.795	100	0.883	100	1.137	100	3.081	94	2.593	100	1.249	94	1.801	98
EE0009R	lead	pm10	2.073	100	4.585	100	1.870	100	1.272	100	0.772	100	0.609	100	1.054	100	0.786	100	1.355	100	2.118	100	1.032	100	2.925	98	1.685	100
ES0001R	lead	pm10	0.568	16	0.912	18	0.328	16	0.920	17	1.360	16	1.108	17	0.870	16	1.216	16	1.096	16	0.943	17	0.576	17	9.112	16	1.583	16
ES0007R	lead	pm10	0.522	16	0.910	18	0.564	16	1.188	17	0.982	16	1.486	17	2.594	16	1.570	16	1.417	16	1.158	17	1.298	17	1.368	16	1.254	16
ES0008R	lead	pm10	1.234	16	1.468	18	1.158	16	1.736	17	1.672	16	5.334	17	1.138	16	3.164	16	2.529	16	2.066	17	5.766	17	2.508	16	2.479	16
ES0009R	lead	pm10	0.484	16	0.960	18	0.202	16	0.818	17	1.182	16	0.696	17	0.902	16	1.046	16	0.661	16	0.563	17	0.476	17	0.400	16	0.699	16
ES0014R	lead	pm10	0.700	16	1.170	18	0.652	16	1.180	17	1.486	16	1.626	17	1.472	16	0.799	18	0.924	17	1.488	17	0.802	17	1.238	16	1.126	17
FI0018R	lead	pm10	2.349	100	5.423	100	2.395	100	1.937	100	1.893	97	1.327	100	1.896	100	1.414	100	1.503	100	2.888	100	1.973	100	4.981	100	2.485	100
FI0036R	lead	pm10	1.211	100	1.293	100	0.701	100	0.380	100	0.604	100	0.083	100	0.396	99	0.337	90	0.376	100	0.335	99	0.360	100	1.855	77	0.639	97
FI0050R	lead	pm10	1.504	99	3.228	99	1.470	100	1.111	96	0.890	100	0.329	100	0.877	100	0.682	100	0.942	100	1.804	100	0.959	100	2.262	90	1.319	99
FR0008R	lead	pm10	-	-	2.951	6	2.677	100	2.229	100	1.816	58	2.105	100	2.044	100	1.717	100	2.002	100	2.300	100	0.982	18	-	0	2.107	65
FR0009R	lead	pm10	2.052	100	3.659	100	3.594	55	3.106	99	3.556	80	3.956	99	5.442	98	2.754	56	3.919	100	3.817	100	3.308	99	3.764	25	3.595	84
FR0013R	lead	pm10	0.782	95	2.570	80	1.488	100	1.428	100	1.479	97	1.591	100	1.591	100	1.541	100	1.591	100	1.832	55	1.864	100	1.822	56	1.596	90
FR0023R	lead	pm10	0.606	100	1.619	100	0.978	100	1.618	100	1.343	100	1.359	100	1.517	55	1.175	100	1.544	100	1.830	100	0.674	100	1.328	100	1.288	96
FR0024R	lead	pm10	1.104	100	1.933	100	1.882	100	1.664	100	1.790	100	1.982	100	1.506	100	1.184	100	1.688	100	2.991	100	2.286	100	1.876	100	1.822	100
FR0025R	lead	pm10	0.995	100	2.527	100	1.583	100	1.345	100	1.633	100	1.176	100	1.320	100	1.090	88	1.687	65	2.638	100	1.949	100	1.770	100	1.641	96
GB0013R	lead	pm10	1.288	100	3.231	100	2.240	100	2.311	100	3.303	100	3.053	100	2.258	100	1.044	100	1.672	100	2.358	100	2.542	100	2.096	100	2.274	100
GB0017R	lead	pm10	3.785	100	5.453	100	4.314	100	4.672	100	2.238	100	1.344	100	1.698	100	2.630	100	2.878	100	9.779	100	8.156	100	3.342	100	4.180	100
GB0048R	lead	pm10	0.899	100	1.166	100	0.893	100	0.926	100	1.159	100	1.087	100	0.892	100	0.556	100	0.606	100	1.153	100	1.496	100	1.559	100	1.032	100
GB1055R	lead	pm10	3.097	100	5.110	100	2.932	100	3.489	100	3.699	100	4.501	100	2.832	99	1.806	100	2.489	100	3.765	100	4.981	100	4.343	100	3.572	100
					13.75																11.21							
HU0002R	lead	aerosol	8.085	88	2	86	6.364	86	5.808	87	9.571	84	5.283	87	5.015	87	5.232	84	6.287	87	5	85	6.404	86	7.245	87	7.477	86
IS0091R	lead	aerosol	0.145	98	0.267	94	0.030	36	0.165	100	0.087	100	0.041	100	0.061	99	0.038	55	0.030	59	0.100	95	0.205	92	0.080	43	0.113	81
IT0019R	lead	pm10	1.513	26	2.358	29	1.077	19	2.518	33	0.869	23	1.260	3	1.847	39	1.837	23	0.989	23	1.825	13	1.380	7	1.233	19	1.658	21
LV0010R	lead	pm10	1.355	45	2.861	50	0.903	45	0.828	50	1.259	55	1.800	53	2.066	48	1.301	45	0.866	47	0.995	55	0.348	53	0.502	52	1.243	50
NL0008R	lead	pm10	4.563	51	5.923	50	6.390	49	4.588	50	4.097	51	2.395	47	2.445	49	2.367	51	3.296	50	4.272	49	8.551	50	5.676	51	4.543	50
NL0644R	lead	pm25	3.254	26	6.233	25	4.694	23	4.021	27	5.488	16	2.797	23	2.810	26	2.311	13	1.721	10	-	0	7.104	17	4.646	23	4.153	19
NO0002R	lead	pm10	0.503	100	1.109	100	0.992	100	0.901	100	0.845	100	0.508	100	0.657	100	0.470	100	0.488	100	1.196	100	0.885	100	0.390	81	0.749	98
NO0042G	lead	aerosol	0.451	13	0.117	21	0.207	26	0.291	29	0.027	11	0.014	20	0.050	18	0.013	27	0.033	23	0.041	32	0.256	23	0.220	19	0.138	22
NO0090R	lead	aerosol	0.365	32	0.610	25	0.205	26	0.289	26	0.208	30	0.060	27	0.392	31	0.080	27	0.177	27	0.068	32	0.158	27	0.151	19	0.229	27
PL0005R	lead	pm10	4.489	87	4.075	86	3.067	87	2.652	83	1.544	87	0.577	87	0.846	84	0.937	87	2.164	83	4.989	87	3.673	87	2.264	81	2.606	85
PL0009R	lead	pm10	5.078	87	5.663	86	7.022	87	3.696	83	2.044	87	1.131	87	1.039	84	1.813	48	2.416	83	5.722	87	7.115	87	5.332	81	4.090	82
SE0005R	lead	aerosol	0.798	81	0.830	100	0.911	84	0.270	93	0.381	100	0.110	83	0.082	48	0.110	87	0.260	93	0.292	100	0.190	100	0.262	100	0.380	89
SE0014R	lead	aerosol	1.329	100	1.964	100	2.500	81	1.288	97	0.908	100	0.690	80	0.579	97	0.570	84	0.520	47	2.471	100	2.200	83	1.100	87	1.376	88
SE0020R	lead	aerosol	2.200	77	2.457	100	2.848	100	2.097	100	1.190	97	1.100	80	0.698	52	1.100	84	1.200	47	2.565	100	1.300	83	0.840	48	1.755	81
SE0022R	lead	aerosol	1.232	100	1.664	100	1.200	84	0.800	93	0.819	100	0.280	83	0.628	94	0.580	87	0.530	90	1.546	100	1.300	97	0.740	90	0.957	93
SI0008R	lead	pm10	1.331	35	3.534	11	4.804	16	1.825	17	2.237	19	1.198	17	1.633	16	2.960	16	1.382	17	4.245	16	1.645	17	1.294	39	2.120	20
SK0002R	lead	aerosol	0.453	94	1.653	82	2.357	100	2.491	77	3.530	90	1.924	87	2.699	100	4.324	100	5.571	100	4.125	100	1.216	100	0.218	97	2.583	94
					10.49																							
SK0004R	lead	pm10	5.085	90	6	100	5.327	100	4.675	100	3.718	100	2.882	100	2.407	100	3.538	100	3.188	100	4.648	100	6.688	100	5.769	100	4.826	99
SK0006R	lead	pm10	3.191	100	4.366	100	3.926	100	2.791	53	2.904	100	2.207	100	3.671	77	3.102	100	2.280	100	7.567	100	4.565	100	4.162	100	3.770	94
					14.89		10.84														10.10							
SK0007R	lead	pm10	-	-	9	96	3	100	5.445	100	3.982	100	4.178	100	6.431	100	6.245	77	8.511	100	3	100	10.443	100	6.402	100	7.914	89
									12.15						13.24													
BE0014R	manganese	pm10	7.686	94	6.200	86	6.655	94	7	100	6.914	94	5.960	100	5	100	7.497	100	6.047	100	7.603	100	5.167	100	6.713	100	7.696	97
					11.09		23.37				17.42										16.64							
CY0002R	manganese	pm10	3.411	90	2	82	0	87	8.760	97	2	94	6.768	100	7.867	97	7.484	100	7.296	90	5	94	7.920	100	1.219	87	9.889	93
CZ0003R	manganese	pm10	2.144	49	3.049	50	3.093	51	5.875	50	5.822	49	4.474	50	3.745	51	5.021	49	3.959	47	6.341	51	3.310	47	1.241	49	4.018	49
CZ0003R	manganese	pm25	1.480	49	1.562	46	1.675	51	1.930	50	2.253	49	1.725	50	1.487	51	2.136	49	1.697	50	2.367	51	1.599	50	0.688	49	1.720	50
CZ0005R	manganese	pm10	0.481	49	1.252	50	1.543	51	3.502	50	3.127	49	2.098	50	2.203	51	2.496	49	1.659	50	2.342	48	1.162	50	0.444	49	1.861	50
DE0001R	manganese	pm10	1.646	100	2.584	100	2.068	100	1.985	53	4.756	100	4.933	100	5.431	100	5.670	100	1.752	100	2.640	100	2.119	100	1.189	100	3.116	96
DE0002R	manganese	pm10	2.006	100	2.579	100	2.508	100	4.307	100	5.177	100	3.284	100	3.793	100	4.523	100	4.836	100	4.053	100	3.126	100	1.864	100	3.508	100
DE0003R	manganese	pm10	1.108	100	0.810	100	0.824	100	4.392	77	2.853	100	2.721	100	3.079	100	2.546	100	2.192	100	2.220	100	0.566	100	0.233	100	1.919	98
DE0007R	manganese	pm10	1.611	100	2.161	100	2.299	100	3.372	100	4.116	100	3.169	100	3.236	100	4.647	100	4.499	100	4.179	100	3.164	100	1.371	100	3.156	100
DE0008R	manganese	pm10	0.480	100	1.638	100	1.590	100	3.935	100	3.601	100	2.767	100	3.312	100	3.342	100	3.023	100	2.786	100	1.095	100	0.520	100	2.343	100
DE0009R	manganese	pm10	1.482	100	1.867	100	1.952	100	2.396	100	4.945	90	1.201	63	2.183	100	2.938	100	2.629	100	3.889	100	2.248	100	1.038	100	2.421	96
FI0018R	manganese	pm10	1.622	100	2.853	100	1.972	100	2.267	100	6.195	97	6.974	100	5.950	100	5.764	100	1.702	100	1.786	100	2.733	100	2.540	100	3.529	100

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
FI0036R	manganese	pm10	0.413	100	0.394	100	0.424	100	0.494	100	0.795	100	0.342	100	0.794	99	0.533	90	0.338	100	0.182	99	0.143	100	0.433	77	0.442	97
FI0050R	manganese	pm10	0.956	99	2.077	99	1.125	100	1.535	96	3.010	100	1.476	100	2.212	100	1.525	100	1.228	100	1.159	100	0.853	100	1.172	90	1.528	99
GB0048R	manganese	pm10	0.427	100	0.675	100	0.757	100	0.824	100	1.946	100	1.959	100	2.450	100	1.119	100	0.853	100	0.797	100	0.595	100	0.995	100	1.121	100
GB1055R	manganese	pm10	1.274	100	2.558	100	1.723	100	3.067	100	3.688	100	3.582	100	4.864	99	2.954	100	2.724	100	1.997	100	1.997	100	2.014	100	2.701	100
			10.58																									
IS0091R	manganese	aerosol	7	98	4.432	94	1.040	36	7.220	100	4.988	100	0.931	100	0.964	99	2.428	55	0.680	59	7.707	95	3.360	92	3.180	43	4.383	81
IT0019R	manganese	pm10	1.883	26	2.218	29	1.293	19	6.094	33	2.270	23	4.450	3	4.640	39	3.064	23	3.024	23	2.370	13	12.460	7	1.500	19	3.379	21
NO0042G	manganese	aerosol	0.551	13	1.021	21	0.506	26	0.956	29	0.090	11	0.063	20	0.176	18	0.182	27	0.277	23	0.456	32	0.494	23	0.873	19	0.489	22
NO0090R	manganese	aerosol	0.686	32	0.526	25	0.362	26	0.884	26	0.801	30	0.890	27	0.932	31	0.189	27	0.429	27	0.119	32	0.165	27	0.194	19	0.525	27
SE0005R	manganese	aerosol	0.543	81	0.530	100	0.675	84	1.000	93	1.433	100	0.810	83	0.977	48	0.650	87	0.540	93	0.428	100	0.200	100	0.191	100	0.650	89
SE0014R	manganese	aerosol	0.899	100	1.443	100	1.800	81	1.972	97	3.807	100	2.500	80	1.767	97	1.300	84	1.100	47	1.961	100	1.600	83	0.940	87	1.797	88
SE0020R	manganese	aerosol	1.200	77	1.886	100	1.826	100	3.687	100	5.550	97	8.700	80	3.325	52	3.500	84	1.800	47	2.823	100	2.100	83	0.930	48	3.223	81
SE0022R	manganese	aerosol	1.113	100	1.293	100	1.200	84	1.600	93	4.407	100	1.800	83	2.179	94	1.600	87	1.500	90	1.584	100	1.400	97	0.840	90	1.731	93
DE0002R	mercury	air	1.428	100	1.502	100	1.692	100	1.771	100	1.592	97	1.611	97	1.577	100	1.511	100	1.542	100	1.439	100	1.494	97	1.521	93	1.557	99
DE0003R	mercury	air	1.256	100	1.357	100	1.342	97	1.344	100	1.361	100	1.283	100	1.231	100	1.305	97	1.244	90	1.161	19	1.236	67	-	-	1.295	81
DE0008R	mercury	air	1.425	100	1.636	100	1.684	100	1.652	100	1.639	87	1.436	100	1.414	100	1.439	94	1.460	100	1.451	100	1.527	100	1.498	81	1.520	97
DE0009R	mercury	air	1.486	100	1.378	100	1.496	100	1.656	100	1.510	100	1.343	97	1.355	100	1.520	97	1.432	100	1.486	100	1.596	97	1.567	100	1.486	99
DK0010G	mercury	air	1.067	100	1.093	96	0.780	97	0.677	86	0.788	90	0.873	86	1.284	95	1.249	42	-	-	-	-	-	-	-	-	0.963	58
EE0009R	mercury	air	1.170	14	-	-	1.475	14	1.337	100	1.225	100	1.262	100	1.051	97	1.086	100	1.029	94	1.236	100	1.334	100	1.426	100	1.225	77
ES0008R	mercury	air	0.510	99	0.475	99	0.447	94	0.383	98	0.317	98	0.288	99	0.238	99	0.264	98	0.278	98	0.368	97	0.383	98	0.382	18	0.359	91
GB0048R	mercury	air	1.382	92	1.379	94	1.537	96	1.516	94	1.456	89	1.465	84	1.350	54	1.311	63	1.242	55	1.247	62	1.390	60	1.254	23	1.401	72
GB1055R	mercury	air	1.272	18	-	-	1.420	13	1.506	93	1.458	96	1.549	-	-	-	-	-	-	-	-	-	-	-	1.527	50	-	-
NO0002R	mercury	air	1.395	93	1.499	99	1.453	98	1.557	98	1.382	99	1.454	99	1.453	98	1.466	91	1.167	91	1.357	95	1.560	94	1.598	96	1.446	96
NO0042G	mercury	air	1.466	91	1.464	99	1.455	97	1.433	93	1.514	94	1.543	93	1.587	76	1.361	52	1.502	57	1.486	60	1.112	81	1.165	96	1.422	82
NO0090R	mercury	air	1.487	88	1.498	97	1.510	93	1.417	96	1.453	96	1.420	98	1.378	99	1.347	98	1.278	89	1.340	97	1.338	96	1.395	96	1.405	95
PL0005R	mercury	air	0.625	13	0.900	18	0.675	13	2.263	16	2.169	10	1.217	20	1.125	13	1.580	16	1.833	10	1.600	13	1.283	20	1.925	13	1.406	15
SI0008R	mercury	air	1.260	32	1.267	11	1.318	90	1.333	30	-	-	-	-	-	-	-	-	-	-	1.410	65	1.233	10	1.450	90	1.364	28
FI0036R	mercury	air+aerosol	1.426	25	1.583	29	1.336	24	1.420	17	1.357	23	1.050	9	1.200	27	1.225	26	1.300	30	1.162	28	1.216	28	1.314	23	1.307	24
SE0005R	mercury	air+aerosol	1.433	10	1.367	11	1.525	13	1.300	16	1.418	14	1.333	10	1.320	16	1.200	13	1.200	13	1.080	16	1.000	13	1.375	13	1.288	13
SE0014R	mercury	air+aerosol	1.209	28	1.488	15	1.452	19	1.400	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SE0020R	mercury	air+aerosol	1.425	13	1.300	14	1.575	13	1.325	13	1.420	16	1.300	13	1.342	15	1.371	14	1.175	13	1.440	16	1.275	13	1.425	13	1.367	14
FI0036R	mercury	aerosol	1.400	5	-	-	1.400	18	0.649	76	1.406	55	1.641	100	2.774	99	1.537	90	1.818	100	0.662	100	0.402	100	0.716	98	1.303	70
					10.37						10.30																	
IS0091R	mercury	aerosol	5.805	98	3	94	1.510	36	1.132	100	1	100	2.191	100	3.510	99	3.443	55	2.040	59	1.777	95	2.890	42	2.550	43	4.328	77
					10.93																							
SE0014R	mercury	aerosol	-	-	2	17	7.458	29	9.073	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GB0048R	mercury	pm25	-	-	-	-	-	-	-	-	-	-	5.775	13	3.352	38	5.323	43	3.571	39	1.555	55	2.866	53	2.417	20	-	-
GB0048R	RGM	air	-	-	-	-	-	-	-	-	-	-	2.538	13	1.347	37	1.843	42	1.310	39	0.641	55	0.583	53	0.943	20	-	-
DE0001R	molybdenum	pm10	0.147	93	0.367	82	0.151	100	0.236	100	0.110	100	0.084	100	0.088	100	0.122	100	0.092	100	0.230	100	0.235	100	0.141	100	0.163	98
DE0002R	molybdenum	pm10	0.238	100	0.257	100	0.194	100	0.249	100	0.101	100	0.147	100	0.087	100	0.182	100	0.271	100	0.314	100	0.394	100	0.338	100	0.230	100
DE0003R	molybdenum	pm10	0.079	100	0.095	100	0.091	100	0.134	100	0.145	100	0.158	100	0.197	100	0.118	100	0.195	100	0.165	100	0.064	100	0.038	100	0.123	100
DE0007R	molybdenum	pm10	0.165	100	0.168	100	0.147	100	0.158	100	0.076	100	0.085	100	0.060	100	0.116	100	0.181	100	0.203	100	0.265	100	0.141	100	0.147	100
DE0008R	molybdenum	pm10	0.093	100	0.194	100	0.162	100	0.194	100	0.163	100	0.195	100	0.147	100	0.172	100	0.202	100	0.211	100	0.106	100	0.056	100	0.157	100
DE0009R	molybdenum	pm10	0.134	100	0.134	100	0.116	100	0.137	100	0.144	100	0.069	100	0.083	100	0.094	100	0.141	100	0.222	100	0.201	100	0.114	100	0.132	100
IT0019R	molybdenum	pm10	0.693	26	0.250	29	0.433	19	0.394	33	0.250	23	0.250	3	0.250	39	0.250	23	0.250	23	0.250	13	0.250	7	0.557	19	0.352	21
BE0014R	nickel	pm10	2.221	94	1.267	86	2.214	94	2.867	100	5.482	87	2.820	100	2.036	100	1.887	100	2.247	100	2.397	100	2.120	100	1.803	100	2.437	97
CY0002R	nickel	pm10	1.556	90	4.042	82	3.734	87	2.534	97	3.429	94	2.243	100	2.567	97	3.677	100	3.889	90	5.682	94	2.909	100	0.303	87	3.041	93
CZ0003R	nickel	pm10	0.230	49	0.614	50	0.361	51	0.678	50	0.412	49	0.741	50	0.145	51	0.330	49	0.436	47	0.391	51	0.417	47	0.262	49	0.415	49
CZ0003R	nickel	pm25	0.212	49	0.455	46	0.418	51	0.417	50	0.171	49	0.116	50	0.172	51	0.214	49	0.232	50	0.356	51	0.154	50	0.165	49	0.255	50
CZ0005R	nickel	pm10	0.187	49	0.253	50	0.267	51	0.539	50	0.168	49	0.508	50	0.131	51	0.211	49	0.244	50	0.393	48	0.156	50	0.076	49	0.260	50
DE0001R	nickel	pm10	0.476	100	0.842	100	0.665	100	0.881	100	0.891	100	0.519	83	0.430	90	0.603	81	0.409	100	0.558	100	0.451	100	0.205	100	0.577	96
DE0002R	nickel	pm10	0.492	100	0.468	100	0.453	100	0.374	100	0.400	100	0.292	100	0.256	100	0.304	100	0.362	100	0.364	100	0.279	100	0.238	100	0.356	100
DE0003R	nickel	pm10	0.153	100	0.143	100	0.135	100	0.482	100	0.339	100	0.286	100	0.285	100	0.307	100	0.349	100	0.246	100	0.103	100	0.095	100	0.244	100
DE0007R	nickel	pm10	0.472	100	0.381	100	0.484	100	0.289	100	0.323	100	0.307	100	0.322	100	0.394	100	0.318	100	0.316	100	0.380	100	0.216	100	0.350	100
DE0008R	nickel	pm10	0.213	100	0.305	100	0.267	100	0.383	100	0.393	100	0.336	100	0.409	100	0.462	100	0.437	100	0.528	100	0.224	100	0.167	100	0.344	100
DE0009R	nickel	pm10	0.657	100	0.675	100	0.803	100	1.209	100	1.483	100	0.765	100	0.924	100	0.609	100	0.382	100	0.598	100	0.523	100	0.414	100	0.755	100
DK0008R	nickel	aerosol	0.515	75	0.241	13	0.956	100	0.816	100	0.964	100	0.746	100	0.715	100	0.319	100	0.443	100	0.506	100	0.372	100	0.213	91	0.598	90
DK0010G	nickel	aerosol	0.013	97	0.001	100	0.003	100	0.011	100	0.002	100	0.001	100	0.000	100	-	-	0.001	39	0.001	100	0.003	91	0.011	87	0.004	84

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
DK0012R	nickel	aerosol	1.804	100	0.515	100	0.737	100	0.490	97	0.575	87	0.361	100	0.389	100	0.162	100	0.019	100	0.756	94	0.550	100	0.678	94	0.585	98
EE0009R	nickel	pm10	0.431	100	0.597	100	0.466	100	0.759	100	0.385	100	0.370	100	0.092	100	0.347	100	0.239	100	0.521	100	0.498	100	0.241	98	0.410	100
ES0001R	nickel	pm10	0.340	16	0.354	18	0.440	16	0.782	17	0.712	16	0.948	17	0.586	16	1.128	16	0.807	16	0.631	17	0.434	17	0.422	16	0.631	16
ES0007R	nickel	pm10	1.840	16	1.460	18	1.328	16	1.004	17	2.206	16	2.596	17	1.984	16	1.824	16	2.511	16	1.471	17	1.540	17	2.180	16	1.824	16
ES0008R	nickel	pm10	0.352	16	0.362	18	0.302	16	0.850	17	0.620	16	0.872	17	0.776	16	0.728	16	0.669	16	0.941	17	0.932	17	0.958	16	0.698	16
ES0009R	nickel	pm10	0.378	16	0.360	18	0.386	16	0.642	17	0.392	16	0.546	17	0.444	16	1.210	16	0.691	16	0.362	17	0.318	17	0.396	16	0.509	16
ES0014R	nickel	pm10	0.386	16	0.350	18	0.366	16	0.950	17	0.756	16	1.516	17	1.230	16	0.740	18	0.673	17	0.590	17	0.538	17	0.430	16	0.710	17
FI0018R	nickel	pm10	0.395	100	0.804	100	0.556	100	0.624	100	0.579	97	0.401	100	0.341	100	0.366	100	0.331	100	0.394	100	0.304	100	0.573	100	0.470	100
FI0036R	nickel	pm10	0.368	100	0.378	100	0.431	100	0.270	100	0.195	100	0.077	100	0.373	99	0.075	90	0.091	100	0.043	99	0.014	100	0.156	77	0.208	97
FI0050R	nickel	pm10	0.204	99	0.455	99	0.285	100	0.271	96	0.271	100	0.170	100	0.222	100	0.161	100	0.158	100	0.214	100	0.155	100	0.198	90	0.229	99
FR0008R	nickel	pm10	-	-	0.305	6	0.256	100	0.352	100	0.310	58	0.365	100	0.920	100	0.427	100	0.512	100	0.533	100	0.173	18	-	0	0.461	65
FR0009R	nickel	pm10	0.267	95	0.286	100	0.255	55	0.112	99	0.667	80	0.781	99	1.163	98	0.751	56	0.852	100	0.789	100	0.663	99	0.930	25	0.619	84
FR0013R	nickel	pm10	0.182	95	0.212	80	0.256	100	0.536	100	0.532	97	0.578	100	0.690	100	0.491	100	0.675	100	0.486	55	0.506	100	0.438	56	0.472	90
FR0023R	nickel	pm10	0.194	100	0.119	100	0.156	100	0.488	100	0.411	100	0.509	100	0.580	55	0.438	100	0.702	100	0.454	100	0.233	100	0.259	100	0.372	96
FR0024R	nickel	pm10	0.916	100	0.797	100	0.742	100	1.107	100	1.215	100	1.617	100	1.458	53	1.702	57	1.635	100	1.913	100	1.180	100	2.482	100	1.388	92
FR0025R	nickel	pm10	0.173	100	0.187	100	0.196	100	0.086	100	0.352	100	0.430	100	0.475	100	0.537	88	0.813	65	0.685	100	0.868	100	0.605	100	0.440	96
GB0013R	nickel	pm10	0.244	100	0.369	100	0.330	100	0.604	100	0.510	100	0.613	100	0.742	100	0.448	100	0.432	100	0.383	100	0.372	100	0.352	100	0.450	100
GB0017R	nickel	pm10	0.538	100	0.612	100	0.833	100	1.354	100	1.289	100	1.047	100	0.860	100	0.879	100	0.535	100	0.576	100	0.630	100	0.458	100	0.802	100
GB0048R	nickel	pm10	0.141	100	0.225	100	0.196	100	0.247	100	0.305	100	0.395	100	0.372	100	0.194	100	0.178	100	0.157	100	0.156	100	0.230	100	0.233	100
GB1055R	nickel	pm10	0.276	100	0.501	100	0.387	100	0.671	100	0.660	100	0.663	100	0.650	99	0.530	100	0.531	100	0.457	100	0.469	100	0.375	100	0.513	100
IS0091R	nickel	aerosol	0.530	98	0.450	94	0.110	36	0.751	100	1.089	100	0.395	100	0.332	99	0.301	55	0.170	59	0.559	95	0.566	92	0.360	43	0.517	81
IT0019R	nickel	pm10	0.705	26	0.320	29	0.770	19	0.958	33	0.894	23	1.220	3	1.042	39	0.387	23	0.533	23	0.565	13	0.620	7	0.430	19	0.704	21
LV0010R	nickel	pm10	0.324	45	1.094	50	0.188	45	0.750	50	1.643	55	0.287	53	0.674	48	0.628	45	0.066	47	0.727	55	0.114	53	1.336	52	0.668	50
NL0008R	nickel	pm10	0.692	51	0.768	50	0.986	49	1.182	50	0.775	51	0.909	43	0.803	49	0.801	51	0.950	50	0.970	49	0.839	50	0.817	51	0.872	50
NL0644R	nickel	pm25	0.507	26	0.482	25	0.534	23	0.810	27	0.603	16	0.785	23	0.638	26	0.540	13	0.438	10	-	0	0.414	17	0.527	23	0.587	19
NO0002R	nickel	pm10	0.116	100	0.179	100	0.223	100	0.325	100	0.361	100	0.262	100	0.343	100	0.219	100	0.242	100	0.228	100	0.200	100	0.111	81	0.236	98
NO0042G	nickel	aerosol	0.151	13	0.431	21	0.172	26	0.205	29	0.034	11	0.030	20	0.042	18	0.046	27	0.050	23	0.224	32	0.140	23	0.202	19	0.151	22
NO0090R	nickel	aerosol	0.436	32	0.136	25	0.169	26	0.149	26	0.140	30	0.188	27	0.185	31	0.032	27	0.087	27	0.041	32	0.092	27	0.087	19	0.150	27
PL0005R	nickel	pm10	0.197	87	0.248	86	0.161	87	0.329	83	0.237	87	0.375	87	0.227	84	0.087	87	0.217	83	0.306	87	0.301	87	0.372	81	0.253	85
PL0009R	nickel	pm10	0.509	87	0.200	86	0.536	87	0.625	83	0.665	87	0.629	87	0.642	84	0.758	48	0.339	83	0.588	87	0.538	87	0.414	81	0.532	82
SE0005R	nickel	aerosol	0.129	81	0.065	100	0.114	84	0.095	93	0.101	100	0.110	83	0.217	48	0.110	87	0.115	93	0.109	100	0.085	100	0.103	100	0.108	89
SE0014R	nickel	aerosol	0.331	100	0.949	100	0.520	81	0.640	97	0.633	100	0.520	80	0.603	97	0.360	84	0.200	47	0.524	100	0.370	83	0.280	87	0.510	88
SE0020R	nickel	aerosol	0.290	77	0.350	100	0.630	100	0.573	100	0.561	97	0.480	80	0.219	52	0.390	84	0.190	47	0.447	100	0.330	83	0.175	48	0.418	81
SE0022R	nickel	aerosol	0.887	100	0.395	100	0.330	84	0.350	93	0.309	100	0.105	83	0.274	94	0.105	87	0.120	90	0.434	100	0.370	97	0.320	90	0.342	93
SI0008R	nickel	pm10	2.085	35	0.318	11	0.318	16	0.552	17	0.318	19	0.318	17	0.747	16	0.318	16	0.318	17	0.318	16	0.508	17	0.631	39	0.699	20
SK0002R	nickel	aerosol	0.057	94	0.466	82	0.248	100	0.329	77	1.145	90	0.081	87	0.196	100	0.501	100	0.068	100	0.068	100	0.025	100	0.025	97	0.260	94
SK0004R	nickel	pm10	0.336	90	0.185	100	0.207	100	0.345	100	0.319	100	0.249	100	0.114	100	0.485	100	0.084	100	0.025	100	0.025	100	0.025	100	0.199	99
SK0006R	nickel	pm10	0.348	100	0.438	100	0.146	100	0.328	53	1.052	100	0.383	100	0.184	77	0.292	100	0.092	100	0.025	100	0.025	100	0.025	100	0.277	94
SK0007R	nickel	pm10	-	-	0.608	96	0.347	100	0.499	100	0.336	100	0.272	100	0.186	100	0.646	77	0.078	100	0.025	100	0.025	100	0.279	100	0.290	89
CZ0003R	selenium	pm10	0.190	49	0.360	50	0.345	51	0.232	50	0.361	49	0.451	50	0.245	51	0.330	49	0.361	47	0.383	51	0.383	47	0.168	49	0.316	49
CZ0003R	selenium	pm25	0.175	49	0.333	46	0.342	51	0.222	50	0.284	49	0.352	50	0.241	51	0.273	49	0.287	50	0.346	51	0.370	50	0.202	49	0.285	50
CZ0005R	selenium	pm10	0.096	49	0.178	50	0.120	51	0.110	50	0.132	49	0.174	50	0.180	51	0.143	49	0.154	50	0.198	48	0.129	50	0.091	49	0.142	50
DE0001R	selenium	pm10	0.344	100	0.520	100	0.392	100	0.691	100	0.536	100	0.493	100	0.496	100	0.494	100	0.372	100	0.571	100	0.596	100	0.368	100	0.489	100
DE0002R	selenium	pm10	0.435	100	0.545	100	0.579	100	0.631	100	0.514	100	0.492	100	0.485	100	0.536	100	0.530	100	0.616	100	0.765	100	0.402	100	0.543	100
DE0003R	selenium	pm10	0.046	100	0.179	100	0.133	100	0.178	100	0.273	100	0.254	100	0.379	100	0.283	100	0.267	100	0.206	100	0.072	100	0.051	100	0.194	100
DE0007R	selenium	pm10	0.419	100	0.508	100	0.520	100	0.500	100	0.405	100	0.388	100	0.353	100	0.471	100	0.396	100	0.653	100	0.834	100	0.408	100	0.487	100
DE0008R	selenium	pm10	0.249	100	0.685	100	0.520	100	0.601	100	0.629	100	0.517	100	0.500	100	0.555	100	0.467	100	0.479	100	0.570	100	0.228	100	0.498	100
DE0009R	selenium	pm10	0.373	100	0.450	100	0.468	100	0.467	100	0.353	100	0.348	100	0.445	100	0.493	100	0.371	100	0.610	100	0.662	100	0.347	100	0.449	100
GB0048R	selenium	pm10	0.181	100	0.229	100	0.200	100	0.199	100	0.295	100	0.423	100	0.313	100	0.231	100	0.206	100	0.244	100	0.243	100	0.300	100	0.256	100
GB1055R	selenium	pm10	0.337	100	0.425	100	0.298	100	0.429	100	0.664	100	0.579	100	0.662	99	0.480	100	0.464	100	0.445	100	0.428	100	0.391	100	0.467	100
IT0019R	strontium	pm10	0.500	26	0.500	29	0.780	19	3.196	33	1.267	23	2.550	3	1.832	39	0.643	23	0.900	23	0.500	13	5.180	7	0.500	19	1.336	21
DE0001R	thallium	pm10	0.022	100	0.026	100	0.023	100	0.016	100	0.009	100	0.007	100	0.007	100	0.009	100	0.009	100	0.016	100	0.025	100	0.012	100	0.015	100
DE0002R	thallium	pm10	0.034	100	0.038	100	0.030	100	0.021	100	0.014	100	0.012	100	0.007	100	0.010	100	0.012	100	0.022	100	0.048	100	0.018	100	0.022	100
DE0003R	thallium	pm10	0.003	100	0.013	100	0.009	100	0.008	100	0.010	100	0.006	100	0.008	100	0.007	100	0.007	100	0.007	100	0.005	100	0.002	100	0.007	100
DE0007R	thallium	pm10	0.036	100	0.044	100	0.035	100	0.020	100	0.010	100	0.009	100	0.005	100	0.011	100	0.010	100	0.028	100	0.055	100	0.015	100	0.023	100
DE0008R	thallium	pm10	0.010	100	0.034	100	0.031	100	0.013	100	0.018	100	0.010	100	0.009	100	0.010	100	0.010	100	0.012	100	0.019	100	0.014	100	0.016	100
DE0009R	thallium	pm10	0.029	100	0.033	100	0.032	100	0.016	100	0.009	100	0.005	100	0.006	100	0.009	100	0.008	100	0.028	100	0.043	100	0.013	100	0.019	100
IT0019R	tin	pm10	1.068	26	0.623	29	1.560	19	0.884	33	0.504	23	0.610	3	0.712	39	0.436	23	0.401	23	0.520	13	0.250	7	0.743	19	0.735	21

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
IT0019R	titanium	pm10	1.420	26	2.425	29	0.947	19	9.718	33	4.597	23	7.760	3	5.560	39	6.410	23	3.573	23	1.800	13	30.470	7	1.247	19	4.946	21
CY0002R	vanadium	pm10	1.662	90	4.202	82	5.108	87	3.260	97	4.971	94	2.896	100	3.133	97	3.129	100	2.407	90	4.089	94	2.600	100	1.005	87	3.195	93
CZ0003R	vanadium	pm10	0.173	49	0.332	50	0.406	51	0.766	50	0.562	49	0.469	50	0.435	51	0.463	49	0.331	47	0.596	51	0.373	47	0.122	49	0.420	49
CZ0003R	vanadium	pm25	0.125	49	0.185	46	0.298	51	0.369	50	0.258	49	0.258	50	0.268	51	0.216	49	0.170	50	0.265	51	0.286	50	0.078	49	0.232	50
CZ0005R	vanadium	pm10	0.096	49	0.184	50	0.212	51	0.493	50	0.372	49	0.295	50	0.297	51	0.270	49	0.198	50	0.266	48	0.161	50	0.068	49	0.243	50
DE0001R	vanadium	pm10	0.395	100	0.466	100	0.884	100	1.313	100	1.359	100	0.974	100	0.931	100	0.594	100	0.550	100	0.630	100	0.542	100	0.400	100	0.754	100
DE0002R	vanadium	pm10	0.215	100	0.354	100	0.417	100	0.551	100	0.675	100	0.498	100	0.609	100	0.596	100	0.608	100	0.492	100	0.328	100	0.227	100	0.465	100
DE0003R	vanadium	pm10	0.215	100	0.079	100	0.131	100	0.547	100	0.289	100	0.364	100	0.387	100	0.342	100	0.340	100	0.292	100	0.106	100	0.056	100	0.263	100
DE0007R	vanadium	pm10	0.201	100	0.449	100	0.497	100	0.546	100	0.707	100	0.515	100	0.663	100	0.531	100	0.495	100	0.450	100	0.377	100	0.204	100	0.470	100
DE0008R	vanadium	pm10	0.076	100	0.229	100	0.224	100	0.430	100	0.354	100	0.354	100	0.425	100	0.403	100	0.342	100	0.346	100	0.150	100	0.062	100	0.283	100
DE0009R	vanadium	pm10	0.596	100	0.644	100	1.495	100	2.466	100	3.447	100	2.124	100	2.564	100	1.364	100	0.922	100	0.979	100	0.640	100	0.514	100	1.486	100
FI0018R	vanadium	pm10	0.805	100	1.743	100	1.229	100	1.465	100	1.249	97	1.063	100	0.653	100	0.802	100	0.594	100	0.682	100	0.470	100	1.150	100	0.986	100
FI0036R	vanadium	pm10	0.635	100	0.517	100	0.595	100	0.287	100	0.210	100	0.065	100	0.231	99	0.103	90	0.077	100	0.056	99	0.041	100	0.261	77	0.257	97
FI0050R	vanadium	pm10	0.425	99	0.864	99	0.481	100	0.467	96	0.452	100	0.246	100	0.302	100	0.289	100	0.232	100	0.342	100	0.238	100	0.345	90	0.387	99
GB0048R	vanadium	pm10	0.194	100	0.226	100	0.230	100	0.400	100	0.463	100	0.465	100	0.484	100	0.302	100	0.272	100	0.247	100	0.205	100	0.336	100	0.319	100
GB1055R	vanadium	pm10	0.392	100	0.616	100	0.589	100	0.965	100	0.959	100	1.053	100	1.059	99	0.924	100	0.807	100	0.646	100	0.488	100	0.484	100	0.749	100
IS0091R	vanadium	aerosol	2.002	98	0.896	94	0.240	36	1.463	100	0.959	100	0.214	100	0.399	99	0.630	55	0.310	59	1.547	95	0.974	92	0.900	43	0.949	81
IT0019R	vanadium	pm10	1.243	26	0.448	29	0.583	19	1.584	33	1.026	23	2.660	3	2.137	39	0.616	23	0.616	23	0.735	13	1.770	7	0.693	19	1.123	21
NO0002R	vanadium	pm10	0.099	100	0.243	100	0.351	100	0.528	100	0.644	100	0.458	100	0.550	100	0.320	100	0.347	100	0.355	100	0.269	100	0.113	81	0.361	98
NO0042G	vanadium	aerosol	0.172	13	0.080	21	0.058	26	0.097	29	0.015	11	0.012	20	0.025	18	0.013	27	0.048	23	0.085	32	0.070	23	0.091	19	0.063	22
NO0090R	vanadium	aerosol	0.173	32	0.178	25	0.175	26	0.224	26	0.283	30	0.247	27	0.418	31	0.092	27	0.095	27	0.055	32	0.061	27	0.076	19	0.178	27
SE0005R	vanadium	aerosol	0.182	81	0.240	100	0.329	84	0.160	93	0.237	100	0.110	83	0.126	48	0.070	87	0.053	93	0.087	100	0.056	100	0.056	100	0.141	89
SE0014R	vanadium	aerosol	0.440	100	0.523	100	0.960	81	1.410	97	1.648	100	1.300	80	1.361	97	0.820	84	0.630	47	0.845	100	0.700	83	0.530	87	0.948	88
SE0020R	vanadium	aerosol	0.470	77	0.599	100	0.707	100	0.997	100	1.200	97	1.200	80	0.893	52	0.840	84	0.610	47	0.722	100	0.460	83	0.260	48	0.773	81
SE0022R	vanadium	aerosol	0.259	100	0.395	100	0.460	84	0.460	93	0.721	100	0.280	83	0.418	94	0.360	87	0.250	90	0.384	100	0.360	97	0.130	90	0.376	93
BE0014R	zinc	pm10	17.2	94	17.9	86	19.2	94	20.1	100	13.1	94	7.5	100	13.1	100	10.4	100	9.4	100	16.5	100	36.5	100	23.94	100	17.0	97
CY0002R	zinc	pm10	5.2	90	16.2	82	11.0	87	12.3	97	12.3	94	13.7	100	8.7	97	13.0	100	12.2	90	23.6	94	16.6	100	4.22	87	12.4	93
CZ0003R	zinc	pm10	5.0	49	15.5	50	16.9	51	11.1	50	12.3	49	6.8	50	4.7	51	5.9	49	7.7	47	12.1	51	16.6	47	8.42	49	10.2	49
CZ0003R	zinc	pm25	5.7	49	15.2	46	14.9	51	10.2	50	8.9	49	4.9	50	3.8	51	4.1	49	6.8	50	11.4	51	14.2	50	7.75	49	8.9	50
CZ0005R	zinc	pm10	1.6	49	9.7	50	11.1	51	5.2	50	6.3	49	4.4	50	3.8	51	3.9	49	3.7	50	6.2	48	19.4	50	3.28	49	6.5	50
DE0001R	zinc	pm10	17.4	100	16.9	100	11.2	100	11.4	100	6.5	100	3.9	100	4.5	100	5.2	100	4.4	100	9.1	100	13.4	100	6.48	100	9.2	100
DE0002R	zinc	pm10	19.3	100	20.5	100	25.6	100	27.9	100	10.1	100	7.1	100	5.9	100	7.8	100	11.5	100	17.5	100	26.3	100	13.61	100	16.1	100
DE0003R	zinc	pm10	2.2	100	10.1	100	5.0	100	5.5	100	6.4	100	5.2	100	5.7	100	4.7	100	5.5	100	5.7	100	2.7	100	1.33	100	5.0	100
DE0007R	zinc	pm10	15.6	100	18.6	100	16.3	100	10.2	100	5.8	100	5.0	100	3.6	100	6.3	100	8.3	100	16.8	100	24.6	100	10.16	100	11.7	100
DE0008R	zinc	pm10	3.2	100	12.9	100	11.3	100	8.0	100	8.8	100	6.7	100	5.0	100	6.1	100	6.9	100	7.7	100	7.1	100	4.26	100	7.3	100
DE0009R	zinc	pm10	16.8	100	14.9	100	15.3	100	9.7	100	5.9	100	3.7	100	4.0	100	6.4	100	7.2	100	15.2	100	16.6	100	7.99	100	10.3	100
ES0001R	zinc	pm10	4.7	16	6.6	18	12.5	16	8.2	17	8.6	16	17.3	17	5.6	16	6.5	16	8.7	16	7.7	17	5.2	17	5.35	16	8.1	16
ES0007R	zinc	pm10	6.0	16	9.5	18	9.0	16	9.0	17	10.5	16	17.9	17	11.2	16	8.5	16	9.8	16	12.1	17	5.5	17	8.97	16	9.8	16
ES0008R	zinc	pm10	8.2	16	16.2	18	12.9	16	13.1	17	13.0	16	14.8	17	11.1	16	17.7	16	16.0	16	21.9	17	18.1	17	12.61	16	14.7	16
ES0009R	zinc	pm10	5.6	16	14.5	18	3.3	16	4.7	17	11.4	16	5.8	17	9.3	16	12.2	16	8.1	16	4.8	17	3.9	17	3.75	16	7.3	16
ES0014R	zinc	pm10	2.5	16	5.4	18	8.1	16	2.6	17	5.3	16	16.5	17	11.7	16	3.8	18	5.7	17	8.5	17	7.6	17	8.19	16	7.1	17
FI0018R	zinc	pm10	8.9	100	16.9	100	7.8	100	9.0	100	7.3	97	4.8	100	5.9	100	5.7	100	5.1	100	9.1	100	7.5	100	14.39	100	8.5	100
FI0036R	zinc	pm10	3.1	100	2.9	100	2.3	100	1.6	100	1.5	100	0.4	100	1.3	99	1.1	90	1.7	100	0.8	99	1.3	100	3.93	77	1.8	97
FI0050R	zinc	pm10	7.2	99	13.7	99	5.9	100	6.0	96	4.5	100	1.9	100	3.8	100	3.5	100	4.4	100	6.2	100	4.7	100	7.88	90	5.7	99
GB0013R	zinc	pm10	3.8	100	8.3	100	5.1	100	6.0	100	8.0	100	8.3	100	7.3	100	2.9	100	6.5	100	7.8	100	7.0	100	5.46	100	6.4	100
GB0017R	zinc	pm10	9.2	100	13.8	100	11.7	100	14.6	100	7.6	100	4.2	100	5.8	100	8.1	100	7.2	100	14.6	100	14.4	100	7.68	100	9.9	100
GB0048R	zinc	pm10	2.3	100	4.5	100	3.7	100	2.9	100	3.7	100	3.8	100	4.1	100	1.8	100	3.5	100	5.3	100	4.1	100	3.27	100	3.6	100
GB1055R	zinc	pm10	7.9	100	13.4	100	9.1	100	9.4	100	10.8	100	10.2	100	10.3	99	5.8	100	7.8	100	9.4	100	11.0	100	9.34	100	9.5	100
IS0091R	zinc	aerosol	1.6	98	1.6	94	0.5	36	1.8	100	1.3	100	0.4	100	0.6	99	0.5	55	0.4	59	1.8	95	1.9	92	1.16	43	1.2	81
IT0019R	zinc	pm10	5.0	26	9.0	29	5.0	19	7.5	33	5.0	23	5.0	3	10.7	39	9.2	23	5.0	23	5.0	13	5.0	7	5.00	19	7.0	21
NL0008R	zinc	pm10	23.6	51	32.6	50	33.4	49	35.9	50	29.1	51	26.2	47	25.5	49	28.2	51	27.6	50	30.9	49	44.4	50	30.77	51	30.6	50
NL0644R	zinc	pm25	15.5	26	25.5	25	26.3	23	22.7	27	34.3	16	26.8	23	32.6	26	28.2	13	24.5	10	-	0	30.7	17	22.84	23	25.9	19
NO0002R	zinc	pm10	3.3	100	4.4	100	5.3	100	5.6	100	3.9	100	2.4	100	2.6	100	2.1	100	3.7	100	4.9	100	4.4	100	2.90	81	3.8	98
NO0042G	zinc	aerosol	0.9	13	3.8	21	1.5	26	2.6	29	0.2	11	0.2	20	2.7	18	1.0	27	0.5	23	1.5	32	1.4	23	4.24	19	1.7	22
NO0090R	zinc	aerosol	1.5	32	1.5	25	0.8	26	1.1	26	0.8	30	0.5	27	1.1	31	0.5	27	1.0	27	0.3	32	0.9	27	1.66	19	1.0	27
PL0005R	zinc	pm10	16.5	87	16.7	86	15.4	87	16.4	83	7.0	87	4.6	87	7.4	84	5.7	87	7.9	83	19.7	87	14.7	87	9.44	81	11.8	85
SE0005R	zinc	aerosol	3.2	81	2.8	100	3.3	84	1.6	93	1.7	100	0.4	83	0.9	48	0.5	87	1.0	93	1.5	100	1.0	100	1.36	100	1.6	89
SE0014R	zinc	aerosol	6.3	100	8.2	100	10.0	81	6.0	97	6.1	100	4.1	80	2.3	97	2.2	84	2.6	47	11.7	100	8.8	83	5.60	87	6.3	88
SE0020R	zinc	aerosol	7.4	77	9.3	100	11.7	100	9.2	100	6.1	97	5.7	80	4.0	52	4.7	84	6.4	47	8.4	100	5.6	83	3.90	48	7.2	81
SE0022R	zinc	aerosol	6.3	100	6.9	100	5.1	84	4.9	93	5.1	100	2.2	83	2.5	94	2.7	87	2.7	90	6.5	100	6.0	97	5.90	90	4.8	93

Site	Comp	Matrix	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		2018	
																											Avg	Capture
SI0008R	zinc	pm10	4.1	35	11.8	11	17.4	16	5.1	17	5.2	19	3.2	17	3.2	16	5.2	16	3.2	17	10.6	16	3.2	17	7.51	39	6.3	20
SK0002R	zinc	aerosol	0.7	94	2.1	82	3.4	100	3.3	77	6.8	90	4.8	87	6.8	100	10.2	100	10.9	100	7.9	100	2.5	100	1.62	97	5.2	94
SK0004R	zinc	pm10	6.1	90	23.0	100	14.6	100	8.2	100	7.7	100	9.8	100	6.5	100	9.4	100	7.2	100	7.4	100	11.8	100	13.93	100	10.4	99
SK0006R	zinc	pm10	6.7	100	12.4	100	11.0	100	5.6	53	12.1	100	6.0	100	6.1	77	7.8	100	5.0	100	9.2	100	10.2	100	6.98	100	8.4	94
SK0007R	zinc	pm10	-	-	22.0	96	20.2	100	9.7	100	9.3	100	7.9	100	6.4	100	10.3	77	9.0	100	16.5	100	23.1	100	17.11	100	13.8	89

Appendix G

Monthly mean values on data for POPs in precipitation

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
BE0013R	anthracene	precip+dry_dep	8.0	3.4	12.2	2.3	10.0	4.5	6.2	7.5	12.1	12.2	8.8	2.8	7.5
BE0013R	benz_a_anthracene	precip+dry_dep	19.4	11.7	14.1	7.3	15.8	5.9	11.7	19.0	18.8	21.2	24.0	13.9	15.3
BE0013R	benzo_a_pyrene	precip+dry_dep	23.4	8.4	10.7	2.7	8.9	0.8	6.1	11.7	13.1	5.4	7.9	10.1	9.1
BE0013R	benzo_b_fluoranthene	precip+dry_dep	33.6	10.1	20.3	9.8	22.6	14.5	26.1	27.2	12.7	4.9	18.2	19.3	18.4
BE0013R	benzo_ghi_perylene	precip+dry_dep	18.9	6.7	14.0	4.7	10.4	10.1	16.8	11.6	7.7	10.7	9.2	9.8	10.9
BE0013R	benzo_k_fluoranthene	precip+dry_dep	17.6	5.0	10.9	5.0	11.7	6.7	13.0	14.0	6.7	2.7	9.2	10.3	9.5
BE0013R	chrysene	precip+dry_dep	47.0	23.5	33.3	20.4	39.6	22.4	44.9	45.5	46.9	70.6	40.7	35.8	39.4
BE0013R	dibenzo_ah_anthracene	precip+dry_dep	6.7	3.4	0.8	0.8	1.5	7.3	11.6	5.0	4.4	5.0	1.8	2.9	4.3
BE0013R	fluoranthene	precip+dry_dep	63.7	36.9	55.1	34.1	77.8	25.2	66.1	87.6	120.7	126.8	52.0	43.6	66.1
BE0013R	fluorene	precip+dry_dep	13.2	6.7	10.8	2.5	5.8	2.8	1.7	4.3	7.7	11.8	4.4	12.9	7.1
BE0013R	inden_123cd_pyrene	precip+dry_dep	15.9	5.0	10.9	5.0	11.7	14.5	25.3	10.7	5.4	11.2	9.6	7.0	11.1
BE0013R	naphthalene	precip+dry_dep	17.5	16.8	46.2	10.3	19.7	31.9	41.1	18.5	13.1	37.9	34.0	72.1	30.1
BE0013R	pyrene	precip+dry_dep	44.2	21.8	33.1	21.8	51.6	15.7	43.6	59.5	80.5	87.9	52.7	34.0	45.8
CZ0003R	HCB	precip	0.02	0.03	0.04	0.07	0.09	0.02	0.02	0.02	0.02	0.03	0.10	0.02	0.04
CZ0003R	precipitation_amount	precip	37.45	20.03	26.73	11.08	58.20	59.40	48.90	65.45	98.25	40.10	17.08	73.83	556.48
CZ0003R	PCB_101	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_118	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_138	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_153	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_180	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	PCB_28	precip	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CZ0003R	PCB_52	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01
CZ0003R	acenaphthene	precip	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.26	0.90	0.74	1.29	1.62	0.39
CZ0003R	acenaphthylene	precip	2.14	3.17	1.07	1.60	1.77	0.24	0.03	0.30	1.18	1.26	4.51	6.85	1.33
CZ0003R	alpha_HCH	precip	0.04	0.04	0.07	0.09	0.23	0.07	0.06	0.07	0.07	0.06	0.06	0.07	0.09
CZ0003R	anthracene	precip	0.14	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.33	0.37	1.64	1.53	0.20
CZ0003R	benz_a_anthracene	precip	4.23	9.61	3.92	5.74	1.58	0.92	0.02	0.25	0.20	0.81	5.81	2.16	1.76
CZ0003R	benzo_a_pyrene	precip	2.07	9.38	2.58	6.86	1.77	0.46	0.04	0.12	0.19	0.51	3.67	0.99	1.38
CZ0003R	benzo_b_fluoranthene	precip	8.59	20.43	10.67	7.13	2.97	0.99	0.04	0.28	0.57	1.25	6.38	2.43	3.27
CZ0003R	benzo_ghi_perylene	precip	3.73	9.17	6.90	6.73	2.74	1.66	0.02	0.45	0.37	0.92	4.31	0.02	2.14
CZ0003R	benzo_k_fluoranthene	precip	1.89	5.60	4.10	3.65	0.96	0.36	0.04	0.12	0.20	0.52	2.76	0.72	1.05
CZ0003R	beta_HCH	precip	0.01	0.01	0.01	0.01	0.04	0.03	0.03	0.03	0.04	0.01	0.01	0.01	0.03
CZ0003R	delta_HCH	precip	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
CZ0003R	dibenzo_ah_anthracene	precip	0.04	0.66	0.32	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.04	0.04	0.08
CZ0003R	fluoranthene	precip	38.61	62.87	47.49	25.68	10.15	4.80	2.77	4.62	10.05	11.03	39.06	45.40	16.45
CZ0003R	fluorene	precip	11.11	20.04	14.40	5.82	2.80	2.03	2.16	3.75	8.56	5.41	15.81	25.90	7.13
CZ0003R	gamma_HCH	precip	0.16	0.11	0.21	0.24	0.23	0.23	0.22	0.37	0.19	0.19	0.12	0.13	0.22
CZ0003R	inden_123cd_pyrene	precip	2.51	9.99	7.20	6.76	2.59	0.88	0.03	0.12	0.20	0.65	3.85	0.03	1.84
CZ0003R	naphthalene	precip	80.90	112.00	67.10	27.40	11.36	11.52	8.62	15.02	32.34	23.49	51.85	101.00	33.07
CZ0003R	phe-threne	precip	43.59	56.71	51.62	24.28	10.59	8.39	8.65	10.16	20.31	17.35	43.89	64.70	21.60
CZ0003R	pp_DDD	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CZ0003R	pp_DDE	precip	0.03	0.04	0.07	0.10	0.02	0.02	0.02	0.04	0.04	0.03	0.04	0.03	0.03
CZ0003R	pp_DDT	precip	0.01	0.01	0.03	0.12	0.11	0.04	0.01	0.04	0.07	0.17	0.12	0.07	0.07
CZ0003R	pyrene	precip	24.65	37.71	26.60	19.67	7.70	3.50	2.00	2.51	4.57	6.08	27.65	20.40	9.89

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0001R	HCB	precip_tot	0.33	0.93	0.41	0.46	3.89	0.67	2.52	0.11	0.06	0.22	0.17	0.19	0.84
DE0001R	PCB_101	precip_tot	0.11	0.18	0.03	0.05	0.87	0.11	0.38	0.01	0.01	0.03	0.01	0.01	0.15
DE0001R	PCB_118	precip_tot	0.02	0.04	0.03	0.02	0.24	0.03	0.13	0.01	0.00	0.01	0.01	0.01	0.05
DE0001R	PCB_138	precip_tot	0.06	0.10	0.06	0.04	0.74	0.07	0.29	0.02	0.01	0.04	0.02	0.00	0.12
DE0001R	PCB_153	precip_tot	0.06	0.11	0.05	0.04	0.69	0.08	0.36	0.02	0.01	0.04	0.02	0.01	0.13
DE0001R	PCB_180	precip_tot	0.02	0.05	0.04	0.02	0.22	0.02	0.09	0.01	0.00	0.02	0.01	0.01	0.04
DE0001R	PCB_28	precip_tot	0.47	1.10	0.08	0.08	0.55	0.13	0.84	0.02	0.01	0.02	0.02	0.01	0.27
DE0001R	PCB_52	precip_tot	0.28	0.62	0.07	0.06	0.57	0.10	0.39	0.02	0.01	0.04	0.02	0.01	0.18
DE0001R	aldrin	precip_tot	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
DE0001R	alpha_HCH	precip_tot	0.17	0.43	0.20	0.15	0.55	0.09	0.14	0.09	0.11	0.07	0.07	0.06	0.18
DE0001R	anthracene	precip_tot	0.91	3.07	1.71	1.26	10.65	2.66	13.01	0.84	0.53	1.66	1.90	1.07	3.29
DE0001R	benz_a_anthracene	precip_tot	1.61	2.14	4.41	5.87	1.62	0.70	7.38	1.03	0.96	6.01	6.11	1.26	3.27
DE0001R	benzo_a_pyrene	precip_tot	1.76	2.22	5.59	6.52	0.78	0.15	11.80	1.51	1.51	6.06	4.56	0.83	3.62
DE0001R	benzo_bjk_fluoranthenes	precip_tot	5.04	10.80	22.97	21.84	4.07	1.09	32.06	3.90	3.89	37.98	24.88	5.07	14.51
DE0001R	benzo_ghi_perylene	precip_tot	2.83	4.16	6.85	6.57	1.06	0.32	11.51	1.64	1.76	15.61	10.28	2.40	5.43
DE0001R	chrysene_triphenylene	precip_tot	3.85	6.61	14.81	17.96	5.02	1.58	34.40	3.40	3.14	19.87	17.86	4.80	11.16
DE0001R	dibenzo_ah_anthracene	precip_tot	0.58	0.84	1.47	1.28	0.20	0.04	2.40	0.35	0.33	2.64	1.87	0.41	1.04
DE0001R	dieldrin	precip_tot	0.07	0.01	0.01	0.04	0.09	0.01	0.05	0.04	0.03	0.03	0.01	0.05	0.04
DE0001R	endrin	precip_tot	0.00	0.01	0.01	0.00	0.03	0.01	0.04	0.00	0.00	0.01	0.01	0.00	0.01
DE0001R	fluoranthene	precip_tot	12.99	24.36	32.22	41.28	94.30	19.72	132.67	8.20	5.94	24.67	30.02	7.23	36.36
DE0001R	gamma_HCH	precip_tot	1.11	2.16	1.13	0.69	1.85	0.31	0.53	0.30	0.29	0.07	0.28	0.18	0.73
DE0001R	heptachlor	precip_tot	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
DE0001R	inden_123cd_pyrene	precip_tot	3.05	3.95	7.34	6.89	1.50	0.43	11.39	1.59	1.70	16.56	10.55	2.24	5.62
DE0001R	op_DDD	precip_tot	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
DE0001R	op_DDE	precip_tot	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
DE0001R	op_DDT	precip_tot	0.00	0.01	0.09	0.01	0.02	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01
DE0001R	phe-threne	precip_tot	24.29	59.33	38.65	69.04	446.58	88.95	123.59	9.29	5.48	20.92	30.57	10.31	77.71
DE0001R	pp_DDD	precip_tot	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00
DE0001R	pp_DDE	precip_tot	0.07	0.19	0.09	0.08	0.32	0.03	0.41	0.05	0.02	0.08	0.04	0.01	0.12
DE0001R	pp_DDT	precip_tot	0.00	0.01	0.00	0.11	0.02	0.00	0.02	0.06	0.02	0.00	0.00	0.00	0.02
DE0001R	pyrene	precip_tot	6.44	12.24	17.53	30.70	40.04	9.02	83.50	7.09	6.01	17.25	21.08	3.46	21.32
DE0002R	HCB	precip_tot	0.06	0.08	0.01	0.83	1.34	1.38	0.21	0.49	6.14	0.42	0.96	0.11	1.00
DE0002R	PCB_101	precip_tot	0.01	0.05	0.01	0.08	0.16	0.14	0.02	0.04	0.08	0.08	0.23	0.02	0.08
DE0002R	PCB_118	precip_tot	0.01	0.00	0.00	0.03	0.07	0.05	0.01	0.00	0.04	0.04	0.00	0.01	0.02
DE0002R	PCB_138	precip_tot	0.03	0.04	0.02	0.08	0.15	0.12	0.03	0.07	0.09	0.07	0.14	0.02	0.07
DE0002R	PCB_153	precip_tot	0.02	0.05	0.01	0.07	0.14	0.13	0.02	0.06	0.08	0.06	0.20	0.01	0.07
DE0002R	PCB_180	precip_tot	0.03	0.07	0.01	0.03	0.06	0.04	0.01	0.03	0.03	0.03	0.15	0.01	0.04
DE0002R	PCB_28	precip_tot	0.01	0.10	0.01	0.15	0.29	0.19	0.02	0.03	0.14	0.17	0.36	0.06	0.13
DE0002R	PCB_52	precip_tot	0.01	0.04	0.01	0.12	0.21	0.20	0.03	0.04	0.12	0.07	0.26	0.02	0.09
DE0002R	aldrin	precip_tot	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
DE0002R	alpha_HCH	precip_tot	0.10	0.02	0.08	0.25	0.50	0.27	0.14	0.14	0.15	0.08	0.08	0.07	0.16
DE0002R	anthracene	precip_tot	1.06	9.59	4.96	6.43	10.68	3.40	1.64	2.77	3.37	3.10	6.30	1.23	4.50
DE0002R	benz_a_anthracene	precip_tot	3.08	14.02	26.65	9.15	8.39	3.73	1.21	3.04	4.67	4.84	22.45	2.39	8.58

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0002R	benzo_a_pyrene	precip_tot	2.96	14.75	29.38	11.51	10.71	4.29	1.72	3.95	6.85	5.23	23.61	2.20	9.70
DE0002R	benzo_bjk_fluoranthenes	precip_tot	16.16	70.09	112.06	47.44	37.13	12.05	5.40	11.97	22.86	19.08	121.05	13.35	40.37
DE0002R	benzo_ghi_perylene	precip_tot	5.17	18.52	30.68	11.17	9.17	4.12	2.15	4.63	7.85	9.08	50.62	6.46	13.20
DE0002R	chrysene_triphenylene	precip_tot	10.33	44.93	63.59	24.80	21.58	9.65	4.58	9.59	16.58	12.77	56.60	8.77	23.44
DE0002R	dibenzo_ah_anthracene	precip_tot	0.98	3.04	6.99	2.30	1.53	0.79	0.41	0.90	1.63	1.28	8.32	1.02	2.42
DE0002R	dieldrin	precip_tot	0.08	0.04	0.00	0.13	0.20	0.01	0.04	0.07	0.09	0.08	0.03	0.05	0.07
DE0002R	endrin	precip_tot	0.00	0.03	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.02	0.00	0.01
DE0002R	fluoranthene	precip_tot	17.49	67.55	94.76	57.37	61.64	41.50	9.43	16.61	26.80	16.22	79.37	12.83	41.48
DE0002R	gamma_HCH	precip_tot	0.43	0.39	0.36	1.08	1.68	1.24	0.63	0.75	0.60	0.54	0.26	0.29	0.69
DE0002R	heptachlor	precip_tot	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
DE0002R	inden_123cd_pyrene	precip_tot	5.19	19.50	36.55	11.93	9.29	4.27	2.13	4.53	8.10	8.86	53.06	6.32	14.04
DE0002R	op_DDD	precip_tot	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.01	0.00	0.01
DE0002R	op_DDE	precip_tot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DE0002R	op_DDT	precip_tot	0.00	0.02	0.00	0.05	0.20	0.04	0.02	0.08	0.13	0.01	0.01	0.00	0.05
DE0002R	phe-threne	precip_tot	16.49	67.61	70.48	137.13	216.22	195.50	20.52	22.63	47.06	27.48	91.80	16.91	77.12
DE0002R	pp_DDD	precip_tot	0.03	0.13	0.02	0.01	0.11	0.00	0.03	0.07	0.10	0.00	0.01	0.00	0.04
DE0002R	pp_DDE	precip_tot	0.03	0.25	0.09	0.22	0.48	0.15	0.08	0.31	0.34	0.11	0.20	0.03	0.19
DE0002R	pp_DDT	precip_tot	0.19	0.82	0.12	0.28	0.93	0.12	0.12	0.38	0.46	0.17	0.18	0.03	0.31
DE0002R	pyrene	precip_tot	7.35	57.38	87.56	35.11	43.31	22.05	4.13	7.67	12.68	12.75	72.70	7.56	30.58
DE0003R	anthracene	precip_tot	0.24	0.80	0.64	1.49	2.39	1.41	1.37	0.60	0.72	2.44	0.71	0.46	1.11
DE0003R	benz_a_anthracene	precip_tot	1.91	2.31	2.28	3.22	1.59	1.00	0.50	0.74	0.86	2.94	2.21	2.05	1.80
DE0003R	benzo_a_pyrene	precip_tot	2.16	2.32	2.78	3.70	2.88	0.93	0.74	1.41	1.31	3.31	2.30	2.47	2.19
DE0003R	benzo_bjk_fluoranthenes	precip_tot	11.04	13.89	15.14	13.80	13.19	3.88	2.22	4.39	4.35	13.30	10.09	11.16	9.69
DE0003R	benzo_ghi_perylene	precip_tot	4.04	4.39	5.40	4.88	4.01	1.48	1.07	2.02	1.94	5.65	4.26	5.12	3.69
DE0003R	chrysene_triphenylene	precip_tot	7.09	9.67	9.92	10.19	6.42	2.75	1.87	3.86	3.26	10.32	7.02	7.72	6.66
DE0003R	dibenzo_ah_anthracene	precip_tot	0.60	0.63	0.55	0.71	0.66	0.22	0.14	0.33	0.31	1.46	0.67	0.76	0.59
DE0003R	fluoranthene	precip_tot	8.62	15.18	16.21	22.33	22.38	10.24	4.78	6.83	8.65	21.37	10.95	10.25	13.13
DE0003R	inden_123cd_pyrene	precip_tot	3.79	4.08	4.97	4.29	3.87	1.46	0.96	1.89	1.83	5.71	4.25	4.55	3.47
DE0003R	phe-threne	precip_tot	8.54	14.71	15.61	46.28	37.54	35.86	13.60	7.42	19.10	52.04	16.21	12.70	23.30
DE0003R	pyrene	precip_tot	6.95	11.53	12.16	13.68	9.57	5.20	2.40	3.04	4.69	12.05	9.89	7.36	8.18
DE0008R	anthracene	precip_tot	2.86	4.35	0.86	1.76	2.22	2.69	0.90	1.28	0.96	3.02	17.23	1.07	3.23
DE0008R	benz_a_anthracene	precip_tot	7.70	18.17	5.28	4.93	4.80	5.98	1.18	3.39	1.58	12.69	68.54	5.45	11.49
DE0008R	benzo_a_pyrene	precip_tot	7.87	20.99	5.78	7.22	14.07	7.32	1.48	3.89	2.18	12.94	110.98	5.59	16.49
DE0008R	benzo_bjk_fluoranthenes	precip_tot	41.07	129.67	29.77	28.16	32.92	21.44	4.38	13.36	6.00	56.67	321.58	33.36	58.91
DE0008R	benzo_ghi_perylene	precip_tot	14.68	43.33	11.46	8.50	9.03	6.67	1.98	5.53	2.86	20.55	103.34	15.58	19.99
DE0008R	chrysene_triphenylene	precip_tot	24.94	73.62	17.72	17.47	16.02	12.76	3.62	10.38	5.00	34.54	181.56	22.77	34.51
DE0008R	dibenzo_ah_anthracene	precip_tot	2.46	7.34	1.72	1.35	1.82	1.31	0.35	0.93	0.52	3.32	21.97	2.23	3.72
DE0008R	fluoranthene	precip_tot	46.18	111.48	32.72	30.96	34.69	30.47	7.71	18.78	10.63	71.44	239.19	35.97	55.15
DE0008R	inden_123cd_pyrene	precip_tot	15.52	45.46	10.93	7.96	9.16	6.17	1.77	5.49	2.61	20.44	137.80	15.52	22.88
DE0008R	phe-threne	precip_tot	44.40	94.21	31.12	79.85	36.92	73.52	12.90	26.58	16.55	135.68	228.57	42.90	68.05
DE0008R	pyrene	precip_tot	37.06	80.86	22.00	18.28	24.56	17.63	4.77	18.72	5.64	75.30	190.55	29.80	43.30
DE0009R	HCB	precip_tot	0.08	0.16	0.03	0.56	0.77	0.20	0.23	0.21	0.45	0.25	0.76	0.17	0.32

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0009R	PCB_101	precip_tot	0.03	0.02	0.00	0.10	0.13	0.06	0.02	0.02	0.04	0.05	0.10	0.04	0.05
DE0009R	PCB_118	precip_tot	0.00	0.00	0.00	0.04	0.05	0.03	0.01	0.01	0.01	0.02	0.05	0.01	0.02
DE0009R	PCB_138	precip_tot	0.03	0.05	0.01	0.09	0.10	0.07	0.03	0.03	0.04	0.05	0.09	0.02	0.05
DE0009R	PCB_153	precip_tot	0.05	0.02	0.00	0.08	0.09	0.06	0.04	0.02	0.04	0.05	0.09	0.03	0.05
DE0009R	PCB_180	precip_tot	0.04	0.03	0.01	0.04	0.04	0.03	0.01	0.01	0.02	0.03	0.03	0.01	0.03
DE0009R	PCB_28	precip_tot	0.04	0.05	0.01	0.17	0.22	0.09	0.04	0.01	0.02	0.05	0.14	0.04	0.07
DE0009R	PCB_52	precip_tot	0.03	0.02	0.01	0.08	0.12	0.05	0.03	0.02	0.04	0.05	0.13	0.05	0.05
DE0009R	aldrin	precip_tot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
DE0009R	alpha_HCH	precip_tot	0.09	0.09	0.06	0.11	0.15	0.06	0.13	0.11	0.17	0.09	0.01	0.09	0.10
DE0009R	anthracene	precip_tot	1.21	4.80	2.14	3.14	4.36	5.24	1.59	1.33	2.35	2.03	6.04	1.21	2.93
DE0009R	benz_a_anthracene	precip_tot	8.64	17.35	11.51	4.30	9.98	3.33	3.39	4.50	7.10	5.83	9.60	3.22	7.34
DE0009R	benzo_a_pyrene	precip_tot	8.15	20.32	13.09	5.30	15.37	4.72	4.83	5.89	5.97	4.61	8.56	2.81	8.24
DE0009R	benzo_bjk_fluoranthenes	precip_tot	40.82	118.80	59.80	18.41	43.18	12.58	12.97	17.59	18.16	15.48	29.44	19.67	33.39
DE0009R	benzo_ghi_perylene	precip_tot	12.63	33.56	17.29	6.09	13.95	4.43	5.51	6.66	6.28	6.00	10.87	6.02	10.64
DE0009R	chrysene_triphenylene	precip_tot	23.70	61.35	34.78	12.10	25.29	8.49	9.12	11.83	13.42	9.88	23.24	13.26	20.29
DE0009R	dibenzo_ah_anthracene	precip_tot	2.29	6.39	3.50	1.06	2.56	0.85	0.96	1.32	1.32	1.01	2.30	1.20	2.04
DE0009R	dieldrin	precip_tot	0.01	0.02	0.02	0.03	0.02	0.01	0.01	0.03	0.05	0.04	0.02	0.04	0.02
DE0009R	endrin	precip_tot	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.00	0.01
DE0009R	fluoranthene	precip_tot	34.76	78.79	60.49	30.18	52.02	18.61	15.55	16.10	18.44	20.04	52.10	22.53	34.69
DE0009R	gamma_HCH	precip_tot	0.28	0.20	0.25	0.62	0.91	0.38	0.35	0.68	0.44	0.30	0.57	0.49	0.46
DE0009R	heptachlor	precip_tot	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
DE0009R	inden_123cd_pyrene	precip_tot	12.66	36.81	18.89	6.03	13.38	4.20	5.42	6.74	6.21	5.80	12.17	7.18	11.14
DE0009R	op_DDD	precip_tot	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.04	0.02	0.01	0.00	0.01
DE0009R	op_DDE	precip_tot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
DE0009R	op_DDT	precip_tot	0.09	0.13	0.03	0.06	0.11	0.11	0.07	0.07	0.24	0.07	0.14	0.03	0.10
DE0009R	phe-threne	precip_tot	26.68	59.76	44.55	86.28	105.09	55.62	17.04	19.62	23.78	27.25	85.56	34.69	48.61
DE0009R	pp_DDD	precip_tot	0.33	0.09	0.02	0.01	0.10	0.08	0.09	0.08	0.21	0.04	0.13	0.02	0.10
DE0009R	pp_DDE	precip_tot	0.09	0.22	0.08	0.21	0.36	0.80	0.28	0.19	0.55	0.15	0.41	0.09	0.28
DE0009R	pp_DDT	precip_tot	1.68	0.49	0.17	0.28	1.14	0.54	0.37	0.39	1.10	0.22	0.90	0.12	0.62
DE0009R	pyrene	precip_tot	23.22	45.80	44.15	15.89	30.22	10.60	10.83	11.57	11.26	16.12	36.74	15.50	22.52
ES0001R	acenaphthene	precip+dry_dep	-	0.000	-	1.480	-	0.000	-	-	-	0.000	-	-	0.373
ES0001R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	benz_a_anthracene	precip+dry_dep	-	0.420	-	0.000	-	0.000	-	-	-	0.000	-	-	0.099
ES0001R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	chrysene	precip+dry_dep	-	0.980	-	0.000	-	0.000	-	-	-	0.000	-	-	0.230
ES0001R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	fluoranthene	precip+dry_dep	-	0.890	-	0.000	-	0.000	-	-	-	0.000	-	-	0.209
ES0001R	fluorene	precip+dry_dep	-	0.790	-	0.910	-	0.000	-	-	-	0.000	-	-	0.415
ES0001R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0001R	naphthalene	precip+dry_dep	-	0.000	-	0.860	-	0.510	-	-	-	0.000	-	-	0.346
ES0001R	phe-threne	precip+dry_dep	-	1.740	-	0.650	-	0.270	-	-	-	0.000	-	-	0.641

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
ES0001R	pyrene	precip+dry_dep	-	5.180	-	1.230	-	0.000	-	-	-	0.000	-	-	1.526
ES0007R	acenaphthene	precip+dry_dep	-	0.000	-	2.420	-	0.000	-	-	-	0.000	-	-	0.610
ES0007R	acenaphthylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0007R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0007R	benz_a_anthracene	precip+dry_dep	-	0.430	-	0.610	-	0.000	-	-	-	0.000	-	-	0.255
ES0007R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	1.300	-	0.000	-	-	-	0.000	-	-	0.328
ES0007R	benzo_ghi_perylene	precip+dry_dep	-	0.910	-	0.000	-	0.000	-	-	-	0.000	-	-	0.214
ES0007R	benzo_k_fluoranthene	precip+dry_dep	-	0.850	-	0.000	-	0.000	-	-	-	0.000	-	-	0.200
ES0007R	chrysene	precip+dry_dep	-	2.280	-	1.950	-	0.000	-	-	-	0.000	-	-	1.027
ES0007R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0007R	fluoranthene	precip+dry_dep	-	2.050	-	3.490	-	0.000	-	-	-	0.000	-	-	1.361
ES0007R	fluorene	precip+dry_dep	-	0.910	-	2.640	-	0.000	-	-	-	0.000	-	-	0.879
ES0007R	inden_123cd_pyrene	precip+dry_dep	-	0.960	-	0.000	-	0.000	-	-	-	0.000	-	-	0.225
ES0007R	naphthalene	precip+dry_dep	-	0.000	-	0.630	-	0.070	-	-	-	0.000	-	-	0.177
ES0007R	phe-threne	precip+dry_dep	-	2.050	-	1.880	-	0.000	-	-	-	0.000	-	-	0.955
ES0007R	pyrene	precip+dry_dep	-	3.290	-	2.640	-	0.000	-	-	-	0.000	-	-	1.438
ES0008R	acenaphthene	precip+dry_dep	-	2.220	-	-	-	0.000	0.960	-	-	0.000	-	-	0.765
ES0008R	acenaphthylene	precip+dry_dep	-	0.000	-	-	-	0.000	0.000	-	-	0.000	-	-	0.000
ES0008R	anthracene	precip+dry_dep	-	0.000	-	-	-	0.690	0.000	-	-	0.000	-	-	0.173
ES0008R	benz_a_anthracene	precip+dry_dep	-	0.890	-	-	-	0.000	0.290	-	-	0.000	-	-	0.282
ES0008R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	-	-	0.000	0.750	-	-	0.000	-	-	0.194
ES0008R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	-	-	0.000	0.000	-	-	0.000	-	-	0.000
ES0008R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	-	-	0.000	0.450	-	-	0.000	-	-	0.116
ES0008R	chrysene	precip+dry_dep	-	3.350	-	-	-	0.000	0.580	-	-	0.000	-	-	0.930
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	-	-	0.000	0.000	-	-	0.000	-	-	0.000
ES0008R	fluoranthene	precip+dry_dep	-	2.850	-	-	-	0.000	0.330	-	-	3.220	-	-	1.582
ES0008R	fluorene	precip+dry_dep	-	5.790	-	-	-	29.090	1.230	-	-	6.720	-	-	10.676
ES0008R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	-	-	0.000	0.940	-	-	0.000	-	-	0.243
ES0008R	naphthalene	precip+dry_dep	-	0.000	-	-	-	0.650	8.330	-	-	0.000	-	-	2.317
ES0008R	phe-threne	precip+dry_dep	-	7.730	-	-	-	0.460	1.010	-	-	0.000	-	-	2.175
ES0008R	pyrene	precip+dry_dep	-	3.070	-	-	-	0.000	0.460	-	-	2.320	-	-	1.434
ES0012R	acenaphthene	precip+dry_dep	-	0.000	-	1.300	-	0.000	-	-	-	-	-	0.000	0.328
ES0012R	acenaphthylene	precip+dry_dep	-	0.000	-	0.290	-	0.000	-	-	-	-	-	0.000	0.073
ES0012R	anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.000	0.000
ES0012R	benz_a_anthracene	precip+dry_dep	-	0.000	-	0.340	-	0.000	-	-	-	-	-	0.000	0.086
ES0012R	benzo_a_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.000	0.000
ES0012R	benzo_ghi_perylene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.000	0.000
ES0012R	benzo_k_fluoranthene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.550	0.144
ES0012R	chrysene	precip+dry_dep	-	0.000	-	0.570	-	0.000	-	-	-	-	-	0.000	0.144
ES0012R	dibenzo_ah_anthracene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.000	0.000
ES0012R	fluoranthene	precip+dry_dep	-	0.000	-	0.480	-	0.000	-	-	-	-	-	0.000	0.121
ES0012R	fluorene	precip+dry_dep	-	0.000	-	1.330	-	1.750	-	-	-	-	-	0.000	0.777
ES0012R	inden_123cd_pyrene	precip+dry_dep	-	0.000	-	0.000	-	0.000	-	-	-	-	-	0.000	0.000
ES0012R	naphthalene	precip+dry_dep	-	0.000	-	0.200	-	1.500	-	-	-	-	-	1.190	0.739
ES0012R	phe-threne	precip+dry_dep	-	0.000	-	0.950	-	1.520	-	-	-	-	-	0.340	0.712

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
ES0012R	pyrene	precip+dry_dep	-	0.000	-	0.680	-	0.000	-	-	-	-	-	0.000	0.172
ES0014R	acenaphthene	precip+dry_dep	3.28	1.420	-	13.530	-	0.340	-	-	-	0.000	-	-	3.830
ES0014R	acenaphthylene	precip+dry_dep	0.00	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0014R	anthracene	precip+dry_dep	0.00	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0014R	benz_a_anthracene	precip+dry_dep	0.00	0.000	-	0.000	-	0.070	-	-	-	8.610	-	-	2.258
ES0014R	benzo_a_pyrene	precip+dry_dep	0.00	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0014R	benzo_ghi_perylene	precip+dry_dep	0.68	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.002
ES0014R	benzo_k_fluoranthene	precip+dry_dep	0.00	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.000
ES0014R	chrysene	precip+dry_dep	0.27	0.480	-	0.570	-	0.060	-	-	-	12.410	-	-	3.501
ES0014R	dibenzo_ah_anthracene	precip+dry_dep	1.30	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.003
ES0014R	fluoranthene	precip+dry_dep	0.17	0.400	-	0.830	-	0.000	-	-	-	23.400	-	-	6.392
ES0014R	fluorene	precip+dry_dep	6.02	5.610	-	86.970	-	1.390	-	-	-	0.000	-	-	23.555
ES0014R	inden_123cd_pyrene	precip+dry_dep	0.69	0.000	-	0.000	-	0.000	-	-	-	0.000	-	-	0.002
ES0014R	naphthalene	precip+dry_dep	0.25	0.000	-	0.480	-	0.030	-	-	-	0.000	-	-	0.129
ES0014R	phe-threne	precip+dry_dep	0.87	2.750	-	62.120	-	0.060	-	-	-	0.000	-	-	16.287
ES0014R	pyrene	precip+dry_dep	0.00	0.860	-	0.880	-	0.000	-	-	-	25.690	-	-	7.108
FI0018R	acenaphthene	precip+dry_dep	4.11	4.92	16.73	13.19	6.01	2.47	2.41	2.06	2.69	2.59	3.61	3.63	5.53
FI0018R	acenaphthylene	precip+dry_dep	11.03	3.33	1.06	0.69	0.54	0.63	0.62	0.53	0.70	0.67	2.33	2.35	2.01
FI0018R	anthracene	precip+dry_dep	11.89	0.60	0.83	0.68	0.20	0.23	0.85	1.07	0.26	1.42	1.68	1.68	1.82
FI0018R	benz_a_anthracene	precip+dry_dep	75.71	18.61	4.49	2.52	0.54	3.48	1.51	1.38	2.41	4.77	14.65	14.76	11.84
FI0018R	benzo_a_pyrene	precip+dry_dep	65.65	13.18	4.77	3.56	2.66	1.24	2.66	2.57	3.72	5.76	14.47	14.57	10.98
FI0018R	benzo_bjk_fluoranthenes	precip+dry_dep	281.79	59.71	17.70	10.33	2.55	3.06	5.21	4.69	9.72	18.56	70.21	70.79	44.09
FI0018R	benzo_ghi_perylene	precip+dry_dep	89.47	19.44	8.58	5.52	1.42	1.99	5.45	6.60	4.46	8.59	29.99	30.23	16.56
FI0018R	chrysene_triphenylene	precip+dry_dep	177.11	42.69	14.15	7.26	1.54	7.15	3.49	4.10	7.17	12.33	39.87	40.18	28.85
FI0018R	dibenzo_ac_ah_anthracenes	precip+dry_dep	12.70	2.92	0.96	0.72	0.76	0.24	0.35	0.35	0.49	0.83	3.19	3.21	2.14
FI0018R	fluoranthene	precip+dry_dep	261.89	84.41	31.18	16.83	3.61	4.73	6.79	6.14	11.94	16.27	53.91	54.34	45.18
FI0018R	fluorene	precip+dry_dep	18.16	8.08	6.46	4.30	3.36	3.91	3.89	3.32	4.34	4.18	25.80	26.04	7.80
FI0018R	inden_123cd_pyrene	precip+dry_dep	101.90	24.15	7.23	3.83	0.12	0.99	1.46	1.50	3.36	7.44	32.49	32.78	16.80
FI0018R	naphthalene	precip+dry_dep	19.49	10.53	8.46	5.63	4.40	5.13	5.09	4.35	5.68	5.48	7.64	7.66	7.43
FI0018R	phe-threne	precip+dry_dep	173.58	77.16	32.83	17.59	2.00	13.16	8.23	16.46	8.86	30.68	71.10	71.56	40.93
FI0018R	pyrene	precip+dry_dep	208.35	61.13	39.63	25.00	9.59	12.75	15.54	12.82	12.99	18.31	44.18	44.48	41.89
FI0036R	BDE_100	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	BDE_47	precip+dry_dep	0.07	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.05	0.05	0.02
FI0036R	BDE_99	precip+dry_dep	0.05	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.04	0.05	0.02
FI0036R	HCB	precip+dry_dep	0.05	0.09	0.07	0.05	0.09	0.08	0.05	0.09	0.07	0.05	0.09	0.08	0.07
FI0036R	PCB_101	precip+dry_dep	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.01
FI0036R	PCB_118	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	PCB_138	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	PCB_153	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	PCB_180	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	PCB_28	precip+dry_dep	0.02	0.04	0.08	0.01	0.02	0.02	0.02	0.05	0.08	0.01	0.02	0.02	0.03
FI0036R	PCB_52	precip+dry_dep	0.03	0.02	0.07	0.06	0.14	0.15	0.03	0.03	0.07	0.07	0.14	0.15	0.08
FI0036R	alpha_HCH	precip+dry_dep	0.01	0.01	0.01	0.02	0.01	0.05	0.08	0.13	0.11	0.06	0.06	0.06	0.05

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
FI0036R	anthracene	precip+dry_dep	7.83	0.78	0.73	0.45	0.05	0.05	0.05	0.18	0.25	0.19	0.95	0.65	1.10
FI0036R	benz_a_anthracene	precip+dry_dep	5.74	1.64	-	-	-	-	-	-	-	6.54	6.54	6.54	4.87
FI0036R	benzo_a_pyrene	precip+dry_dep	10.16	6.68	0.37	0.49	0.24	0.24	0.39	1.21	1.18	1.70	7.41	3.74	2.99
FI0036R	benzo_b_fluoranthene	precip+dry_dep	12.06	4.23	0.88	0.86	0.30	0.44	0.61	1.56	1.25	2.64	12.59	5.58	3.82
FI0036R	benzo_ghi_perylene	precip+dry_dep	8.14	2.68	0.50	0.43	0.20	0.25	0.27	0.83	0.87	1.84	9.07	3.51	2.54
FI0036R	benzo_k_fluoranthene	precip+dry_dep	4.82	1.56	0.31	0.27	0.10	0.14	0.15	0.64	0.50	1.04	4.79	2.13	1.46
FI0036R	chrysene	precip+dry_dep	16.77	-	-	-	-	-	-	-	-	-	-	-	16.77
FI0036R	dibenzo_ah_anthracene	precip+dry_dep	1.29	0.63	0.28	0.25	0.10	0.13	0.21	0.56	0.38	0.40	1.49	0.57	0.55
FI0036R	fluoranthene	precip+dry_dep	37.92	9.07	3.32	2.37	0.84	1.17	1.06	4.66	3.76	4.37	17.88	13.27	8.87
FI0036R	gamma_HCH	precip+dry_dep	0.01	0.02	0.02	0.05	0.03	0.04	0.07	0.21	0.12	0.09	0.08	0.07	0.07
FI0036R	inden_123cd_pyrene	precip+dry_dep	8.50	2.93	0.63	0.32	0.40	0.27	0.20	1.05	1.00	2.27	9.97	3.77	2.78
FI0036R	phe-threne	precip+dry_dep	58.90	17.84	14.04	10.05	2.11	2.02	3.08	10.58	15.00	4.96	15.22	11.11	14.57
FI0036R	pp_DDD	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06	0.01	0.01	0.01
FI0036R	pp_DDE	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.02	0.01
FI0036R	pp_DDT	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FI0036R	pyrene	precip+dry_dep	27.83	6.24	1.90	1.04	0.25	0.46	0.54	2.62	2.01	2.88	13.53	10.29	6.22
FI0050R	acenaphthene	precip+dry_dep	9.23	9.88	68.79	105.97	96.24	47.42	7.07	7.08	6.64	6.83	8.79	8.81	34.09
FI0050R	acenaphthylene	precip+dry_dep	1.98	0.90	1.86	2.38	1.48	1.50	1.39	1.49	1.39	1.43	1.85	1.85	1.61
FI0050R	anthracene	precip+dry_dep	1.48	2.09	1.42	1.81	1.12	1.13	1.06	1.13	1.06	1.09	1.40	1.40	1.34
FI0050R	benz_a_anthracene	precip+dry_dep	11.02	1.73	2.08	2.73	0.48	1.20	0.48	1.10	1.51	2.72	6.77	6.82	2.91
FI0050R	benzo_a_pyrene	precip+dry_dep	7.63	1.35	2.01	3.37	0.52	1.27	0.70	1.47	1.69	2.26	5.26	5.30	2.51
FI0050R	benzo_bjk_fluoranthenes	precip+dry_dep	31.75	6.98	8.43	9.96	2.71	3.86	2.04	3.40	5.34	10.12	29.04	29.26	10.36
FI0050R	benzo_ghi_perylene	precip+dry_dep	9.97	2.34	3.38	5.83	1.55	1.69	3.32	3.95	2.27	4.18	10.80	10.88	4.50
FI0050R	chrysene_triphenylene	precip+dry_dep	23.52	4.79	6.67	6.74	2.66	3.48	1.34	2.98	3.65	5.61	15.93	16.05	7.06
FI0050R	dibenzo_ac_ah_anthracenes	precip+dry_dep	1.56	0.34	0.53	0.61	1.94	0.42	0.40	0.49	0.27	0.39	1.36	1.37	0.80
FI0050R	fluoranthene	precip+dry_dep	45.45	13.76	19.77	21.80	7.04	7.70	4.54	8.29	10.78	11.61	22.42	22.54	15.77
FI0050R	fluorene	precip+dry_dep	9.28	4.29	8.84	11.35	7.05	7.12	6.64	7.08	6.64	6.83	8.79	8.81	7.65
FI0050R	inden_123cd_pyrene	precip+dry_dep	13.52	2.88	3.17	4.24	0.23	0.94	0.60	1.19	1.80	3.98	15.29	15.42	4.36
FI0050R	naphthalene	precip+dry_dep	15.07	6.91	14.25	18.30	11.37	11.48	10.71	11.42	10.71	11.01	14.17	14.21	12.34
FI0050R	phe-threne	precip+dry_dep	35.05	17.46	23.73	47.54	31.89	26.86	29.57	45.68	48.38	50.55	57.63	57.71	37.78
FI0050R	pyrene	precip+dry_dep	31.61	11.48	13.21	16.84	11.76	13.75	7.23	11.61	9.10	8.90	16.07	16.15	13.80
FR0008R	benz_a_anthracene	precip	3.29	3.17	1.22	0.89	0.43	0.66	3.52	1.87	1.46	4.69	4.04	1.14	1.85
FR0008R	precipitation_amount	precip	4.90	84.29	89.63	77.10	120.52	133.80	31.24	46.25	57.91	45.54	109.39	217.38	1017.96
FR0008R	benzo_a_pyrene	precip	2.45	2.45	2.39	1.63	0.66	1.12	8.67	5.25	3.16	8.22	6.57	2.32	3.19
FR0008R	benzo_b_fluoranthene	precip	9.68	9.44	5.02	2.86	1.90	2.37	12.60	8.11	5.96	20.18	14.66	5.16	7.04
FR0008R	benzo_k_fluoranthene	precip	3.40	3.31	1.86	1.22	1.11	1.33	5.12	3.30	2.07	7.73	5.77	1.91	2.77
FR0008R	dibenzo_ah_anthracene	precip	1.50	1.42	0.24	0.57	0.23	0.36	1.90	1.18	0.98	2.77	2.18	1.03	1.06
FR0008R	inden_123cd_pyrene	precip	6.76	6.61	3.97	2.50	1.51	1.92	10.58	7.38	4.17	11.81	10.45	4.19	5.24
FR0009R	benz_a_anthracene	precip	1.43	1.87	2.44	2.03	1.08	2.02	7.54	3.76	2.78	3.67	2.12	1.57	2.23
FR0009R	precipitation_amount	precip	179.08	56.05	72.69	69.76	83.13	81.38	27.51	37.35	51.14	74.78	173.37	156.52	1062.76
FR0009R	benzo_a_pyrene	precip	1.87	3.58	4.65	4.08	2.90	4.54	14.73	7.72	5.19	6.13	2.89	2.12	3.82
FR0009R	benzo_b_fluoranthene	precip	6.75	9.32	9.77	7.29	3.98	6.27	20.49	10.84	7.90	12.15	7.04	5.24	7.80

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
FR0009R	benzo_k_fluoranthene	precip	2.46	3.54	3.73	2.92	1.62	2.54	8.38	4.71	3.38	4.86	2.83	2.05	3.08
FR0009R	dibenzo_ah_anthracene	precip	1.18	1.10	0.77	1.32	1.14	1.50	3.46	1.85	1.35	2.02	1.15	0.96	1.30
FR0009R	inden_123cd_pyrene	precip	4.86	8.15	7.55	4.98	5.03	6.50	15.88	8.59	6.04	9.24	5.10	3.86	6.09
FR0013R	benz_a_anthracene	precip	0.40	0.69	0.27	0.29	0.06	0.14	0.40	0.42	1.60	1.31	1.03	0.93	0.54
FR0013R	precipitation_amount	precip	105.63	86.19	108.44	92.34	104.47	106.16	43.30	32.85	31.54	67.51	40.52	52.75	871.71
FR0013R	benzo_a_pyrene	precip	0.80	1.39	0.21	0.53	0.12	0.30	1.23	1.26	2.85	2.02	1.36	1.23	0.93
FR0013R	benzo_b_fluoranthene	precip	2.06	3.37	1.14	1.12	1.26	1.34	1.94	2.23	5.62	4.05	3.07	4.05	2.34
FR0013R	benzo_k_fluoranthene	precip	0.75	1.34	0.37	0.55	0.12	0.16	0.41	0.54	2.10	1.52	0.80	1.24	0.75
FR0013R	dibenzo_ah_anthracene	precip	0.20	0.60	0.16	0.18	0.12	0.16	0.41	0.54	0.97	0.76	0.59	0.32	0.36
FR0013R	inden_123cd_pyrene	precip	1.53	3.46	0.92	0.76	0.41	0.59	1.97	2.12	3.91	3.40	2.18	2.53	1.79
FR0023R	benz_a_anthracene	precip	1.22	2.50	0.23	0.47	0.09	0.16	0.64	0.49	0.97	0.45	0.40	0.44	0.58
FR0023R	precipitation_amount	precip	165.60	56.39	174.52	108.03	191.02	124.11	54.51	45.16	25.34	174.80	210.31	81.26	1411.04
FR0023R	benzo_a_pyrene	precip	2.18	1.49	0.42	0.81	0.40	0.53	1.20	1.38	3.34	0.61	0.52	0.51	0.92
FR0023R	benzo_b_fluoranthene	precip	5.59	5.49	1.09	1.47	0.77	1.08	2.46	2.06	3.65	1.25	1.22	1.05	2.09
FR0023R	benzo_k_fluoranthene	precip	2.51	2.36	0.36	0.53	0.40	0.49	0.96	0.99	1.45	0.49	0.49	0.40	0.88
FR0023R	dibenzo_ah_anthracene	precip	1.18	0.93	0.23	0.20	0.26	0.31	0.33	0.25	0.42	0.19	0.32	0.22	0.41
FR0023R	inden_123cd_pyrene	precip	4.01	4.81	0.89	1.05	1.01	1.12	1.86	1.96	3.51	0.93	1.02	0.88	1.68
FR0024R	benz_a_anthracene	precip	1.38	1.40	1.13	1.14	0.66	0.95	1.91	2.83	4.87	12.91	1.57	1.08	2.12
FR0024R	precipitation_amount	precip	57.27	55.06	84.15	56.21	60.12	96.40	45.91	39.78	67.02	30.27	114.40	71.58	778.16
FR0024R	benzo_a_pyrene	precip	1.37	2.00	1.75	1.36	1.52	1.87	3.35	4.92	9.65	23.76	2.50	1.24	3.63
FR0024R	benzo_b_fluoranthene	precip	4.05	4.09	3.73	2.38	2.17	2.76	5.23	6.54	10.86	27.99	3.34	2.45	5.15
FR0024R	benzo_k_fluoranthene	precip	1.55	1.47	1.37	1.36	0.94	1.23	2.32	2.89	4.65	12.11	1.33	0.86	2.15
FR0024R	dibenzo_ah_anthracene	precip	0.37	0.69	0.50	0.60	0.60	0.72	1.12	1.30	1.88	4.66	0.54	0.29	0.90
FR0024R	inden_123cd_pyrene	precip	2.41	3.62	2.86	1.66	2.02	2.44	4.37	5.68	8.67	22.53	2.36	1.51	4.04
FR0025R	benz_a_anthracene	precip	0.59	1.48	0.65	0.69	0.28	0.93	2.46	2.85	3.94	4.17	1.54	0.85	1.36
FR0025R	precipitation_amount	precip	139.57	75.63	77.76	78.29	79.74	78.31	46.15	27.72	18.82	48.30	68.24	56.50	795.03
FR0025R	benzo_a_pyrene	precip	0.58	2.35	0.92	0.79	0.51	1.42	4.20	6.08	7.52	6.16	2.76	1.27	2.16
FR0025R	benzo_b_fluoranthene	precip	1.52	6.35	2.38	2.35	1.42	2.53	6.13	10.55	11.72	11.16	4.43	2.49	4.18
FR0025R	benzo_k_fluoranthene	precip	0.59	2.24	0.86	1.03	0.43	0.98	2.74	4.39	4.88	4.62	1.66	0.91	1.65
FR0025R	dibenzo_ah_anthracene	precip	0.17	1.30	0.52	0.48	0.20	0.47	1.49	2.49	1.85	1.85	0.83	0.36	0.79
FR0025R	inden_123cd_pyrene	precip	1.21	6.23	1.73	1.28	0.83	1.79	6.33	11.16	9.72	8.67	3.15	1.70	3.48
GB0048R	1-methylnaphthalene	wetdep	185.93	92.50	86.99	45.00	420.24	1184.66	579.68	732.80	727.92	444.27	420.00	299.91	436.06
GB0048R	1-methylphe-threne	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	2-methylanthracene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	2-methylnaphthalene	wetdep	294.25	92.50	145.54	763.76	1949.23	2246.99	1135.54	1321.38	1274.44	767.31	740.00	499.83	939.32
GB0048R	2-methylphe-threne	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	9-methylphe-threne	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	acenaphthene	wetdep	299.92	92.50	86.99	202.07	765.38	507.07	373.67	45.00	45.00	229.59	255.05	72.74	249.14
GB0048R	acenaphthylene	wetdep	775.53	110.51	740.89	45.00	115.62	209.98	45.00	170.77	134.27	45.00	45.00	45.00	208.75
GB0048R	anthanthrene	wetdep	92.69	92.50	86.99	45.00	93.46	158.22	45.00	45.00	45.00	139.04	242.81	75.58	96.53

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
GB0048R	anthracene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	benz_a_anthracene	wetdep	92.69	92.50	86.99	45.00	87.92	145.28	45.00	45.00	45.00	45.00	45.00	45.00	68.15
GB0048R	benzo_a_pyrene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	benzo_b_fluoranthene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	benzo_e_pyrene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	benzo_ghi_perylene	wetdep	92.69	92.50	86.99	45.00	104.54	184.10	45.00	45.00	45.00	45.00	45.00	45.00	72.75
GB0048R	benzo_k_fluoranthene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	biphenyl	wetdep	155.75	92.50	86.99	166.75	783.08	830.56	388.55	519.71	513.34	350.00	334.30	235.65	372.74
GB0048R	chrysene	wetdep	92.69	92.50	86.99	45.00	99.00	171.16	45.00	45.00	45.00	45.00	45.00	45.00	71.22
GB0048R	coronene	wetdep	92.69	92.50	86.99	45.00	70.62	170.15	148.94	45.00	45.00	45.00	45.00	45.00	77.55
GB0048R	cyclopenta_cd_pyrene	wetdep	92.69	92.50	86.99	45.00	87.92	145.28	45.00	45.00	45.00	45.00	45.00	45.00	68.15
GB0048R	dibenzo_ae_pyrene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	dibenzo_ah_anthracene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	dibenzo_ah_pyrene	wetdep	92.69	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	56.26
GB0048R	dibenzo_ai_pyrene	wetdep	92.69	92.50	86.99	45.00	70.62	170.15	148.94	45.00	45.00	45.00	45.00	45.00	77.55
GB0048R	fluoranthene	wetdep	92.69	92.50	86.99	84.96	271.08	271.76	143.32	45.00	45.00	45.00	45.00	45.00	105.74
GB0048R	fluorene	wetdep	409.71	92.50	111.92	378.96	880.62	854.71	602.04	391.26	391.17	439.31	484.30	291.29	445.96
GB0048R	inden_123cd_pyrene	wetdep	92.69	92.50	86.99	45.00	93.46	158.22	45.00	45.00	45.00	45.00	45.00	45.00	69.68
GB0048R	naphthalene	wetdep	660.73	92.50	114.24	506.77	1749.23	2258.80	1325.22	909.56	884.51	678.76	660.75	426.98	859.51
GB0048R	perylene	wetdep	92.69	92.50	86.99	45.00	45.00	113.84	154.56	45.00	45.00	139.04	74.02	45.00	81.60
GB0048R	phe-threne	wetdep	647.94	431.09	444.95	556.84	1338.46	1332.87	524.17	537.32	482.95	552.01	702.81	162.46	643.18
GB0048R	pyrene	wetdep	92.69	92.50	86.99	84.96	315.39	396.46	177.03	45.00	45.00	45.00	45.00	45.00	122.61
GB0048R	retene	wetdep	137.69	137.50	130.80	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	86.09
GB1055R	1-methylnaphthalene	wetdep	147.79	92.50	86.99	45.00	503.31	1339.74	595.70	419.97	393.23	309.36	440.17	272.26	387.76
GB1055R	1-methylphe-threne	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	2-methylanthracene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	2-methylnaphthalene	wetdep	213.73	92.50	169.88	761.86	1526.01	2695.53	1077.63	765.27	673.23	520.21	745.50	455.48	809.45
GB1055R	2-methylphe-threne	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	9-methylphe-threne	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	acenaphthene	wetdep	92.70	92.50	111.92	273.01	446.31	694.04	419.55	117.30	45.00	45.00	189.92	68.87	216.44
GB1055R	acenaphthylene	wetdep	92.70	92.50	86.99	45.00	140.54	316.55	121.00	45.00	45.00	45.00	46.96	45.32	93.34
GB1055R	anthanthrene	wetdep	92.70	92.50	86.99	45.00	104.54	184.80	45.00	45.00	45.00	179.84	89.21	45.32	87.92
GB1055R	anthracene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	benz_a_anthracene	wetdep	92.70	92.50	86.99	45.00	140.54	316.55	121.00	45.00	45.00	45.00	46.96	45.32	93.34
GB1055R	benzo_a_pyrene	wetdep	92.70	92.50	86.99	45.00	82.39	132.78	45.00	45.00	45.00	45.00	46.96	45.32	66.84
GB1055R	benzo_b_fluoranthene	wetdep	92.70	92.50	86.99	45.00	82.39	132.78	45.00	45.00	45.00	45.00	46.96	45.32	66.84
GB1055R	benzo_e_pyrene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	benzo_ghi_perylene	wetdep	92.70	92.50	86.99	45.00	112.85	204.31	45.00	45.00	45.00	45.00	46.96	45.32	75.31
GB1055R	benzo_k_fluoranthene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	biphenyl	wetdep	129.29	92.50	117.71	317.44	640.77	1053.73	375.04	292.65	247.65	240.00	318.33	83.06	325.86
GB1055R	chrysene	wetdep	92.70	92.50	86.99	45.00	118.39	217.31	45.00	45.00	45.00	45.00	46.96	45.32	76.85
GB1055R	coronene	wetdep	92.70	92.50	86.99	45.00	70.62	169.85	149.15	45.00	45.00	45.00	46.96	45.32	77.73
GB1055R	cyclopenta_cd_pyrene	wetdep	92.70	92.50	86.99	45.00	82.39	132.78	45.00	45.00	45.00	45.00	46.96	45.32	66.84
GB1055R	dibenzo_ae_pyrene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
GB1055R	dibenzo_ah_anthracene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	dibenzo_ah_pyrene	wetdep	92.70	92.50	86.99	45.00	45.00	45.00	45.00	45.00	45.00	45.00	46.96	45.32	56.45
GB1055R	dibenzo_ai_pyrene	wetdep	92.70	92.50	86.99	45.00	70.62	169.85	149.15	45.00	45.00	45.00	46.96	45.32	77.73
GB1055R	fluoranthene	wetdep	92.70	92.50	86.99	70.09	263.08	434.53	216.70	45.00	45.00	45.00	46.96	45.32	123.63
GB1055R	fluorene	wetdep	102.03	350.79	124.67	390.45	707.08	1135.61	650.81	393.32	252.67	262.98	417.50	267.10	420.43
GB1055R	inden_123cd_pyrene	wetdep	92.70	92.50	86.99	45.00	93.46	158.79	45.00	45.00	45.00	45.00	46.96	45.32	69.92
GB1055R	naphthalene	wetdep	387.05	528.58	454.71	618.78	1579.09	2775.35	1301.76	542.62	427.65	489.15	747.17	400.65	853.90
GB1055R	perylene	wetdep	92.70	92.50	86.99	45.00	82.39	200.99	154.77	45.00	45.00	45.00	46.96	45.32	81.77
GB1055R	phe-threne	wetdep	614.01	513.52	569.54	743.53	944.31	1545.30	621.33	509.33	234.47	325.86	518.33	128.47	604.73
GB1055R	pyrene	wetdep	92.70	92.50	86.99	45.00	215.31	565.56	239.22	45.00	45.00	45.00	46.96	45.32	130.20
GB1055R	retene	wetdep	138.82	137.50	130.80	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	67.82	86.00
IS0091R	BDE_100	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	precipitation_amount	precip	64.07	62.01	19.26	32.35	73.50	37.07	46.11	50.21	58.42	94.50	50.96	60.13	648.58
IS0091R	BDE_47	precip	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.01
IS0091R	BDE_99	precip	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01
IS0091R	HCB	precip	0.01	0.01	0.04	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
IS0091R	PCB_101	precip	0.01	0.00	0.01	0.01	-	-	0.04	-	-	-	-	-	0.01
IS0091R	PCB_105	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	PCB_118	precip	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.01
IS0091R	PCB_138	precip	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01
IS0091R	PCB_153	precip	0.01	0.01	0.02	0.01	0.02	0.02	-	-	-	-	-	-	0.01
IS0091R	PCB_156	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	PCB_180	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	PCB_28	precip	0.02	0.01	0.02	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
IS0091R	PCB_31	precip	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
IS0091R	PCB_52	precip	0.01	0.01	0.02	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.01
IS0091R	alpha_HCH	precip	0.03	0.03	0.04	0.03	0.03	0.05	0.11	0.10	0.04	0.03	0.02	0.02	0.04
IS0091R	beta_HCH	precip	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
IS0091R	cis_CD	precip	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	dieldrin	precip	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.00	0.01	0.01	0.01	0.01	0.01
IS0091R	gamma_HCH	precip	0.08	0.04	0.04	0.04	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.02
IS0091R	op_DDT	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	pp_DDD	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	pp_DDE	precip	0.01	0.01	0.01	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.01
IS0091R	pp_DDT	precip	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01
IS0091R	trans_CD	precip	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IS0091R	trans_NO	precip	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
LV0010R	benz_a_anthracene	precip	12.20	2.80	5.90	3.85	0.85	0.85	0.85	0.85	0.85	-	-	-	3.39
LV0010R	precipitation_amount_off	precip	50.58	30.00	30.40	36.43	28.68	26.07	53.73	53.03	9.57	0.00	0.00	0.00	318.50
LV0010R	benzo_a_pyrene	precip	12.65	9.40	8.20	5.52	1.60	0.50	0.50	0.50	0.50	-	-	-	4.16
LV0010R	benzo_b_fluoranthene	precip	25.05	44.47	21.70	53.88	2.90	1.80	0.80	0.80	0.80	-	-	-	14.31
LV0010R	benzo_k_fluoranthene	precip	10.93	33.64	8.80	49.36	1.00	1.00	1.00	1.00	1.00	-	-	-	9.48
LV0010R	dibenzo_ah_anthracene	precip	2.22	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	-	-	-	1.53

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
LV0010R	inden_123cd_pyrene	precip	18.11	39.27	18.90	52.68	1.50	1.50	1.50	1.50	1.50	-	-	-	12.51
NL0091R	gamma_HCH	precip	0.27	0.70	0.69	0.56	0.53	0.67	0.79	0.23	0.40	0.48	0.69	0.57	0.48
NL0091R	precipitation_amount	precip	63.23	30.23	43.21	57.26	36.79	17.25	18.20	80.93	57.73	45.60	20.84	39.08	510.34
NL0091R	acenaphthene	precip	1.79	1.77	1.61	0.78	0.78	0.50	3.55	1.02	1.15	1.60	2.40	1.37	1.39
NL0091R	acenaphthylene	precip	1.67	2.29	2.29	1.14	0.64	0.72	2.13	0.60	1.19	2.01	2.31	1.52	1.43
NL0091R	anthracene	precip	1.10	2.42	2.46	1.46	2.79	7.71	5.93	0.79	1.29	1.73	2.94	1.06	1.95
NL0091R	benz_a_anthracene	precip	2.38	2.43	4.11	2.76	1.55	3.05	12.51	2.11	2.33	4.45	2.97	2.32	3.05
NL0091R	benzo_a_pyrene	precip	2.97	3.47	5.52	3.91	2.18	4.69	23.36	3.19	3.15	5.27	4.99	2.16	4.33
NL0091R	benzo_bjk_fluoranthenes	precip	10.38	16.15	17.78	11.90	6.03	11.24	62.98	8.98	8.25	15.25	16.53	10.43	13.34
NL0091R	benzo_ghi_perylene	precip	3.77	6.28	6.40	4.34	2.38	4.37	19.20	3.20	3.39	5.97	5.53	4.23	4.85
NL0091R	chrysene	precip	6.93	11.47	11.96	7.83	4.31	6.87	31.01	4.97	5.07	9.06	9.24	6.92	8.16
NL0091R	dibenzo_ah_anthracene	precip	0.78	1.16	1.27	0.84	0.48	0.92	4.36	0.70	0.57	1.42	1.11	0.74	0.99
NL0091R	fluoranthene	precip	11.47	17.31	22.32	14.16	8.72	13.69	53.10	8.52	8.38	15.94	15.32	11.35	14.13
NL0091R	fluorene	precip	2.69	4.57	4.73	2.32	3.40	9.33	7.06	1.42	1.53	3.60	3.30	2.80	3.15
NL0091R	inden_123cd_pyrene	precip	3.13	5.21	5.44	3.58	1.89	3.70	17.42	2.61	2.47	5.09	4.74	3.56	4.06
NL0091R	naphthalene	precip	9.09	10.56	10.83	5.91	4.12	3.86	14.50	3.36	5.12	9.93	11.26	9.11	7.43
NL0091R	phe-threne	precip	12.27	18.82	21.43	12.37	13.12	28.56	43.94	7.19	7.73	15.22	16.73	13.58	14.41
NL0091R	pyrene	precip	6.52	7.05	13.78	9.22	5.89	9.99	38.53	6.45	6.04	10.94	9.71	6.46	9.14
NO0001R	HCB	precip	0.045	0.065	0.125	0.108	0.066	0.061	0.367	0.161	0.030	0.159	0.037	0.064	0.068
NO0001R	precipitation_amount	precip	242	184	44	54	86	67	26	88	259	40	222	193	1503
NO0001R	PCB_101	precip	0.008	0.011	0.023	0.020	0.012	0.011	0.029	0.015	0.005	0.029	0.009	0.014	0.011
NO0001R	PCB_118	precip	0.005	0.008	0.011	0.009	0.006	0.005	0.013	0.007	0.002	0.013	0.004	0.007	0.006
NO0001R	PCB_138	precip	0.007	0.012	0.016	0.014	0.009	0.008	0.020	0.010	0.003	0.021	0.007	0.013	0.009
NO0001R	PCB_153	precip	0.008	0.016	0.024	0.020	0.013	0.012	0.030	0.015	0.005	0.030	0.010	0.017	0.013
NO0001R	PCB_180	precip	0.005	0.017	0.009	0.008	0.005	0.004	0.011	0.006	0.002	0.011	0.004	0.004	0.006
NO0001R	PCB_28	precip	0.005	0.007	0.009	0.008	0.005	0.005	0.034	0.013	0.002	0.012	0.003	0.006	0.006
NO0001R	PCB_52	precip	0.004	0.008	0.011	0.010	0.006	0.006	0.020	0.008	0.002	0.014	0.004	0.007	0.006
NO0001R	PCB_99	precip	0.002	0.003	0.003	0.003	0.002	0.002	0.004	0.002	0.001	0.004	0.001	0.002	0.002
NO0001R	alpha_HCH	precip	0.044	0.052	0.039	0.089	0.110	0.078	0.124	0.082	0.115	0.096	0.094	0.068	0.080
NO0001R	gamma_HCH	precip	0.076	0.093	0.110	0.304	0.223	0.170	0.411	0.249	0.132	0.114	0.245	0.140	0.159
PL0005R	benz_a_anthracene	precip	12.36	7.78	6.70	3.52	0.60	5.22	0.68	1.80	2.25	3.33	9.00	19.25	5.17
PL0005R	precipitation_amount	precip	24.59	19.37	22.14	20.87	36.14	23.56	107.65	46.59	32.92	64.59	27.51	48.96	474.90
PL0005R	benzo_a_pyrene	precip	5.10	5.21	6.20	4.15	1.00	11.24	4.82	6.70	3.38	1.94	10.20	13.46	5.81
PL0005R	benzo_b_fluoranthene	precip	14.70	15.60	15.60	7.38	2.80	15.81	4.01	7.40	6.50	5.57	26.80	37.53	11.71
PL0005R	benzo_k_fluoranthene	precip	5.50	5.86	6.40	3.34	1.10	7.39	1.41	3.20	3.20	2.38	11.70	15.34	4.86
PL0005R	dibenzo_ah_anthracene	precip	1.03	1.29	1.20	0.61	0.20	1.29	0.32	0.60	0.60	0.49	2.70	4.23	1.10
PL0005R	inden_123cd_pyrene	precip	12.93	14.58	10.90	7.05	2.00	11.57	3.85	6.30	4.95	4.10	21.10	33.26	9.85
SE0014R	BDE_100	precip+dry_dep	0.35	0.21	0.11	0.06	0.03	0.02	0.01	0.04	0.03	0.03	0.19	0.19	0.10
SE0014R	BDE_209	precip+dry_dep	1.24	0.59	0.29	0.15	0.80	0.49	1.23	0.48	0.52	0.48	2.58	0.54	0.78
SE0014R	BDE_47	precip+dry_dep	0.06	0.03	0.03	0.05	0.10	0.10	0.05	0.01	0.03	0.01	0.01	0.01	0.04
SE0014R	BDE_99	precip+dry_dep	0.08	0.05	0.03	0.03	0.04	0.04	0.02	0.02	0.02	0.02	0.04	0.04	0.03

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
SE0014R	HCB	precip+dry_dep	0.13	0.07	0.06	0.10	0.11	0.08	0.04	0.04	0.04	0.03	0.05	0.05	0.07
SE0014R	PCB_101	precip+dry_dep	0.12	0.07	0.05	0.08	0.13	0.08	0.04	0.04	0.04	0.03	0.06	0.04	0.07
SE0014R	PCB_118	precip+dry_dep	0.15	0.10	0.06	0.08	0.10	0.07	0.02	0.03	0.03	0.04	0.09	0.03	0.07
SE0014R	PCB_138	precip+dry_dep	0.46	0.30	0.16	0.25	0.26	0.16	0.08	0.11	0.20	0.08	0.33	0.10	0.21
SE0014R	PCB_153	precip+dry_dep	0.30	0.21	0.13	0.19	0.22	0.15	0.07	0.09	0.17	0.06	0.21	0.06	0.15
SE0014R	PCB_180	precip+dry_dep	0.36	0.24	0.12	0.14	0.12	0.09	0.06	0.09	0.20	0.07	0.30	0.06	0.16
SE0014R	PCB_28	precip+dry_dep	0.04	0.02	0.04	0.06	0.15	0.12	0.04	0.03	0.02	0.02	0.02	0.02	0.05
SE0014R	PCB_52	precip+dry_dep	0.06	0.02	0.06	0.07	0.15	0.09	0.07	0.04	0.02	0.02	0.02	0.02	0.05
SE0014R	alpha_HCH	precip+dry_dep	0.05	0.02	0.02	0.01	0.04	0.03	0.01	0.03	0.02	0.01	0.01	0.01	0.02
SE0014R	anthracene	precip+dry_dep	1.72	1.14	0.51	0.44	0.35	0.41	0.16	0.19	0.25	0.31	1.75	0.55	0.64
SE0014R	benz_a_anthracene	precip+dry_dep	10.18	5.48	2.15	2.09	1.36	1.06	1.13	1.16	-	2.43	16.85	4.58	4.73
SE0014R	benzo_a_pyrene	precip+dry_dep	13.30	8.07	3.44	3.71	3.78	1.82	0.79	1.49	1.73	3.18	21.17	4.85	5.58
SE0014R	benzo_b_fluoranthene	precip+dry_dep	25.38	17.98	7.74	5.96	4.19	2.62	1.02	1.98	2.01	5.16	37.04	10.38	10.04
SE0014R	benzo_ghi_perylene	precip+dry_dep	17.10	10.84	5.06	5.39	3.00	2.00	0.92	1.69	1.84	4.31	28.94	7.42	7.32
SE0014R	benzo_k_fluoranthene	precip+dry_dep	9.91	6.62	2.74	2.49	1.92	1.11	0.39	0.79	0.81	1.85	12.68	3.97	3.74
SE0014R	chrysene	precip+dry_dep	27.10	17.29	7.83	5.59	6.59	5.71	5.71	-	-	9.97	31.24	12.06	13.65
SE0014R	dibenzo_ah_anthracene	precip+dry_dep	2.52	1.70	0.80	0.78	0.74	0.37	0.22	0.41	0.40	0.68	4.46	1.11	1.18
SE0014R	fluoranthene	precip+dry_dep	59.30	49.16	20.70	12.64	9.19	5.30	2.13	3.72	3.85	7.56	42.60	17.89	19.30
SE0014R	gamma_HCH	precip+dry_dep	0.13	0.07	0.04	0.02	0.15	0.09	0.02	0.09	0.02	0.01	0.02	0.02	0.06
SE0014R	inden_123cd_pyrene	precip+dry_dep	17.63	12.29	5.08	4.37	3.15	1.73	0.70	1.45	1.51	4.25	31.29	7.95	7.55
SE0014R	phe-threne	precip+dry_dep	43.93	51.83	22.72	12.08	11.13	6.62	3.70	4.14	4.18	5.71	23.01	12.28	16.57
SE0014R	pp_DDD	precip+dry_dep	0.04	0.02	0.01	0.03	0.09	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.03
SE0014R	pp_DDE	precip+dry_dep	0.14	0.09	0.06	0.19	0.22	0.11	0.03	0.03	0.02	0.04	0.10	0.05	0.09
SE0014R	pp_DDT	precip+dry_dep	0.09	0.05	0.02	0.01	0.04	0.04	0.01	0.04	0.02	0.03	0.06	0.06	0.04
SE0014R	pyrene	precip+dry_dep	37.45	25.67	10.70	8.78	6.43	3.64	1.39	2.48	2.53	5.90	34.68	12.74	12.59
SE0020R	anthracene	precip+dry_dep	3.30	0.70	0.37	0.47	0.27	0.31	0.18	0.27	0.49	0.47	1.12	5.00	1.05
SE0020R	benz_a_anthracene	precip+dry_dep	18.10	3.71	1.43	7.79	1.70	2.76	2.12	6.87	3.47	3.22	9.37	35.04	7.80
SE0020R	benzo_a_pyrene	precip+dry_dep	23.22	4.17	2.14	3.12	2.46	4.14	3.11	3.35	3.78	3.51	9.81	33.68	7.89
SE0020R	benzo_b_fluoranthene	precip+dry_dep	38.42	9.24	4.34	5.04	3.39	5.58	4.01	5.08	5.39	6.08	19.16	57.72	13.30
SE0020R	benzo_ghi_perylene	precip+dry_dep	26.01	6.34	2.49	3.08	2.19	4.37	3.01	3.78	3.70	4.10	11.58	35.88	8.68
SE0020R	benzo_k_fluoranthene	precip+dry_dep	16.99	3.40	1.61	2.11	1.48	2.36	1.97	2.16	2.52	2.53	8.14	26.74	5.87
SE0020R	chrysene	precip+dry_dep	44.73	13.84	7.59	15.58	13.22	7.77	10.39	10.51	7.97	9.14	22.56	67.83	18.93
SE0020R	fluoranthene	precip+dry_dep	108.38	28.69	15.43	11.91	8.25	11.37	10.16	8.99	11.77	13.37	37.31	111.87	30.78
SE0020R	inden_123cd_pyrene	precip+dry_dep	29.92	6.77	3.18	3.33	2.53	3.73	2.88	3.34	3.75	4.23	13.99	40.83	9.65
SE0020R	phe-threne	precip+dry_dep	80.20	26.03	15.03	11.24	8.08	7.65	6.72	8.50	7.69	10.84	27.34	75.96	23.24
SE0020R	pyrene	precip+dry_dep	64.49	13.76	7.36	8.54	6.33	9.37	6.99	6.97	9.03	10.13	25.87	84.58	20.70
SE0022R	BDE_100	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SE0022R	BDE_47	precip+dry_dep	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01
SE0022R	BDE_99	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0022R	HCB	precip+dry_dep	0.03	0.03	0.03	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.07	0.04	0.05
SE0022R	PCB_101	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0022R	PCB_118	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0022R	PCB_138	precip+dry_dep	0.02	0.02	0.02	0.02	0.04	0.03	0.02	0.03	0.03	0.02	0.02	0.02	0.02

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
SE0022R	PCB_153	precip+dry_dep	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02
SE0022R	PCB_180	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0022R	PCB_28	precip+dry_dep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SE0022R	PCB_52	precip+dry_dep	0.02	0.02	0.02	0.02	0.03	0.08	0.05	0.02	0.02	0.07	0.02	0.02	0.03
SE0022R	alpha_HCH	precip+dry_dep	0.02	0.02	0.02	0.05	0.08	0.08	0.20	0.12	0.13	0.05	0.05	0.06	0.07
SE0022R	anthracene	precip+dry_dep	0.54	0.54	0.54	0.48	0.12	0.13	0.10	0.20	0.15	0.46	4.33	0.96	0.71
SE0022R	benz_a_anthracene	precip+dry_dep	3.11	3.11	3.11	2.25	0.63	0.52	0.52	1.00	0.69	3.60	39.74	7.69	5.46
SE0022R	benzo_a_pyrene	precip+dry_dep	3.76	3.76	3.76	2.70	0.91	0.78	0.81	1.47	0.96	4.32	40.37	8.45	5.96
SE0022R	benzo_b_fluoranthene	precip+dry_dep	8.98	8.98	8.98	4.34	1.46	1.37	1.33	2.42	1.74	8.87	90.95	19.09	13.12
SE0022R	benzo_ghi_perylene	precip+dry_dep	6.09	6.09	6.09	2.86	1.23	0.88	0.93	1.09	0.96	5.65	59.03	12.99	8.60
SE0022R	benzo_k_fluoranthene	precip+dry_dep	3.28	3.28	3.28	1.64	0.62	0.59	0.57	0.98	0.69	3.47	35.64	7.31	5.08
SE0022R	chrysene	precip+dry_dep	-	-	-	4.76	1.43	1.49	1.37	2.35	1.91	7.30	73.36	17.01	12.27
SE0022R	dibenzo_ah_anthracene	precip+dry_dep	0.86	0.86	0.86	0.53	0.19	0.21	0.20	0.30	0.24	0.35	0.05	1.15	0.48
SE0022R	fluoranthene	precip+dry_dep	21.65	21.65	21.65	13.17	3.70	3.53	2.75	4.55	3.74	11.94	101.43	30.17	19.87
SE0022R	gamma_HCH	precip+dry_dep	0.04	0.04	0.04	0.18	0.13	0.11	0.18	0.24	0.20	0.06	0.07	0.08	0.12
SE0022R	inden_123cd_pyrene	precip+dry_dep	6.23	6.23	6.23	2.90	0.99	0.91	0.98	1.63	1.17	6.60	64.13	15.71	9.42
SE0022R	phe-threne	precip+dry_dep	17.55	17.55	17.55	13.36	4.45	4.06	3.18	3.98	4.05	8.53	57.79	22.73	14.48
SE0022R	pp_DDD	precip+dry_dep	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SE0022R	pp_DDE	precip+dry_dep	0.02	0.02	0.02	0.05	0.04	0.05	0.03	0.07	0.05	0.03	0.21	0.04	0.05
SE0022R	pp_DDT	precip+dry_dep	0.01	0.01	0.01	0.03	0.04	0.01	0.01	0.05	0.03	0.01	0.01	0.01	0.02
SE0022R	pyrene	precip+dry_dep	12.18	12.18	12.18	8.13	2.51	2.11	1.73	3.10	2.76	9.06	84.00	21.05	14.16
SI0008R	benz_a_anthracene	precip+dry_dep	72.81	153.77	24.39	7.47	4.82	7.34	7.87	7.21	5.97	12.56	28.35	32.66	29.62
SI0008R	benzo_a_pyrene	precip+dry_dep	49.50	114.52	21.08	4.90	4.35	6.53	9.21	3.47	2.10	12.08	31.21	36.14	23.98
SI0008R	benzo_bjk_fluoranthenes	precip+dry_dep	242.41	534.90	110.96	47.03	39.87	44.92	34.53	25.78	19.50	61.18	147.36	139.69	117.85
SI0008R	dibenzo_ah_anthracene	precip+dry_dep	17.72	33.61	13.77	9.52	6.17	6.98	8.28	5.06	2.69	7.49	13.93	15.31	11.56
SI0008R	inden_123cd_pyrene	precip+dry_dep	73.34	163.52	36.99	6.58	6.81	8.17	12.12	8.27	6.98	26.07	52.53	49.86	36.75

Appendix H

Monthly mean values on data for POPs in air

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
BE0013R	benz_a_anthracene	pm10	0.041	0.181	0.148	0.022	0.010	0.006	0.015	0.015	0.003	0.029	0.238	0.193	0.075
BE0013R	benzo_a_pyrene	pm10	0.067	0.220	0.162	0.029	0.012	0.009	0.021	0.019	0.004	0.042	0.412	0.290	0.107
BE0013R	benzo_ghi_perylene	pm10	0.143	0.302	0.228	0.041	0.020	0.012	0.030	0.028	0.013	0.068	0.518	0.338	0.145
BE0013R	chrysene	pm10	0.115	0.489	0.403	0.050	0.028	0.015	0.047	0.038	0.012	0.060	0.513	0.438	0.183
BE0013R	fluoranthene	pm10	0.051	0.435	0.440	0.053	0.032	0.013	0.040	0.033	0.011	0.041	0.342	0.207	0.140
BE0013R	inden_123cd_pyrene	pm10	0.120	0.267	0.197	0.032	0.016	0.010	0.026	0.022	0.011	0.056	0.416	0.270	0.121
BE0013R	pyrene	pm10	0.042	0.338	0.341	0.039	0.028	0.009	0.029	0.024	0.008	0.040	0.329	0.201	0.118
CZ0003R	HCB	air+pm10	47.7	42.6	54.1	74.3	42.2	40.2	45.7	42.7	67.8	40.9	38.5	30.7	47.0
CZ0003R	PCB_101	air+pm10	0.526	0.491	0.667	1.018	1.026	1.211	1.657	1.640	1.421	0.718	0.530	0.454	0.949
CZ0003R	PCB_118	air+pm10	0.089	0.192	0.188	0.322	0.331	0.328	0.452	0.511	0.371	0.204	0.180	0.100	0.274
CZ0003R	PCB_138	air+pm10	0.542	0.658	0.770	1.056	0.920	1.070	1.632	1.568	1.145	0.629	0.548	0.394	0.912
CZ0003R	PCB_153	air+pm10	0.209	0.450	0.445	0.548	0.468	0.524	0.799	0.822	0.592	0.317	0.323	0.238	0.477
CZ0003R	PCB_180	air+pm10	0.240	0.509	0.407	0.316	0.256	0.273	0.379	0.397	0.247	0.187	0.271	0.238	0.308
CZ0003R	PCB_28	air+pm10	1.958	1.621	2.137	3.213	4.138	3.970	4.040	4.170	3.175	2.446	1.961	1.065	2.850
CZ0003R	PCB_52	air+pm10	1.085	0.813	1.212	1.911	2.219	2.258	2.549	2.752	2.177	1.311	1.019	0.640	1.675
CZ0003R	acenaphthene	air+pm10	0.259	0.516	0.260	0.069	0.047	0.036	0.022	0.026	0.049	0.083	0.579	0.342	0.186
CZ0003R	acenaphthylene	air+pm10	0.630	0.840	0.379	0.073	0.016	0.016	0.006	0.006	0.054	0.265	1.684	0.575	0.373
CZ0003R	alpha_HCH	air+pm10	1.82	1.32	1.63	2.99	8.83	5.22	3.60	6.09	4.66	4.26	2.78	1.20	3.81
CZ0003R	anthracene	air+pm10	0.137	0.393	0.146	0.024	0.011	0.007	0.005	0.002	0.010	0.036	0.252	0.113	0.092
CZ0003R	benz_a_anthracene	air+pm10	0.373	1.900	0.611	0.071	0.032	0.022	0.009	0.009	0.046	0.123	1.190	0.525	0.394
CZ0003R	benzo_a_pyrene	air+pm10	0.418	1.667	0.576	0.105	0.050	0.034	0.012	0.020	0.069	0.187	1.348	0.641	0.414
CZ0003R	benzo_b_fluoranthene	air+pm10	0.534	2.261	0.674	0.130	0.075	0.050	0.024	0.031	0.072	0.204	1.546	0.793	0.515
CZ0003R	benzo_ghi_perylene	air+pm10	0.319	1.183	0.328	0.096	0.051	0.035	0.016	0.020	0.065	0.186	1.251	0.659	0.340
CZ0003R	benzo_k_fluoranthene	air+pm10	0.230	1.025	0.317	0.059	0.031	0.021	0.010	0.014	0.035	0.091	0.681	0.341	0.230
CZ0003R	delta_HCH	air+pm10	0.050	0.050	0.050	0.144	0.234	0.213	0.163	0.234	0.158	0.104	0.071	0.050	0.129
CZ0003R	dibenzo_ah_anthracene	air+pm10	0.033	0.122	0.031	0.008	0.005	0.003	0.002	0.001	0.005	0.015	0.113	0.051	0.031
CZ0003R	fluoranthene	air+pm10	1.659	4.798	2.156	0.532	0.321	0.211	0.147	0.155	0.279	0.741	3.654	2.175	1.366
CZ0003R	fluorene	air+pm10	1.783	3.752	2.047	0.620	0.361	0.348	0.118	0.180	0.328	0.726	3.622	2.443	1.330
CZ0003R	gamma_HCH	air+pm10	2.37	1.30	2.29	4.47	5.03	4.65	5.37	6.51	6.96	3.12	1.89	1.02	3.78
CZ0003R	inden_123cd_pyrene	air+pm10	0.377	1.377	0.378	0.102	0.052	0.033	0.017	0.020	0.065	0.199	1.406	0.732	0.384
CZ0003R	naphthalene	air+pm10	1.304	6.629	2.257	0.289	0.157	0.115	0.054	0.050	0.136	0.570	4.454	2.369	1.477
CZ0003R	pentachlorobenzene	air+pm10	8.532	9.925	7.107	8.566	4.175	3.792	3.083	2.001	4.246	6.754	10.696	10.560	6.535
CZ0003R	phenanthrene	air+pm10	4.285	8.237	4.863	1.746	0.867	0.574	0.432	0.400	0.706	1.700	6.311	4.784	2.850
CZ0003R	pp_DDD	air+pm10	0.415	0.528	0.386	0.643	0.616	0.747	0.937	1.011	0.696	0.238	0.178	0.073	0.541
CZ0003R	pp_DDE	air+pm10	8.103	4.832	8.115	17.172	15.078	11.329	12.077	18.923	21.672	11.343	9.533	4.425	11.989
CZ0003R	pp_DDT	air+pm10	0.806	1.329	1.222	2.855	3.643	4.121	4.868	5.986	7.573	3.318	2.871	1.671	3.361
CZ0003R	pyrene	air+pm10	1.171	4.109	1.545	0.313	0.168	0.132	0.125	0.120	0.174	0.496	2.864	1.516	1.030
DE0001R	PCB_101	air+pm10	1.145	1.154	1.254	1.351	2.522	2.505	2.580	1.801	1.160	2.800	1.674	1.033	1.754
DE0001R	PCB_118	air+pm10	0.309	0.299	0.324	0.359	0.580	0.538	0.597	0.463	0.345	0.623	0.369	0.310	0.428
DE0001R	PCB_138	air+pm10	0.788	0.869	0.811	1.023	2.146	1.970	2.299	1.467	1.008	1.841	1.141	0.746	1.347
DE0001R	PCB_153	air+pm10	0.922	0.986	0.938	1.094	2.283	2.163	2.302	1.479	1.009	1.902	1.225	0.789	1.429
DE0001R	PCB_180	air+pm10	0.180	0.270	0.192	0.245	0.649	0.556	0.629	0.378	0.208	0.336	0.294	0.152	0.342

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0001R	PCB_28	air+pm10	1.562	1.569	1.849	1.590	1.824	1.435	0.805	0.790	0.783	2.788	1.930	1.661	1.550
DE0001R	PCB_52	air+pm10	1.777	1.846	1.891	2.009	2.673	2.297	1.963	1.880	1.300	3.040	1.867	1.409	1.999
DE0001R	aldrin	air+pm10	0.001	0.001	0.001	0.001	0.001	0.018	0.001	0.001	0.001	0.001	0.001	0.001	0.002
DE0001R	alpha_HCH	air+pm10	2.53	2.62	3.16	3.22	3.65	3.66	2.32	3.12	3.19	3.68	3.66	2.37	3.10
DE0001R	anthracene	air+pm10	0.109	0.168	0.043	0.041	0.103	0.073	0.061	0.031	0.030	0.027	0.050	0.056	0.065
DE0001R	benz_a_anthracene	air+pm10	0.039	0.151	0.019	0.018	0.017	0.007	0.008	0.005	0.007	0.028	0.192	0.182	0.055
DE0001R	benzo_a_pyrene	air+pm10	0.014	0.137	0.019	0.023	0.023	0.010	0.010	0.006	0.006	0.035	0.238	0.194	0.059
DE0001R	benzo_bjk_fluoranthenes	air+pm10	0.076	0.470	0.077	0.086	0.073	0.035	0.032	0.024	0.035	0.148	0.842	0.651	0.210
DE0001R	benzo_ghi_perylene	air+pm10	0.031	0.136	0.038	0.034	0.029	0.013	0.012	0.010	0.012	0.045	0.248	0.185	0.065
DE0001R	chrysene_triphenylene	air+pm10	0.115	0.426	0.082	0.073	0.053	0.031	0.034	0.025	0.033	0.089	0.416	0.345	0.141
DE0001R	dibenzo_ah_anthracene	air+pm10	0.005	0.028	0.006	0.006	0.005	0.002	0.002	0.002	0.002	0.008	0.052	0.040	0.013
DE0001R	dieldrin	air+pm10	1.752	1.051	1.282	2.350	1.973	2.060	2.290	3.868	2.610	2.790	1.184	1.456	2.064
DE0001R	endrin	air+pm10	0.094	0.050	0.046	0.002	0.002	0.002	0.053	0.070	0.065	0.002	0.002	0.002	0.033
DE0001R	fluoranthene	air+pm10	0.791	1.704	0.499	0.440	1.395	0.844	0.984	0.457	0.393	0.355	1.378	1.104	0.856
DE0001R	gamma_HCH	air+pm10	5.37	4.79	6.52	6.44	8.73	11.52	12.05	10.89	4.62	8.78	6.90	3.66	7.55
DE0001R	inden_123cd_pyrene	air+pm10	0.033	0.177	0.043	0.035	0.030	0.011	0.012	0.010	0.012	0.052	0.311	0.224	0.078
DE0001R	op_DDD	air+pm10	0.094	0.084	0.065	0.105	0.170	0.190	0.195	0.191	0.155	0.138	0.084	0.066	0.128
DE0001R	op_DDE	air+pm10	0.168	0.153	0.142	0.169	0.194	0.141	0.117	0.098	0.089	0.207	0.243	0.151	0.156
DE0001R	op_DDT	air+pm10	0.310	0.242	0.262	0.300	0.532	0.242	0.592	0.320	0.226	0.754	0.792	0.372	0.414
DE0001R	phenanthrene	air+pm10	2.652	3.867	1.880	1.505	4.998	3.798	2.428	1.190	1.220	1.194	4.350	4.020	2.750
DE0001R	pp_DDD	air+pm10	0.109	0.095	0.065	0.098	0.195	0.189	0.223	0.201	0.124	0.119	0.103	0.075	0.133
DE0001R	pp_DDE	air+pm10	3.193	1.950	2.200	2.826	3.315	1.497	1.738	1.468	1.647	6.190	5.725	2.865	2.892
DE0001R	pp_DDT	air+pm10	0.500	0.491	0.399	0.514	1.047	0.638	0.873	0.472	0.320	0.921	1.113	0.507	0.651
DE0001R	pyrene	air+pm10	0.492	1.037	0.239	0.231	0.496	0.269	0.290	0.172	0.158	0.204	0.840	0.637	0.417
DE0002R	PCB_101	air+pm10	0.751	1.123	1.385	1.970	1.984	2.528	2.610	2.717	2.270	2.051	1.320	1.124	1.823
DE0002R	PCB_118	air+pm10	0.250	0.273	0.281	0.437	0.502	0.527	0.577	0.574	0.486	0.438	0.318	0.270	0.412
DE0002R	PCB_138	air+pm10	0.583	0.934	0.758	1.364	1.258	1.694	1.801	1.813	1.268	1.141	0.715	0.652	1.166
DE0002R	PCB_153	air+pm10	0.558	0.811	0.782	1.279	1.290	1.680	1.799	1.949	1.347	1.239	0.759	0.701	1.185
DE0002R	PCB_180	air+pm10	0.162	0.522	0.234	0.256	0.281	0.358	0.418	0.413	0.275	0.224	0.228	0.152	0.292
DE0002R	PCB_28	air+pm10	1.575	2.166	2.247	2.617	2.554	1.922	1.492	1.436	1.532	2.993	2.745	1.970	2.103
DE0002R	PCB_52	air+pm10	1.489	1.833	2.128	2.328	2.090	2.215	2.785	2.647	2.709	2.538	1.995	1.534	2.193
DE0002R	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
DE0002R	alpha_HCH	air+pm10	2.63	2.17	3.69	3.19	3.16	2.74	3.20	3.68	3.05	4.28	4.22	3.34	3.29
DE0002R	anthracene	air+pm10	0.102	0.070	0.041	0.020	0.011	0.009	0.006	0.007	0.036	0.018	0.180	0.084	0.048
DE0002R	benz_a_anthracene	air+pm10	0.188	0.231	0.140	0.027	0.019	0.007	0.004	0.004	0.036	0.053	0.609	0.252	0.130
DE0002R	benzo_a_pyrene	air+pm10	0.261	0.248	0.164	0.031	0.027	0.010	0.006	0.007	0.024	0.072	0.720	0.284	0.153
DE0002R	benzo_bjk_fluoranthenes	air+pm10	0.767	0.799	0.469	0.091	0.068	0.027	0.019	0.022	0.089	0.242	2.421	0.974	0.495
DE0002R	benzo_ghi_perylene	air+pm10	0.280	0.255	0.158	0.043	0.029	0.011	0.007	0.008	0.031	0.089	0.691	0.292	0.157
DE0002R	chrysene_triphenylene	air+pm10	0.395	0.513	0.314	0.073	0.048	0.022	0.018	0.018	0.066	0.120	1.082	0.478	0.260
DE0002R	dibenzo_ah_anthracene	air+pm10	0.054	0.048	0.032	0.008	0.005	0.002	0.001	0.002	0.006	0.016	0.136	0.058	0.030
DE0002R	dieldrin	air+pm10	1.277	1.016	1.646	4.991	3.175	3.953	4.210	6.520	4.128	2.762	1.203	2.514	3.129
DE0002R	endrin	air+pm10	0.002	0.002	0.002	0.077	0.058	0.088	0.093	0.106	0.070	0.002	0.002	0.002	0.042
DE0002R	fluoranthene	air+pm10	1.191	1.754	1.137	0.498	0.240	0.223	0.207	0.243	0.250	0.397	3.195	1.580	0.901

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0002R	gamma_HCH	air+pm10	7.64	8.13	10.49	12.98	10.91	13.12	15.42	16.18	14.04	12.13	9.57	6.82	11.47
DE0002R	inden_123cd_pyrene	air+pm10	0.309	0.297	0.187	0.046	0.030	0.011	0.008	0.009	0.034	0.093	0.798	0.334	0.178
DE0002R	op_DDD	air+pm10	0.246	0.047	0.110	0.143	0.221	0.206	0.587	0.324	0.168	0.171	0.195	0.084	0.210
DE0002R	op_DDE	air+pm10	0.397	0.144	0.353	0.353	0.387	0.296	0.752	0.382	0.238	0.383	0.624	0.179	0.376
DE0002R	op_DDT	air+pm10	1.911	0.389	1.224	2.967	3.747	2.602	3.266	3.098	1.613	2.486	2.921	0.999	2.281
DE0002R	phenanthrene	air+pm10	3.981	4.348	3.108	1.639	0.730	0.720	0.850	1.020	1.021	1.775	13.161	6.750	3.240
DE0002R	pp_DDD	air+pm10	0.522	0.100	0.204	0.194	0.265	0.314	0.750	0.486	0.241	0.302	0.376	0.149	0.328
DE0002R	pp_DDE	air+pm10	8.500	2.739	10.072	13.451	11.891	7.860	11.277	11.781	8.437	16.042	23.952	5.985	11.041
DE0002R	pp_DDT	air+pm10	4.730	0.744	2.069	3.643	5.242	4.016	5.753	5.841	2.513	3.190	4.205	1.382	3.635
DE0002R	pyrene	air+pm10	0.799	1.171	0.653	0.231	0.129	0.090	0.075	0.098	0.137	0.259	2.115	0.985	0.556
DE0003R	anthracene	air+pm10	0.049	0.036	0.026	0.039	0.026	0.017	0.021	0.014	0.014	0.003	0.017	0.014	0.023
DE0003R	benz_a_anthracene	air+pm10	0.188	0.134	0.051	0.011	0.006	0.002	0.005	0.007	0.007	0.009	0.024	0.007	0.037
DE0003R	benzo_a_pyrene	air+pm10	0.213	0.143	0.059	0.019	0.015	0.014	0.007	0.010	0.012	0.017	0.028	0.008	0.045
DE0003R	benzo_bjk_fluoranthenes	air+pm10	0.688	0.529	0.207	0.059	0.040	0.036	0.019	0.028	0.039	0.051	0.125	0.039	0.153
DE0003R	benzo_ghi_perylene	air+pm10	0.231	0.166	0.076	0.026	0.016	0.015	0.009	0.010	0.015	0.019	0.041	0.016	0.053
DE0003R	chrysene_triphenylene	air+pm10	0.350	0.338	0.142	0.039	0.029	0.010	0.018	0.020	0.023	0.028	0.073	0.028	0.090
DE0003R	dibenzo_ah_anthracene	air+pm10	0.056	0.036	0.014	0.004	0.002	0.002	0.001	0.002	0.002	0.003	0.008	0.002	0.011
DE0003R	fluoranthene	air+pm10	0.707	0.878	0.507	0.298	0.276	0.187	0.187	0.160	0.159	0.110	0.311	0.224	0.330
DE0003R	inden_123cd_pyrene	air+pm10	0.293	0.213	0.095	0.026	0.016	0.014	0.008	0.011	0.015	0.021	0.047	0.018	0.064
DE0003R	phenanthrene	air+pm10	1.681	2.439	1.650	1.600	1.299	0.720	0.980	0.670	0.819	0.352	1.699	1.230	1.253
DE0003R	pyrene	air+pm10	0.548	0.526	0.292	0.124	0.100	0.079	0.071	0.075	0.076	0.059	0.156	0.122	0.184
DE0008R	anthracene	air+pm10	1.328	0.101	0.053	0.047	0.066	0.133	0.043	0.022	0.065	0.032	0.062	0.318	0.191
DE0008R	benz_a_anthracene	air+pm10	0.456	0.341	0.125	0.015	0.018	0.042	0.010	0.006	0.029	0.020	0.129	0.162	0.112
DE0008R	benzo_a_pyrene	air+pm10	0.406	0.298	0.130	0.023	0.031	0.039	0.004	0.012	0.024	0.026	0.152	0.157	0.107
DE0008R	benzo_bjk_fluoranthenes	air+pm10	0.925	0.942	0.380	0.071	0.085	0.129	0.029	0.051	0.077	0.104	0.596	0.534	0.323
DE0008R	benzo_ghi_perylene	air+pm10	0.319	0.263	0.120	0.028	0.031	0.050	0.008	0.014	0.032	0.031	0.177	0.159	0.102
DE0008R	chrysene_triphenylene	air+pm10	0.726	0.675	0.278	0.054	0.050	0.096	0.026	0.027	0.064	0.067	0.322	0.314	0.222
DE0008R	dibenzo_ah_anthracene	air+pm10	0.056	0.061	0.029	0.004	0.006	0.008	0.001	0.003	0.005	0.006	0.037	0.031	0.020
DE0008R	fluoranthene	air+pm10	3.709	1.998	1.143	0.553	0.370	0.607	0.233	0.177	0.346	0.384	1.235	1.369	1.006
DE0008R	inden_123cd_pyrene	air+pm10	0.391	0.356	0.153	0.031	0.033	0.054	0.008	0.016	0.034	0.036	0.217	0.182	0.125
DE0008R	phenanthrene	air+pm10	7.987	5.387	3.310	3.269	2.280	2.198	0.940	0.811	1.182	2.485	5.969	5.240	3.408
DE0008R	pyrene	air+pm10	3.052	1.394	0.609	0.273	0.314	0.371	0.173	0.116	0.253	0.213	0.694	0.892	0.694
DE0009R	PCB_101	air+pm10	1.169	0.501	0.632	1.088	1.025	1.167	1.273	1.496	1.295	1.169	0.625	0.565	1.004
DE0009R	PCB_118	air+pm10	0.289	0.199	0.231	0.323	0.333	0.317	0.377	0.574	0.397	0.315	0.181	0.188	0.311
DE0009R	PCB_138	air+pm10	0.729	0.478	0.520	0.753	0.648	0.844	0.936	1.581	1.059	0.779	0.342	0.328	0.752
DE0009R	PCB_153	air+pm10	0.790	0.437	0.508	0.770	0.686	0.920	0.852	1.287	0.867	0.825	0.417	0.396	0.732
DE0009R	PCB_180	air+pm10	0.219	0.159	0.155	0.175	0.152	0.176	0.203	0.332	0.205	0.180	0.108	0.089	0.180
DE0009R	PCB_28	air+pm10	2.044	0.899	1.785	1.903	1.997	1.385	-	-	2.313	2.312	1.672	1.865	1.773
DE0009R	PCB_52	air+pm10	2.051	0.943	1.317	1.594	1.584	1.259	1.699	1.800	1.716	1.791	1.103	1.275	1.517
DE0009R	aldrin	air+pm10	0.039	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004
DE0009R	alpha_HCH	air+pm10	3.55	1.91	2.53	2.93	3.56	2.68	3.01	3.12	3.56	4.16	2.88	2.49	3.04

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DE0009R	anthracene	air+pm10	0.202	0.075	0.079	0.021	0.061	0.056	0.053	0.064	0.042	0.039	0.114	0.063	0.073
DE0009R	benz_a_anthracene	air+pm10	1.061	0.149	0.369	0.017	0.018	0.006	0.005	0.061	0.051	0.086	0.415	0.209	0.205
DE0009R	benzo_a_pyrene	air+pm10	1.228	0.180	0.418	0.019	0.021	0.008	0.006	0.061	0.029	0.123	0.572	0.245	0.244
DE0009R	benzo_bjk_fluoranthenes	air+pm10	3.495	0.609	1.344	0.077	0.072	0.029	0.024	0.157	0.149	0.408	1.810	0.748	0.747
DE0009R	benzo_ghi_perylene	air+pm10	0.950	0.184	0.364	0.036	0.032	0.015	0.010	0.079	0.045	0.139	0.530	0.244	0.220
DE0009R	chrysene_triphenylene	air+pm10	1.862	0.440	0.823	0.072	0.059	0.031	0.029	0.098	0.123	0.203	0.759	0.425	0.412
DE0009R	dibenzo_ah_anthracene	air+pm10	0.183	0.038	0.080	0.005	0.005	0.002	0.002	0.011	0.011	0.027	0.101	0.047	0.043
DE0009R	dieldrin	air+pm10	3.140	0.633	0.705	2.115	1.199	1.422	1.928	2.722	2.037	1.449	0.855	0.850	1.596
DE0009R	endrin	air+pm10	0.002	0.002	0.002	0.002	0.002	0.002	0.044	0.056	0.075	0.002	0.002	0.002	0.016
DE0009R	fluoranthene	air+pm10	4.247	1.515	2.656	0.379	0.413	0.260	0.448	0.338	0.724	0.539	2.448	1.436	1.285
DE0009R	gamma_HCH	air+pm10	9.57	4.58	5.33	10.51	10.14	11.90	12.02	14.20	12.04	11.30	5.66	4.48	9.34
DE0009R	inden_123cd_pyrene	air+pm10	1.089	0.218	0.454	0.041	0.034	0.012	0.010	0.083	0.050	0.151	0.603	0.274	0.253
DE0009R	op_DDD	air+pm10	0.135	0.231	0.246	0.333	0.440	0.623	1.184	1.180	0.892	0.313	0.145	0.121	0.489
DE0009R	op_DDE	air+pm10	0.230	0.586	0.532	0.470	0.517	0.637	0.768	0.803	0.701	0.543	0.420	0.286	0.540
DE0009R	op_DDT	air+pm10	0.663	1.041	1.480	2.738	3.681	5.444	4.875	4.266	3.389	3.984	1.859	1.064	2.884
DE0009R	phenanthrene	air+pm10	10.511	3.771	4.076	1.180	1.400	1.130	1.110	1.153	3.208	1.749	8.298	6.470	3.673
DE0009R	pp_DDD	air+pm10	0.207	0.655	0.555	0.635	0.750	2.517	2.345	1.906	1.427	0.457	0.259	0.223	0.995
DE0009R	pp_DDE	air+pm10	5.865	4.952	8.493	8.661	10.233	12.473	13.052	12.871	11.622	19.479	14.474	6.416	10.752
DE0009R	pp_DDT	air+pm10	1.447	3.481	3.870	5.552	7.223	9.812	11.240	10.908	7.713	7.298	3.776	2.365	6.241
DE0009R	pyrene	air+pm10	3.081	0.971	1.734	0.190	0.249	0.169	0.228	0.311	0.382	0.384	1.541	0.804	0.839
DK0010G	BDE_100	air	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
DK0010G	BDE_138	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_153	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_154	air	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
DK0010G	BDE_183	air	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
DK0010G	BDE_28	air	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DK0010G	BDE_47	air	0.140	0.054	0.110	0.210	0.060	0.100	0.080	0.070	0.040	0.060	0.038	0.020	0.081
DK0010G	BDE_66	air	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
DK0010G	BDE_71	air	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
DK0010G	BDE_85	air	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
DK0010G	BDE_99	air	0.130	0.036	0.020	0.020	0.060	0.050	0.050	0.050	0.020	0.060	0.020	0.020	0.043
DK0010G	HCB	air	28.3	30.4	32.5	35.1	34.2	37.1	35.6	37.9	29.5	36.4	35.2	40.1	34.3
DK0010G	aldrin	air	0.001	0.001	0.001	0.001	0.001	0.001	0.001	1.030	0.001	0.001	0.001	0.001	0.088
DK0010G	alpha_HCH	air	1.33	1.61	2.12	2.07	1.55	1.96	3.11	3.00	2.60	2.77	2.46	2.21	2.25
DK0010G	beta_HCH	air	0.120	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.063	0.080	0.028
DK0010G	cis_CD	air	0.550	0.250	0.314	0.370	0.230	0.270	0.340	0.250	0.370	0.270	0.350	0.350	0.325
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
DK0010G	dieldrin	air	1.390	0.773	0.495	0.820	0.630	0.700	0.990	0.990	1.270	0.490	0.638	0.690	0.814
DK0010G	endosulfan	air	0.440	0.063	0.000	0.320	0.230	0.210	0.000	0.320	0.330	0.000	0.456	0.710	0.249
DK0010G	endrin	air	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DK0010G	gamma_HCH	air	0.32	0.35	0.40	0.71	0.21	0.24	0.33	0.87	0.61	0.60	0.55	0.60	0.49
DK0010G	heptachlor	air	0.100	0.057	0.050	0.100	0.050	0.100	0.080	0.120	0.090	0.100	0.098	0.080	0.085
DK0010G	heptachlorepoxide	air	0.430	0.199	0.256	0.350	0.290	0.320	0.400	0.350	0.380	0.300	0.338	0.390	0.331

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
DK0010G	op_DDE	air	0.130	0.053	0.049	0.040	0.040	0.050	0.050	0.060	0.060	0.060	0.070	0.070	0.060
DK0010G	op_DDT	air	0.310	0.139	0.119	0.130	0.120	0.130	0.120	0.220	0.220	0.160	0.193	0.140	0.166
DK0010G	pp_DDD	air	0.180	0.069	0.059	0.090	0.090	0.230	0.130	0.190	0.200	0.110	0.121	0.060	0.124
DK0010G	pp_DDE	air	0.640	0.154	0.057	0.132	0.068	0.168	0.140	0.368	0.388	0.276	0.380	0.216	0.246
DK0010G	pp_DDT	air	0.405	0.174	0.141	0.219	0.207	0.282	0.253	0.295	0.284	0.205	0.246	0.199	0.239
DK0010G	trans_CD	air	0.306	0.140	0.137	0.141	0.078	0.102	0.126	0.063	0.077	0.076	0.132	0.179	0.128
DK0010G	trans_NO	air	0.438	0.111	0.236	0.259	0.211	0.126	0.215	0.190	0.235	0.125	0.237	0.121	0.210
EE0009R	benzo_a_pyrene	pm10	0.283	0.231	0.079	0.045	0.009	0.005	0.005	0.005	0.011	0.076	0.219	0.724	0.140
ES0001R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.002
ES0001R	acenaphthylene	pm10	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0001R	anthracene	pm10	0.003	0.006	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.024	0.005	0.005	0.004
ES0001R	benz_a_anthracene	pm10	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.000	0.002	0.002	0.002	0.002	0.002
ES0001R	benzo_a_pyrene	pm10	0.002	0.009	0.004	0.000	0.002	0.002	0.002	0.002	0.002	0.000	0.002	0.007	0.003
ES0001R	benzo_ghi_perylene	pm10	0.010	0.017	0.006	0.013	0.002	0.005	0.002	0.002	0.004	0.016	0.004	0.005	0.007
ES0001R	benzo_k_fluoranthene	pm10	0.009	0.019	0.002	0.010	0.002	0.002	0.002	0.002	0.002	0.000	0.006	0.021	0.006
ES0001R	chrysene	pm10	0.009	0.020	0.004	0.005	0.003	0.003	0.002	0.002	0.002	0.011	0.002	0.006	0.006
ES0001R	dibenzo_ah_anthracene	pm10	0.002	0.002	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.002	0.002	0.001
ES0001R	fluorene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.019	0.000	0.000	0.000	0.003
ES0001R	inden_123cd_pyrene	pm10	0.012	0.020	0.008	0.065	0.002	0.002	0.002	0.002	0.004	0.026	0.006	0.010	0.013
ES0001R	naphthalene	pm10	0.009	0.000	0.009	0.000	0.000	0.009	0.009	0.009	0.009	0.000	0.000	0.000	0.005
ES0001R	phenanthrene	pm10	0.010	0.011	0.003	0.004	0.004	0.000	0.000	0.015	0.009	0.032	0.007	0.002	0.008
ES0001R	pyrene	pm10	0.008	0.012	0.003	0.003	0.003	0.000	0.000	0.007	0.003	0.010	0.003	0.003	0.005
ES0007R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.001
ES0007R	acenaphthylene	pm10	0.000	0.000	0.000	0.006	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
ES0007R	anthracene	pm10	0.008	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.002	0.008	0.004
ES0007R	benz_a_anthracene	pm10	0.009	0.007	0.002	0.002	0.002	0.002	0.002	0.000	0.002	0.005	0.002	0.030	0.005
ES0007R	benzo_a_pyrene	pm10	0.050	0.010	0.007	0.002	0.002	0.002	0.002	0.002	0.002	0.000	0.006	0.047	0.011
ES0007R	benzo_ghi_perylene	pm10	0.615	0.011	0.012	0.013	0.002	0.004	0.005	0.002	0.007	0.017	0.009	0.022	0.061
ES0007R	benzo_k_fluoranthene	pm10	0.508	0.013	0.005	0.007	0.002	0.003	0.002	0.002	0.002	0.011	0.015	0.053	0.053
ES0007R	chrysene	pm10	0.051	0.021	0.009	0.009	0.004	0.005	0.004	0.002	0.004	0.014	0.006	0.054	0.015
ES0007R	dibenzo_ah_anthracene	pm10	0.056	0.002	0.002	0.000	0.000	0.002	0.002	0.000	0.002	0.000	0.002	0.002	0.006
ES0007R	inden_123cd_pyrene	pm10	0.772	0.013	0.021	0.039	0.004	0.002	0.004	0.002	0.006	0.030	0.013	0.029	0.079
ES0007R	naphthalene	pm10	0.009	0.009	0.009	0.000	0.000	0.000	0.009	0.000	0.009	0.000	0.000	0.000	0.004
ES0007R	phenanthrene	pm10	0.023	0.009	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.022	0.002	0.000	0.005
ES0007R	pyrene	pm10	0.030	0.018	0.007	0.010	0.010	0.000	0.000	0.003	0.007	0.017	0.003	0.043	0.012
ES0008R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.002
ES0008R	acenaphthylene	pm10	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0008R	anthracene	pm10	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.007	0.002
ES0008R	benz_a_anthracene	pm10	0.010	0.006	0.005	0.008	0.002	0.006	0.002	0.002	0.010	0.005	0.019	0.009	0.007
ES0008R	benzo_a_pyrene	pm10	0.011	0.010	0.002	0.019	0.007	0.014	0.002	0.002	0.014	0.000	0.027	0.019	0.011

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
ES0008R	benzo_ghi_perylene	pm10	0.028	0.014	0.015	0.070	0.027	0.023	0.011	0.008	0.034	0.074	0.014	0.009	0.027
ES0008R	benzo_k_fluoranthene	pm10	0.029	0.022	0.012	0.051	0.032	0.021	0.004	0.013	0.022	0.081	0.042	0.041	0.031
ES0008R	chrysene	pm10	0.041	0.021	0.019	0.030	0.014	0.044	0.007	0.010	0.044	0.023	0.036	0.023	0.026
ES0008R	dibenzo_ah_anthracene	pm10	0.002	0.002	0.004	0.000	0.008	0.005	0.002	0.002	0.009	0.000	0.002	0.002	0.003
ES0008R	inden_123cd_pyrene	pm10	0.040	0.021	0.039	0.302	0.035	0.026	0.012	0.012	0.042	0.122	0.022	0.018	0.057
ES0008R	naphthalene	pm10	0.000	0.000	0.009	0.000	0.000	0.009	0.009	0.009	0.009	0.000	0.000	0.000	0.004
ES0008R	phenanthrene	pm10	0.014	0.006	0.007	0.021	0.006	0.017	0.040	0.031	0.021	0.057	0.014	0.006	0.020
ES0008R	pyrene	pm10	0.016	0.009	0.009	0.014	0.008	0.013	0.003	0.003	0.015	0.012	0.020	0.012	0.011
ES0012R	acenaphthylene	pm10	0.000	0.000	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0012R	anthracene	pm10	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.002	0.010	0.002
ES0012R	benz_a_anthracene	pm10	0.002	0.002	0.002	0.002	0.002	0.000	0.008	0.000	0.002	0.000	0.002	0.002	0.002
ES0012R	benzo_a_pyrene	pm10	0.006	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.006	0.000	0.002	0.000	0.002
ES0012R	benzo_ghi_perylene	pm10	0.029	0.002	0.005	0.004	0.002	0.002	0.002	0.002	0.012	0.011	0.002	0.020	0.008
ES0012R	benzo_k_fluoranthene	pm10	0.058	0.003	0.002	0.002	0.008	0.002	0.000	0.002	0.022	0.000	0.005	0.100	0.017
ES0012R	chrysene	pm10	0.011	0.009	0.003	0.002	0.002	0.002	0.066	0.002	0.002	0.008	0.002	0.009	0.010
ES0012R	dibenzo_ah_anthracene	pm10	0.010	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.002	0.000	0.002
ES0012R	inden_123cd_pyrene	pm10	0.089	0.004	0.011	0.017	0.002	0.002	0.000	0.002	0.036	0.019	0.002	0.033	0.018
ES0012R	naphthalene	pm10	0.009	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.002
ES0012R	phenanthrene	pm10	0.007	0.003	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
ES0012R	pyrene	pm10	0.006	0.003	0.003	0.003	0.003	0.000	0.000	0.000	0.003	0.008	0.003	0.003	0.003
ES0014R	acenaphthene	pm10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.002
ES0014R	acenaphthylene	pm10	0.006	0.000	0.006	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
ES0014R	anthracene	pm10	0.001	0.008	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.006	0.002
ES0014R	benz_a_anthracene	pm10	0.005	0.010	0.002	0.002	0.002	0.000	0.002	0.000	0.002	0.000	0.002	0.004	0.003
ES0014R	benzo_a_pyrene	pm10	0.006	0.016	0.007	0.005	0.002	0.002	0.002	0.002	0.006	0.000	0.006	0.012	0.005
ES0014R	benzo_ghi_perylene	pm10	0.011	0.011	0.011	0.002	0.002	0.002	0.002	0.002	0.012	0.000	0.005	0.019	0.007
ES0014R	benzo_k_fluoranthene	pm10	0.009	0.020	0.008	0.002	0.005	0.002	0.002	0.002	0.006	0.000	0.011	0.072	0.012
ES0014R	chrysene	pm10	0.014	0.025	0.006	0.004	0.002	0.002	0.002	0.002	0.002	0.011	0.006	0.012	0.007
ES0014R	dibenzo_ah_anthracene	pm10	0.001	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.002	0.006	0.001
ES0014R	inden_123cd_pyrene	pm10	0.013	0.016	0.019	0.009	0.002	0.002	0.002	0.002	0.013	0.000	0.007	0.029	0.010
ES0014R	naphthalene	pm10	0.009	0.000	0.009	0.000	0.000	0.000	0.009	0.000	0.009	0.000	0.000	0.000	0.003
ES0014R	phenanthrene	pm10	0.008	0.010	0.002	0.006	0.006	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.005
ES0014R	pyrene	pm10	0.007	0.014	0.003	0.003	0.003	0.000	0.000	0.000	0.003	0.000	0.003	0.003	0.003
FI0018R	anthracene	pm10	0.063	0.097	0.097	-	0.002	0.002	0.002	0.002	0.002	0.018	0.017	0.071	0.027
FI0018R	benz_a_anthracene	pm10	0.286	0.287	0.287	-	0.028	0.027	0.007	0.030	0.032	0.127	0.108	0.298	0.122
FI0018R	benzo_a_pyrene	pm10	0.341	0.310	0.310	-	0.029	0.029	0.029	0.029	0.029	0.138	0.127	0.305	0.136
FI0018R	benzo_bjk_fluoranthenes	pm10	0.847	0.859	0.859	-	0.089	0.070	0.048	0.089	0.092	0.360	0.325	0.825	0.358
FI0018R	benzo_ghi_perylene	pm10	0.364	0.389	0.389	-	0.046	0.038	0.018	0.057	0.048	0.169	0.140	0.387	0.165
FI0018R	chrysene	pm10	0.434	0.462	0.462	-	0.051	0.043	0.028	0.044	0.051	0.192	0.157	0.445	0.190
FI0018R	dibenzo_ac_ah_anthracenes	pm10	0.030	0.033	0.033	-	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.039	0.019
FI0018R	fluoranthene	pm10	1.022	1.204	1.206	-	0.103	0.086	0.047	0.074	0.095	0.349	0.353	0.986	0.428

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
FI0018R	inden_123cd_pyrene	pm10	0.229	0.278	0.279	-	0.041	0.033	0.024	0.043	0.039	0.131	0.115	0.287	0.121
FI0018R	phenanthrene	pm10	0.810	1.207	1.212	-	0.034	0.034	0.034	0.034	0.034	0.176	0.222	0.858	0.340
FI0018R	pyrene	pm10	0.840	1.025	1.027	-	0.096	0.088	0.045	0.083	0.096	0.343	0.312	0.868	0.376
FI0036R	anthracene	pm10	0.009	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.003
FI0036R	benz_a_anthracene	pm10	0.046	0.029	0.013	0.006	0.002	0.002	0.002	0.002	0.005	0.006	0.013	0.044	0.014
FI0036R	benzo_a_pyrene	pm10	0.074	0.047	0.019	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.055	0.022
FI0036R	benzo_bjk_fluoranthenes	pm10	0.186	0.121	0.054	0.023	0.008	0.002	0.014	0.011	0.019	0.019	0.057	0.104	0.051
FI0036R	chrysene	pm10	0.081	0.054	0.028	0.013	0.011	0.003	0.013	0.010	0.011	0.011	0.017	0.065	0.026
FI0036R	fluoranthene	pm10	0.186	0.156	0.085	0.038	0.013	0.013	0.013	0.013	0.013	0.014	0.042	0.136	0.060
FI0036R	inden_123cd_pyrene	pm10	0.044	0.035	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.047	0.016
FI0036R	phenanthrene	pm10	0.100	0.072	0.044	0.008	0.008	0.008	0.008	0.008	0.008	0.017	0.021	0.063	0.030
FI0036R	pyrene	pm10	0.161	0.127	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.117	0.066
FI0036R	BDE_100	air+aerosol	0.012	0.011	0.011	0.012	0.030	0.011	0.010	0.010	0.010	0.022	0.010	0.010	0.013
FI0036R	BDE_153	air+aerosol	0.016	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015
FI0036R	BDE_154	air+aerosol	0.025	0.022	0.022	0.022	0.023	0.022	0.025	0.020	0.020	0.020	0.020	0.020	0.022
FI0036R	BDE_209	air+aerosol	0.290	0.273	0.055	0.183	0.217	0.060	1.024	0.193	0.830	0.442	1.770	0.361	0.486
FI0036R	BDE_47	air+aerosol	0.013	0.010	0.010	0.032	0.067	0.059	0.271	0.047	0.035	0.011	0.029	0.011	0.048
FI0036R	BDE_85	air+aerosol	0.016	0.014	0.014	0.014	0.014	0.014	0.015	0.031	0.015	0.015	0.015	0.015	0.016
FI0036R	BDE_99	air+aerosol	0.019	0.017	0.017	0.017	0.017	0.017	0.107	0.015	0.015	0.015	0.015	0.015	0.023
FI0036R	FTS_6-2	air+aerosol	0.088	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.128	0.061
FI0036R	HCB	air+aerosol	32.2	35.5	33.8	39.1	21.5	18.3	4.9	6.3	9.1	13.1	18.5	19.9	21.1
FI0036R	PCB_101	air+aerosol	0.172	0.178	0.150	0.211	0.342	0.290	1.061	0.336	0.335	0.157	0.217	0.263	0.305
FI0036R	PCB_118	air+aerosol	0.096	0.089	0.095	0.109	0.107	0.160	0.356	0.073	0.066	0.019	0.075	0.231	0.121
FI0036R	PCB_138	air+aerosol	0.022	0.037	0.044	0.048	0.061	0.057	0.361	0.093	0.064	0.019	0.069	0.170	0.085
FI0036R	PCB_153	air+aerosol	0.070	0.081	0.092	0.111	0.161	0.100	0.441	0.117	0.116	0.064	0.076	0.134	0.128
FI0036R	PCB_180	air+aerosol	0.017	0.037	0.030	0.017	0.043	0.015	0.058	0.015	0.015	0.015	0.015	0.015	0.024
FI0036R	PCB_28	air+aerosol	0.367	0.389	0.370	0.484	0.535	0.430	1.305	0.476	0.525	0.385	0.475	0.481	0.514
FI0036R	PCB_52	air+aerosol	0.358	0.372	0.400	0.564	0.716	0.620	1.934	0.543	0.578	0.303	0.367	0.413	0.590
FI0036R	PFBA	air+aerosol	0.108	0.099	0.216	0.689	0.831	0.631	0.070	3.326	1.228	1.215	0.219	0.202	0.707
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
FI0036R	PFDcA	air+aerosol	0.052	0.050	0.050	0.086	0.050	0.050	0.050	0.102	0.050	0.058	0.050	0.050	0.057
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
FI0036R	PFHpA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.077	0.064	0.050	0.050	0.050	0.050	0.054
FI0036R	PFHxA	air+aerosol	0.071	0.075	0.126	0.239	0.081	0.058	0.050	0.292	0.050	0.184	0.050	0.050	0.104
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
FI0036R	PFNA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.059	0.050	0.050	0.050	0.050	0.051
FI0036R	PFOA	air+aerosol	0.076	0.064	0.094	0.199	0.062	0.050	0.065	0.274	0.073	0.157	0.052	0.088	0.100
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
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
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
FI0036R	alpha_HCH	air+aerosol	1.93	1.74	1.79	2.53	3.27	2.75	4.26	2.88	3.77	0.63	0.36	0.26	2.17
FI0036R	alpha_endosulfan	air+aerosol	0.080	0.083	0.120	0.143	0.268	0.320	0.339	0.817	0.320	0.247	0.210	0.070	0.264
FI0036R	anthracene	air+aerosol	0.007	0.005	0.003	0.002	0.002	0.002	0.002	0.003	0.005	0.002	0.003	0.008	0.004

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
FI0036R	benz_a_anthracene	air+aerosol	0.029	0.018	0.007	0.002	0.002	0.001	0.001	0.003	0.005	0.006	0.012	0.027	0.010
FI0036R	benzo_a_pyrene	air+aerosol	0.035	0.021	0.010	0.004	0.003	0.003	0.022	0.023	0.010	0.024	0.012	0.027	0.016
FI0036R	benzo_b_fluoranthene	air+aerosol	0.056	0.042	0.021	0.008	0.006	0.003	0.003	0.003	0.007	0.009	0.019	0.045	0.019
FI0036R	benzo_ghi_perylene	air+aerosol	0.035	0.024	0.011	0.004	0.003	0.002	0.001	0.002	0.004	0.006	0.013	0.034	0.012
FI0036R	benzo_k_fluoranthene	air+aerosol	0.023	0.016	0.008	0.003	0.003	0.001	0.001	0.001	0.003	0.004	0.007	0.019	0.008
FI0036R	beta_endosulfan	air+aerosol	0.030	0.030	0.025	0.025	0.026	0.030	0.025	0.091	0.025	0.025	0.025	0.025	0.032
FI0036R	chrysene	air+aerosol	0.055	0.041	0.020	0.010	0.009	0.004	0.004	0.010	0.010	0.016	0.020	0.049	0.023
FI0036R	dibenzo_ah_anthracene	air+aerosol	0.005	0.004	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.002	0.005	0.002
FI0036R	fluoranthene	air+aerosol	0.219	0.193	0.100	0.044	0.037	0.020	0.039	0.023	0.040	0.043	0.080	0.192	0.086
FI0036R	gamma_HCH	air+aerosol	0.38	0.53	0.37	0.64	1.16	0.59	1.81	0.96	0.97	0.51	0.25	0.42	0.71
FI0036R	inden_123cd_pyrene	air+aerosol	0.041	0.030	0.015	0.005	0.004	0.002	0.001	0.002	0.004	0.004	0.008	0.033	0.012
FI0036R	phenanthrene	air+aerosol	0.530	0.498	0.210	0.145	0.134	0.090	0.167	0.100	0.150	0.127	0.220	0.416	0.232
FI0036R	pp_DDD	air+aerosol	0.010	0.012	0.040	0.013	0.027	0.010	0.010	0.010	0.010	0.122	0.010	0.010	0.024
FI0036R	pp_DDE	air+aerosol	0.510	0.445	0.250	0.250	0.233	0.120	0.236	0.099	0.140	0.174	0.380	0.501	0.278
FI0036R	pp_DDT	air+aerosol	0.061	0.058	0.030	0.041	0.094	0.050	0.156	0.045	0.070	0.049	0.040	0.059	0.062
FI0036R	pyrene	air+aerosol	0.127	0.097	0.060	0.023	0.019	0.010	0.020	0.012	0.020	0.021	0.040	0.115	0.047
FI0050R	anthracene	pm10	0.035	0.047	0.033	0.012	0.002	0.002	0.002	0.002	0.002	0.006	0.014	0.028	0.015
FI0050R	benz_a_anthracene	pm10	0.148	0.174	0.124	0.095	0.025	0.023	0.007	0.024	0.037	0.058	0.079	0.149	0.078
FI0050R	benzo_a_pyrene	pm10	0.211	0.221	0.164	0.133	0.030	0.029	0.029	0.029	0.030	0.080	0.102	0.170	0.102
FI0050R	benzo_bjk_fluoranthenes	pm10	0.510	0.538	0.342	0.236	0.068	0.036	0.048	0.067	0.105	0.170	0.255	0.425	0.232
FI0050R	benzo_ghi_perylene	pm10	0.229	0.253	0.179	0.144	0.019	0.018	0.019	0.042	0.059	0.089	0.106	0.205	0.113
FI0050R	chrysene	pm10	0.222	0.275	0.186	0.132	0.045	0.032	0.030	0.036	0.053	0.090	0.112	0.226	0.119
FI0050R	dibenzo_ac_ah_anthracenes	pm10	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.023	0.013
FI0050R	fluoranthene	pm10	0.588	0.679	0.528	0.306	0.086	0.056	0.040	0.062	0.088	0.166	0.240	0.489	0.275
FI0050R	inden_123cd_pyrene	pm10	0.137	0.177	0.109	0.101	0.032	0.029	0.021	0.033	0.046	0.076	0.090	0.170	0.084
FI0050R	phenanthrene	pm10	0.429	0.617	0.444	0.137	0.035	0.034	0.034	0.034	0.035	0.078	0.148	0.368	0.197
FI0050R	pyrene	pm10	0.532	0.616	0.494	0.314	0.081	0.039	0.043	0.081	0.100	0.169	0.214	0.414	0.256
FR0008R	benz_a_anthracene	pm10	-	0.203	0.069	-	0.009	0.009	0.009	0.009	0.009	0.026	0.096	0.039	0.042
FR0008R	benzo_a_pyrene	pm10	-	0.231	0.083	-	0.018	0.018	0.018	0.018	0.018	0.045	0.125	0.068	0.057
FR0008R	benzo_b_fluoranthene	pm10	-	0.484	0.142	-	0.018	0.018	0.018	0.018	0.018	0.076	0.194	0.101	0.096
FR0008R	benzo_k_fluoranthene	pm10	-	0.193	0.056	-	0.018	0.018	0.018	0.018	0.018	0.036	0.092	0.042	0.046
FR0008R	dibenzo_ah_anthracene	pm10	-	0.054	0.027	-	0.018	0.018	0.018	0.018	0.018	0.018	0.037	0.022	0.024
FR0008R	inden_123cd_pyrene	pm10	-	0.259	0.092	-	0.018	0.018	0.018	0.018	0.018	0.057	0.151	0.081	0.065
FR0009R	benz_a_anthracene	pm10	0.018	0.048	0.096	0.012	0.024	0.009	0.009	0.009	0.009	0.060	0.082	0.041	0.036
FR0009R	benzo_a_pyrene	pm10	0.035	0.078	0.121	0.018	0.018	0.018	0.018	0.018	0.018	0.102	0.133	0.070	0.055
FR0009R	benzo_b_fluoranthene	pm10	0.058	0.157	0.216	0.023	0.028	0.022	0.018	0.018	0.030	0.156	0.217	0.116	0.090
FR0009R	benzo_k_fluoranthene	pm10	0.028	0.058	0.080	0.018	0.018	0.018	0.018	0.018	0.018	0.067	0.094	0.047	0.041
FR0009R	dibenzo_ah_anthracene	pm10	0.018	0.018	0.034	0.018	0.018	0.018	0.018	0.018	0.018	0.027	0.032	0.018	0.021
FR0009R	inden_123cd_pyrene	pm10	0.047	0.120	0.142	0.018	0.018	0.018	0.018	0.018	0.018	0.112	0.167	0.093	0.067

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
FR0013R	benz_a_anthracene	pm10	0.015	0.052	0.009	0.009	0.011	0.009	0.009	0.009	0.009	0.010	0.015	0.015	0.014
FR0013R	benzo_a_pyrene	pm10	0.032	0.083	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.022	0.034	0.037	0.028
FR0013R	benzo_b_fluoranthene	pm10	0.068	0.187	0.018	0.025	0.018	0.018	0.018	0.018	0.018	0.032	0.077	0.083	0.049
FR0013R	benzo_k_fluoranthene	pm10	0.028	0.065	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.021	0.026	0.030	0.025
FR0013R	dibenzo_ah_anthracene	pm10	0.018	0.025	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018
FR0013R	inden_123cd_pyrene	pm10	0.049	0.122	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.028	0.067	0.066	0.038
FR0023R	benz_a_anthracene	pm10	0.037	0.136	0.037	0.035	0.009	0.009	0.009	0.009	0.009	0.010	0.032	0.099	0.036
FR0023R	benzo_a_pyrene	pm10	0.080	0.195	0.066	0.065	0.018	0.018	0.018	0.018	0.018	0.025	0.081	0.144	0.062
FR0023R	benzo_b_fluoranthene	pm10	0.104	0.324	0.095	0.067	0.018	0.018	0.018	0.018	0.018	0.045	0.110	0.223	0.088
FR0023R	benzo_k_fluoranthene	pm10	0.045	0.127	0.032	0.039	0.018	0.018	0.018	0.018	0.018	0.025	0.049	0.100	0.042
FR0023R	dibenzo_ah_anthracene	pm10	0.018	0.033	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.020	0.036	0.021
FR0023R	inden_123cd_pyrene	pm10	0.096	0.199	0.075	0.057	0.018	0.018	0.018	0.018	0.018	0.039	0.088	0.167	0.068
FR0024R	benz_a_anthracene	pm10	0.023	0.097	0.022	0.014	0.011	0.009	0.009	0.009	0.009	0.028	0.066	0.028	0.027
FR0024R	benzo_a_pyrene	pm10	0.059	0.163	0.045	0.021	0.018	0.018	0.018	0.018	0.018	0.069	0.145	0.067	0.055
FR0024R	benzo_b_fluoranthene	pm10	0.097	0.273	0.089	0.032	0.018	0.018	0.018	0.018	0.018	0.112	0.269	0.121	0.091
FR0024R	benzo_k_fluoranthene	pm10	0.046	0.107	0.032	0.018	0.018	0.018	0.018	0.018	0.018	0.049	0.117	0.050	0.043
FR0024R	dibenzo_ah_anthracene	pm10	0.023	0.035	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.025	0.043	0.022	0.023
FR0024R	inden_123cd_pyrene	pm10	0.089	0.215	0.080	0.025	0.018	0.018	0.018	0.018	0.018	0.094	0.208	0.093	0.075
FR0025R	benz_a_anthracene	pm10	0.009	0.569	0.084	0.014	0.014	0.009	0.009	0.009	0.009	0.017	0.048	0.039	0.068
FR0025R	benzo_a_pyrene	pm10	0.018	0.577	0.128	0.026	0.018	0.018	0.018	0.018	0.018	0.043	0.103	0.078	0.088
FR0025R	benzo_b_fluoranthene	pm10	0.035	0.663	0.175	0.046	0.023	0.022	0.018	0.018	0.023	0.054	0.176	0.139	0.115
FR0025R	benzo_k_fluoranthene	pm10	0.018	0.291	0.072	0.023	0.018	0.018	0.018	0.018	0.018	0.025	0.075	0.058	0.054
FR0025R	dibenzo_ah_anthracene	pm10	0.018	0.081	0.029	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.035	0.023	0.026
FR0025R	inden_123cd_pyrene	pm10	0.038	0.575	0.116	0.036	0.021	0.018	0.018	0.018	0.018	0.049	0.151	0.110	0.097
GB0014R	anthanthrene	aerosol	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
GB0014R	benz_a_anthracene	aerosol	0.041	0.057	0.081	0.021	0.023	0.005	0.005	0.005	0.005	0.005	0.084	0.068	0.033
GB0014R	benzo_a_pyrene	aerosol	0.051	0.063	0.087	0.005	0.035	0.005	0.005	0.005	0.005	0.019	0.130	0.084	0.041
GB0014R	benzo_b_fluoranthene	aerosol	0.120	0.120	0.140	0.055	0.005	0.005	0.005	0.005	0.026	0.040	0.300	0.210	0.085
GB0014R	benzo_e_pyrene	aerosol	0.110	0.130	0.140	0.034	0.005	0.005	0.032	0.005	0.021	0.035	0.200	0.170	0.073
GB0014R	benzo_ghi_perylene	aerosol	0.110	0.120	0.130	0.005	0.048	0.005	0.005	0.005	0.027	0.048	0.190	0.170	0.072
GB0014R	benzo_k_fluoranthene	aerosol	0.066	0.100	0.230	0.032	0.029	0.005	0.005	0.005	0.005	0.005	0.100	0.110	0.057
GB0014R	chrysene	aerosol	0.093	0.130	0.170	0.036	0.052	0.005	0.005	0.005	0.005	0.031	0.170	0.130	0.069
GB0014R	coronene	aerosol	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.019	0.058	0.039	0.013
GB0014R	cyclopenta_cd_pyrene	aerosol	0.250	0.390	0.064	0.005	0.017	0.005	0.005	0.005	0.005	0.005	0.043	0.033	0.067
GB0014R	dibenzo_ah_anthracene	aerosol	0.005	0.006	0.006	0.036	0.021	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009
GB0014R	dibenzo_ai_pyrene	aerosol	0.005	0.006	0.006	0.005	0.042	0.005	0.005	0.005	0.005	0.005	0.035	0.005	0.010
GB0014R	inden_123cd_pyrene	aerosol	0.100	0.006	0.110	0.005	0.039	0.005	0.005	0.005	0.022	0.029	0.140	0.110	0.048
GB0014R	perylene	aerosol	0.005	0.006	0.006	0.021	0.005	0.005	0.005	0.005	0.005	0.018	0.005	0.005	0.007
GB0048R	anthanthrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.021	0.005	0.005	0.005	0.006

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
GB0048R	benz_a_anthracene	pm10	0.020	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.032	0.033	0.011
GB0048R	benzo_a_pyrene	pm10	0.025	0.031	0.033	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.036	0.036	0.016
GB0048R	benzo_b_fluoranthene	pm10	0.053	0.062	0.100	0.005	0.026	0.005	0.005	0.005	0.006	0.025	0.086	0.084	0.038
GB0048R	benzo_e_pyrene	pm10	0.048	0.064	0.063	0.005	0.018	0.005	0.005	0.005	0.006	0.020	0.056	0.070	0.030
GB0048R	benzo_ghi_perylene	pm10	0.053	0.068	0.053	0.019	0.028	0.005	0.005	0.005	0.006	0.023	0.058	0.073	0.033
GB0048R	benzo_k_fluoranthene	pm10	0.020	0.035	0.060	0.005	0.018	0.005	0.005	0.005	0.006	0.005	0.005	0.042	0.017
GB0048R	chrysene	pm10	0.039	0.043	0.005	0.005	0.024	0.005	0.005	0.005	0.006	0.005	0.050	0.052	0.020
GB0048R	coronene	pm10	0.005	0.006	0.028	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.022	0.024	0.010
GB0048R	cyclopenta_cd_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005
GB0048R	dibenzo_ae_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005
GB0048R	dibenzo_ah_anthracene	pm10	0.005	0.006	0.018	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.006
GB0048R	dibenzo_ah_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005
GB0048R	dibenzo_ai_pyrene	pm10	0.005	0.006	0.005	0.005	0.023	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.006
GB0048R	inden_123cd_pyrene	pm10	0.052	0.066	0.040	0.005	0.023	0.005	0.005	0.005	0.006	0.018	0.043	0.051	0.026
GB0048R	perylene	pm10	0.005	0.006	0.005	0.032	0.026	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.009
GB1055R	anthanthrene	pm10	0.021	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.019	0.025	0.009
GB1055R	benz_a_anthracene	pm10	0.059	0.086	0.099	0.005	0.033	0.005	0.005	0.005	0.027	0.036	0.066	0.084	0.042
GB1055R	benzo_a_pyrene	pm10	0.084	0.120	0.140	0.005	0.039	0.018	0.019	0.005	0.030	0.062	0.089	0.110	0.060
GB1055R	benzo_b_fluoranthene	pm10	0.160	0.230	0.210	0.029	0.005	0.033	0.033	0.025	0.005	0.110	0.200	0.190	0.102
GB1055R	benzo_e_pyrene	pm10	0.120	0.170	0.140	0.027	0.005	0.056	0.024	0.005	0.049	0.088	0.120	0.170	0.081
GB1055R	benzo_ghi_perylene	pm10	0.120	0.160	0.099	0.032	0.057	0.025	0.029	0.005	0.051	0.087	0.150	0.180	0.082
GB1055R	benzo_k_fluoranthene	pm10	0.080	0.110	0.110	0.043	0.028	0.005	0.005	0.005	0.005	0.036	0.033	0.140	0.050
GB1055R	chrysene	pm10	0.110	0.170	0.190	0.005	0.060	0.018	0.017	0.005	0.040	0.067	0.110	0.130	0.076
GB1055R	coronene	pm10	0.005	0.006	0.045	0.005	0.024	0.005	0.005	0.005	0.005	0.038	0.050	0.044	0.020
GB1055R	cyclopenta_cd_pyrene	pm10	0.044	0.061	0.075	0.005	0.023	0.005	0.005	0.005	0.005	0.022	0.038	0.043	0.027
GB1055R	dibenzo_ae_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.018	0.005	0.005	0.006
GB1055R	dibenzo_ah_anthracene	pm10	0.021	0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.022	0.005	0.005	0.009
GB1055R	dibenzo_ah_pyrene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
GB1055R	dibenzo_ai_pyrene	pm10	0.005	0.006	0.005	0.005	0.036	0.005	0.005	0.005	0.005	0.031	0.038	0.005	0.012
GB1055R	inden_123cd_pyrene	pm10	0.110	0.150	0.088	0.005	0.045	0.024	0.026	0.021	0.040	0.072	0.120	0.130	0.069
GB1055R	perylene	pm10	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
HR0002R	benz_a_anthracene	aerosol	0.133	0.435	0.171	0.035	0.026	0.010	0.013	0.017	0.059	0.094	0.204	0.192	0.127
HR0002R	benzo_a_pyrene	aerosol	0.108	0.287	0.196	0.116	0.067	0.090	0.101	0.078	0.056	0.123	0.182	0.140	0.135
HR0002R	benzo_bjk_fluoranthenes	aerosol	0.325	0.813	0.263	0.045	0.037	0.025	0.029	0.037	0.069	0.182	0.307	0.282	0.221
HR0002R	benzo_ghi_perylene	aerosol	0.111	0.263	0.118	0.026	0.021	0.010	0.013	0.018	0.042	0.098	0.146	0.141	0.092
HR0002R	chrysene	aerosol	0.145	0.696	0.264	0.052	0.037	0.010	0.019	0.041	0.069	0.158	0.265	0.212	0.180
HR0002R	inden_123cd_pyrene	aerosol	0.218	0.422	0.237	0.050	0.029	0.010	0.017	0.030	0.061	0.166	0.247	0.257	0.161
IS0091R	BDE_100	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	BDE_47	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	BDE_99	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	HCB	air+aerosol	8.6	6.9	-	-	-	-	-	-	-	-	-	-	-

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
IS0091R	PCB_101	air+aerosol	0.426	0.219	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_105	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_118	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_138	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_153	air+aerosol	0.554	0.317	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_156	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_180	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_28	air+aerosol	3.266	2.541	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_31	air+aerosol	3.075	1.929	-	-	-	-	-	-	-	-	-	-	-
IS0091R	PCB_52	air+aerosol	1.871	1.082	-	-	-	-	-	-	-	-	-	-	-
IS0091R	alpha_HCH	air+aerosol	1.61	1.67	-	-	-	-	-	-	-	-	-	-	-
IS0091R	beta_HCH	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	cis_CD	air+aerosol	0.470	0.654	-	-	-	-	-	-	-	-	-	-	-
IS0091R	dieldrin	air+aerosol	0.196	0.430	-	-	-	-	-	-	-	-	-	-	-
IS0091R	gamma_HCH	air+aerosol	1.74	1.42	-	-	-	-	-	-	-	-	-	-	-
IS0091R	op_DDT	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	pp_DDD	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	pp_DDE	air+aerosol	0.194	0.448	-	-	-	-	-	-	-	-	-	-	-
IS0091R	pp_DDT	air+aerosol	0.185	0.097	-	-	-	-	-	-	-	-	-	-	-
IS0091R	trans_CD	air+aerosol	0.280	0.420	-	-	-	-	-	-	-	-	-	-	-
IS0091R	trans_NO	air+aerosol	0.198	0.485	-	-	-	-	-	-	-	-	-	-	-
LV0010R	benz_a_anthracene	pm10	0.911	0.845	0.534	0.180	0.118	0.035	0.024	0.031	0.042	0.155	0.500	1.016	0.374
LV0010R	benzo_a_pyrene	pm10	0.736	0.562	0.330	0.144	0.069	0.024	0.009	0.012	0.049	0.216	0.530	0.813	0.297
LV0010R	benzo_b_fluoranthene	pm10	1.108	0.919	0.498	0.272	0.112	0.049	0.027	0.022	0.057	0.381	0.743	1.299	0.465
LV0010R	benzo_k_fluoranthene	pm10	0.562	0.481	0.275	0.136	0.061	0.028	0.030	0.012	0.031	0.185	0.381	0.608	0.237
LV0010R	dibenzo_ah_anthracene	pm10	0.135	0.110	0.059	0.049	0.007	0.010	0.009	0.010	0.007	0.032	0.087	0.121	0.056
LV0010R	inden_123cd_pyrene	pm10	1.008	0.758	0.415	0.250	0.087	0.056	0.049	0.021	0.049	0.299	0.707	1.051	0.404
NL0091R	benz_a_anthracene	pm10	0.091	0.109	0.126	0.013	0.011	0.007	0.011	0.007	0.014	0.020	0.185	0.071	0.056
NL0091R	benzo_a_pyrene	pm10	0.104	0.146	0.148	0.021	0.016	0.009	0.015	0.010	0.019	0.041	0.275	0.123	0.077
NL0091R	benzo_bjk_fluoranthenes	pm10	0.440	0.613	0.630	0.108	0.077	0.045	0.059	0.039	0.089	0.165	0.882	0.444	0.299
NL0091R	benzo_ghi_perylene	pm10	0.175	0.221	0.198	0.050	0.031	0.020	0.026	0.015	0.035	0.072	0.368	0.190	0.117
NL0091R	chrysene	pm10	0.150	0.233	0.274	0.040	0.028	0.014	0.017	0.012	0.025	0.044	0.291	0.131	0.105
NL0091R	dibenzo_ah_anthracene	pm10	0.030	0.035	0.034	0.008	0.007	0.005	0.006	0.004	0.008	0.011	0.059	0.033	0.020
NL0091R	indeno_123cd_perylene	pm10	0.188	0.237	0.228	0.048	0.035	0.022	0.028	0.016	0.037	0.072	0.377	0.183	0.123
NO0002R	FTS_6-2	air+aerosol	0.027	0.040	0.040	0.083	0.040	0.051	0.040	0.089	0.040	0.040	0.040	0.040	0.050
NO0002R	PFBS	air+aerosol	0.027	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0002R	PFHpA	air+aerosol	0.080	0.100	0.100	0.100	0.170	0.249	0.337	0.208	0.121	0.100	0.100	0.100	0.155
NO0002R	PFHxA	air+aerosol	0.417	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110
NO0002R	PFHxS	air+aerosol	0.027	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.022	0.020
NO0002R	PFNA	air+aerosol	0.070	0.074	0.070	0.234	0.164	0.257	0.269	0.222	0.197	0.084	0.123	0.076	0.164
NO0002R	PFOA	air+aerosol	0.103	0.122	0.050	0.355	0.328	0.390	0.390	0.391	0.341	0.121	0.250	0.111	0.264

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
NO0002R	a_HBCD	air+aerosol	0.126	0.123	0.118	0.125	0.163	0.126	0.129	0.127	0.125	0.134	0.123	0.124	0.129
NO0002R	b_HBCD	air+aerosol	0.046	0.045	0.043	0.045	0.054	0.046	0.047	0.046	0.045	0.048	0.045	0.045	0.046
NO0002R	g_HBCD	air+aerosol	0.151	0.149	0.142	0.150	0.163	0.164	0.155	0.153	0.151	0.155	0.148	0.149	0.153
NO0002R	1-methylnaphthalene	air+aerosol	0.075	0.161	0.095	0.061	0.032	0.041	0.024	0.017	0.028	0.059	0.110	0.110	0.064
NO0002R	1-methylphenanthrene	air+aerosol	-	0.220	0.047	0.091	0.030	0.045	0.040	0.018	0.030	0.053	0.038	0.047	0.052
NO0002R	2-methylanthracene	air+aerosol	0.003	0.002	0.002	0.002	0.002	0.012	0.003	0.002	0.002	0.002	0.003	0.003	0.003
NO0002R	2-methylnaphthalene	air+aerosol	0.095	0.182	0.108	0.082	0.046	0.069	0.039	0.022	0.035	0.072	0.116	0.120	0.078
NO0002R	2-methylphenanthrene	air+aerosol	0.156	0.141	0.089	0.084	0.048	0.101	0.104	0.034	0.050	0.093	0.057	0.053	0.081
NO0002R	3-methylphenanthrene	air+aerosol	0.129	0.111	0.071	0.061	0.041	0.094	0.092	0.031	0.046	0.081	0.053	0.045	0.069
NO0002R	9-methylphenanthrene	air+aerosol	0.047	0.042	0.025	0.021	0.016	0.042	0.031	0.012	0.017	0.024	0.020	0.019	0.026
NO0002R	BDE_100	air+aerosol	0.007	0.010	0.007	0.004	0.007	0.004	0.005	0.005	0.002	0.007	0.007	0.006	0.006
NO0002R	BDE_119	air+aerosol	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	-	0.001	0.001
NO0002R	BDE_138	air+aerosol	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0002R	BDE_153	air+aerosol	0.007	0.010	0.008	0.003	0.005	0.003	-	0.006	0.002	0.011	0.009	0.006	0.006
NO0002R	BDE_154	air+aerosol	0.006	0.008	0.006	0.003	0.005	0.002	0.002	0.005	0.002	0.007	0.007	0.007	0.005
NO0002R	BDE_183	air+aerosol	0.012	0.018	0.009	0.006	0.009	0.005	0.004	0.018	0.007	0.038	0.014	0.015	0.013
NO0002R	BDE_196	air+aerosol	0.005	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.007	-	0.004
NO0002R	BDE_206	air+aerosol	0.076	0.045	0.035	0.043	0.036	0.032	0.066	0.051	0.032	0.075	0.134	0.132	0.064
NO0002R	BDE_209	air+aerosol	1.350	0.299	0.267	0.294	0.402	0.350	1.430	0.332	0.138	0.387	2.910	3.040	0.964
NO0002R	BDE_28	air+aerosol	0.009	0.010	0.004	0.007	0.008	0.005	0.009	0.008	0.004	0.011	0.006	0.004	0.007
NO0002R	BDE_47	air+aerosol	0.048	0.058	0.034	0.036	0.050	0.033	0.055	0.041	0.021	0.050	0.041	0.034	0.042
NO0002R	BDE_49	air+aerosol	0.011	0.011	0.006	0.006	0.009	0.004	0.009	0.009	0.004	0.009	0.005	0.005	0.007
NO0002R	BDE_66	air+aerosol	0.008	0.006	0.004	0.003	0.004	0.002	0.004	0.004	0.002	0.004	-	-	0.004
NO0002R	BDE_71	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
NO0002R	BDE_77	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0002R	BDE_85	air+aerosol	0.003	0.003	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002
NO0002R	BDE_99	air+aerosol	0.025	0.048	0.037	0.018	0.022	0.014	0.021	0.018	0.008	0.031	0.034	0.027	0.024
NO0002R	HCB	air+aerosol	61.9	62.5	65.4	56.8	40.6	34.5	25.0	35.1	39.3	56.2	45.0	59.9	47.8
NO0002R	PCB_101	air+aerosol	0.276	0.376	0.429	1.121	0.531	0.662	0.832	0.360	0.552	0.621	0.652	0.381	0.556
NO0002R	PCB_105	air+aerosol	0.020	0.031	0.141	0.499	0.041	0.046	0.065	0.028	0.044	0.038	0.042	0.028	0.077
NO0002R	PCB_114	air+aerosol	0.005	0.005	0.010	0.027	0.006	0.006	0.008	0.005	0.006	0.005	0.006	0.005	0.008
NO0002R	PCB_118	air+aerosol	0.070	0.100	0.306	1.067	0.139	0.164	0.226	0.099	0.149	0.140	0.154	0.099	0.210
NO0002R	PCB_122	air+aerosol	0.003	0.002	0.007	0.002	0.004	0.004	0.009	0.003	0.004	0.005	0.006	0.004	0.004
NO0002R	PCB_123	air+aerosol	0.004	0.002	0.005	0.024	0.003	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.005
NO0002R	PCB_128	air+aerosol	0.012	0.020	0.058	0.284	0.027	0.033	0.044	0.018	0.025	0.023	0.026	0.014	0.040
NO0002R	PCB_138	air+aerosol	0.091	0.181	0.303	0.924	0.231	0.297	0.415	0.154	0.201	0.212	0.224	0.117	0.269
NO0002R	PCB_141	air+aerosol	0.022	0.047	0.047	0.123	0.064	0.099	0.120	0.040	0.070	0.065	0.066	0.034	0.065
NO0002R	PCB_149	air+aerosol	0.167	0.278	0.246	0.558	0.387	0.509	0.695	0.270	0.376	0.416	0.445	0.226	0.380
NO0002R	PCB_153	air+aerosol	0.145	0.270	0.289	0.746	0.330	0.426	0.584	0.225	0.333	0.382	0.400	0.211	0.357
NO0002R	PCB_156	air+aerosol	0.005	0.011	0.032	0.088	0.010	0.013	0.016	0.006	0.010	0.014	0.010	0.007	0.018
NO0002R	PCB_157	air+aerosol	0.001	0.002	0.007	0.018	0.001	0.002	0.002	0.001	0.001	0.002	0.003	0.002	0.004
NO0002R	PCB_167	air+aerosol	0.003	0.004	0.010	0.052	0.005	0.007	0.009	0.003	0.005	0.006	0.006	0.004	0.008
NO0002R	PCB_170	air+aerosol	0.008	0.034	0.023	0.056	0.027	0.030	0.043	0.014	0.021	0.022	0.022	0.011	0.026
NO0002R	PCB_18	air+aerosol	1.516	1.485	1.209	1.159	1.013	0.859	0.775	0.610	1.399	1.715	1.657	2.061	1.254

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
NO0002R	PCB_180	air+aerosol	0.033	0.126	0.074	0.182	0.074	0.095	0.134	0.045	0.057	0.068	0.078	0.034	0.084
NO0002R	PCB_183	air+aerosol	0.010	0.032	0.020	0.042	0.030	0.047	0.053	0.020	0.026	0.041	0.040	0.017	0.031
NO0002R	PCB_187	air+aerosol	0.034	0.099	0.056	0.117	0.082	0.100	0.146	0.061	0.073	0.085	0.104	0.049	0.085
NO0002R	PCB_189	air+aerosol	0.002	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002
NO0002R	PCB_194	air+aerosol	0.004	0.015	0.006	0.013	0.005	0.006	0.005	0.004	0.003	0.006	0.012	0.004	0.007
NO0002R	PCB_206	air+aerosol	0.003	0.006	0.004	0.003	0.003	0.004	0.005	0.004	0.004	0.005	0.007	0.004	0.004
NO0002R	PCB_209	air+aerosol	0.002	0.003	0.006	0.014	0.002	0.002	0.007	0.002	0.003	0.003	0.003	0.002	0.004
NO0002R	PCB_28	air+aerosol	0.666	0.732	0.684	0.788	0.730	0.742	0.719	0.422	0.784	0.935	0.949	0.907	0.745
NO0002R	PCB_31	air+aerosol	0.623	0.701	0.646	0.721	0.677	0.685	0.669	0.393	0.727	0.878	0.888	0.841	0.696
NO0002R	PCB_33	air+aerosol	0.351	0.408	0.385	0.412	0.360	0.373	0.367	0.215	0.390	0.481	0.492	0.490	0.389
NO0002R	PCB_37	air+aerosol	0.043	0.056	0.049	0.058	0.063	0.070	0.070	0.040	0.064	0.079	0.083	0.071	0.062
NO0002R	PCB_47	air+aerosol	0.358	0.448	0.329	0.522	1.115	1.295	1.927	0.866	0.653	0.770	0.698	0.494	0.802
NO0002R	PCB_52	air+aerosol	0.587	0.723	0.661	1.030	0.836	0.910	1.059	0.551	0.845	1.001	1.039	0.768	0.827
NO0002R	PCB_66	air+aerosol	0.104	0.131	0.135	0.239	0.195	0.215	0.239	0.121	0.209	0.206	0.224	0.169	0.181
NO0002R	PCB_74	air+aerosol	0.080	0.105	0.107	0.206	0.148	0.162	0.178	0.085	0.159	0.174	0.187	0.132	0.142
NO0002R	PCB_99	air+aerosol	0.108	0.131	0.178	0.483	0.169	0.187	0.238	0.115	0.195	0.196	0.219	0.144	0.191
NO0002R	TBA	air+aerosol	5.490	4.030	3.300	1.990	2.340	1.470	3.050	3.310	3.600	4.930	4.800	4.830	3.587
NO0002R	acenaphthene	air+aerosol	0.175	0.126	0.069	0.112	0.107	0.080	0.089	0.057	0.190	0.118	0.085	0.060	0.102
NO0002R	acenaphthylene	air+aerosol	0.010	0.158	0.018	0.060	0.009	0.005	0.005	0.014	0.004	0.026	0.026	0.105	0.036
NO0002R	alpha_HCH	air+aerosol	2.31	1.75	2.49	4.99	3.22	4.00	3.05	3.87	10.00	4.11	3.24	2.69	3.73
NO0002R	anthanthrene	air+aerosol	0.002	0.002	0.001	0.004	0.001	0.001	0.001	0.002	0.002	0.001	0.004	0.005	0.002
NO0002R	anthracene	air+aerosol	-	0.058	0.035	0.037	0.006	0.011	0.007	0.003	0.006	0.010	0.011	0.023	0.018
NO0002R	benz_a_anthracene	air+aerosol	0.014	0.047	0.033	0.020	0.005	0.008	0.006	0.003	0.006	0.014	0.018	0.026	0.016
NO0002R	benzo_a_fluoranthene	air+aerosol	0.001	0.009	0.005	0.006	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.009	0.003
NO0002R	benzo_a_fluorene	air+aerosol	0.021	0.034	0.019	0.015	0.005	0.007	0.006	0.004	0.007	0.015	0.012	0.016	0.012
NO0002R	benzo_a_pyrene	air+aerosol	0.003	0.038	0.006	0.021	0.006	0.004	0.006	0.008	0.004	0.005	0.030	0.029	0.013
NO0002R	benzo_b_fluoranthene	air+aerosol	0.058	0.125	0.109	0.043	0.028	0.037	0.035	0.078	0.044	0.051	0.060	0.066	0.058
NO0002R	benzo_b_fluorene	air+aerosol	0.014	0.021	0.014	0.014	0.003	0.002	0.003	0.002	0.004	0.008	0.006	0.008	0.007
NO0002R	benzo_e_pyrene	air+aerosol	0.033	0.076	0.061	0.027	0.021	0.032	0.028	0.051	0.027	0.033	0.034	0.036	0.037
NO0002R	benzo_ghi_perylene	air+aerosol	0.034	0.083	0.060	0.029	0.013	0.013	0.012	0.039	0.020	0.023	0.044	0.043	0.032
NO0002R	benzo_k_fluoranthene	air+aerosol	0.015	0.050	0.039	0.018	0.006	0.005	0.007	0.015	0.009	0.010	0.025	0.025	0.017
NO0002R	biphenyl	air+aerosol	0.181	0.674	0.457	0.314	0.074	0.071	0.032	0.026	0.047	0.127	0.316	0.330	0.202
NO0002R	chrysene	air+aerosol	0.093	0.125	0.122	0.054	0.058	0.132	0.059	0.058	0.051	0.101	0.052	0.058	0.079
NO0002R	coronene	air+aerosol	0.017	0.033	0.033	0.012	0.004	0.004	0.003	0.010	0.006	0.008	0.024	0.022	0.013
NO0002R	cyclopenta_cd_pyrene	air+aerosol	-	-	-	-	-	0.004	-	-	-	-	-	0.001	-
NO0002R	dibenzo_ae_pyrene	air+aerosol	0.004	0.010	0.008	0.005	0.004	0.004	0.003	0.011	0.011	0.006	0.008	0.009	0.007
NO0002R	dibenzo_ah_anthracene	air+aerosol	0.004	0.011	0.010	0.005	0.003	0.004	0.003	0.005	0.005	0.005	0.007	0.008	0.006
NO0002R	dibenzo_ah_pyrene	air+aerosol	0.004	0.003	0.003	0.003	0.003	0.004	0.003	0.011	0.016	0.004	0.004	0.003	0.005
NO0002R	dibenzo_ai_pyrene	air+aerosol	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.010	0.014	0.004	0.004	0.004	0.005
NO0002R	dibenzofuran	air+aerosol	1.001	1.598	1.283	0.904	0.369	0.325	0.269	0.198	0.241	0.457	0.948	1.224	0.673
NO0002R	dibenzothiophene	air+aerosol	0.002	0.001	0.030	0.016	0.036	0.050	0.060	0.049	0.055	0.048	0.021	0.016	0.035
NO0002R	fluoranthene	air+aerosol	0.438	0.447	0.381	0.224	0.132	0.120	0.165	0.120	0.153	0.228	0.267	0.265	0.226
NO0002R	fluorene	air+aerosol	0.955	1.000	0.755	0.601	0.329	0.347	0.358	0.270	0.285	0.511	0.765	0.969	0.556
NO0002R	gamma_HCH	air+aerosol	0.88	0.97	1.96	14.30	1.43	1.89	2.67	4.91	3.99	0.88	2.06	2.22	2.99

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
NO0002R	inden_123cd_pyrene	air+aerosol	0.037	0.092	0.079	0.031	0.010	0.008	0.009	0.027	0.014	0.015	0.042	0.040	0.031
NO0002R	naphthalene	air+aerosol	0.150	0.444	0.271	0.116	0.042	0.085	0.042	0.029	0.036	0.131	0.268	0.290	0.148
NO0002R	op_DDD	air+aerosol	0.017	0.012	0.021	-	0.014	0.017	0.030	0.030	0.036	0.012	0.025	0.033	0.022
NO0002R	op_DDE	air+aerosol	0.065	0.051	0.077	0.129	0.027	0.024	0.040	0.060	0.094	0.022	0.084	0.094	0.063
NO0002R	op_DDT	air+aerosol	0.102	0.093	0.176	0.483	0.153	0.117	0.245	0.271	0.503	0.065	0.240	0.241	0.215
NO0002R	perylene	air+aerosol	0.001	0.006	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.005	0.002
NO0002R	phenanthrene	air+aerosol	1.910	1.786	1.252	1.013	0.741	0.857	1.042	0.675	0.724	0.985	0.943	0.774	1.005
NO0002R	pp_DDD	air+aerosol	0.013	0.013	0.015	-	0.013	0.013	0.021	0.019	0.030	0.013	0.018	0.025	0.017
NO0002R	pp_DDE	air+aerosol	0.868	0.591	1.010	1.100	0.408	0.376	0.537	0.633	1.840	0.258	1.840	1.970	0.939
NO0002R	pp_DDT	air+aerosol	0.097	0.104	0.157	-	0.183	0.151	0.326	0.316	0.585	0.075	0.297	0.325	0.224
NO0002R	pyrene	air+aerosol	-	0.339	0.098	0.126	0.057	0.087	0.085	0.057	0.085	0.140	0.145	0.124	0.115
NO0002R	retene	air+aerosol	0.142	0.125	0.048	0.153	0.037	0.025	0.037	0.019	0.044	0.072	0.060	0.042	0.060
NO0002R	sum_DDT	air+aerosol	1.162	0.864	1.457	2.281	0.798	0.698	1.199	1.329	3.088	0.445	2.504	2.688	1.503
NO0002R	sum_PCB	air+aerosol	8.142	9.936	9.602	18.010	11.002	12.231	14.831	7.132	11.986	14.074	8.566	11.831	11.205
NO0002R	sum_heptachlor_PCB	air+aerosol	0.098	0.397	0.224	0.549	0.292	0.358	0.484	0.203	0.260	0.306	0.353	0.155	0.308
NO0002R	sum_hexachlor_PCB	air+aerosol	0.665	1.134	1.258	3.561	1.621	2.086	2.897	1.073	1.601	1.805	1.891	0.958	1.684
NO0002R	sum_pentachlor_PCB	air+aerosol	0.784	1.061	1.819	5.600	1.530	1.869	2.480	1.065	1.707	1.748	1.927	1.143	1.823
NO0002R	sum_tetrachlor_PCB	air+aerosol	2.146	2.667	2.243	3.951	3.744	4.276	5.483	2.581	3.703	4.250	4.366	3.190	3.529
NO0002R	sum_trichlor_PCB	air+aerosol	4.441	4.653	4.043	4.321	3.804	3.630	3.470	2.201	4.706	5.952	5.937	6.375	4.369
NO0042G	BDE_100	air+aerosol	0.012	0.011	0.006	0.012	0.028	0.023	0.018	0.012	0.009	0.014	0.006	0.006	0.013
NO0042G	BDE_119	air+aerosol	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.003	0.006	0.001	0.001	0.002
NO0042G	BDE_138	air+aerosol	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.006	0.011	0.003	0.003	0.004
NO0042G	BDE_153	air+aerosol	0.006	0.004	0.003	0.003	0.004	0.003	0.004	0.005	0.008	0.016	0.003	0.003	0.005
NO0042G	BDE_154	air+aerosol	0.004	0.003	0.002	0.002	0.005	0.003	0.004	0.003	0.007	0.013	0.002	0.002	0.004
NO0042G	BDE_183	air+aerosol	0.020	0.015	0.005	0.003	0.004	0.004	0.006	0.006	0.007	0.019	0.003	0.012	0.008
NO0042G	BDE_196	air+aerosol	0.097	0.163	0.016	0.010	0.005	0.007	0.007	0.006	0.008	0.020	0.011	0.009	0.026
NO0042G	BDE_206	air+aerosol	0.322	0.931	0.407	0.281	0.088	0.328	0.354	0.057	0.266	0.264	0.341	0.448	0.326
NO0042G	BDE_209	air+aerosol	3.808	7.928	9.385	10.701	1.916	10.390	12.846	1.186	11.559	7.443	8.566	13.972	8.184
NO0042G	BDE_28	air+aerosol	0.007	0.007	0.006	0.006	0.007	0.008	0.009	0.008	0.007	0.007	0.004	0.005	0.007
NO0042G	BDE_47	air+aerosol	0.152	0.142	0.103	0.163	0.238	0.223	0.182	0.143	0.085	0.114	0.087	0.077	0.145
NO0042G	BDE_49	air+aerosol	0.006	0.006	0.005	0.007	0.010	0.008	0.007	0.006	0.004	0.007	0.005	0.004	0.006
NO0042G	BDE_66	air+aerosol	0.003	0.004	0.002	0.003	0.005	0.004	0.004	0.004	0.003	0.006	0.003	0.003	0.004
NO0042G	BDE_71	air+aerosol	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.004	0.001	0.001	0.002
NO0042G	BDE_77	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.004	0.001	0.001	0.002
NO0042G	BDE_85	air+aerosol	0.001	0.001	0.003	0.001	0.002	0.002	0.002	0.002	0.005	0.005	0.001	0.001	0.002
NO0042G	BDE_99	air+aerosol	0.034	0.032	0.026	0.030	0.089	0.076	0.071	0.040	0.026	0.031	0.015	0.018	0.042
NO0042G	FTS_6-2	air+aerosol	0.020	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.038
NO0042G	PFBS	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	PFHpA	air+aerosol	0.020	0.100	0.100	0.100	0.100	0.100	0.101	0.109	0.100	0.100	0.100	0.097	0.094
NO0042G	PFHxA	air+aerosol	0.020	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.107	0.103
NO0042G	PFHxS	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0042G	PFNA	air+aerosol	0.022	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.114	0.070	0.070	0.070	0.070
NO0042G	PFOA	air+aerosol	0.030	0.050	0.097	0.082	0.095	0.098	0.106	0.191	0.139	0.050	0.055	0.052	0.086

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
NO0042G	TBA	air+aerosol	3.201	2.450	1.459	1.051	1.579	7.271	8.595	10.302	7.904	6.596	4.694	3.575	4.812
NO0042G	a_HBCD	air+aerosol	0.166	0.750	0.170	0.166	0.175	0.175	0.184	0.177	0.170	0.205	0.180	0.166	0.219
NO0042G	b_HBCD	air+aerosol	0.062	0.143	0.062	0.062	0.065	0.066	0.066	0.064	0.062	0.061	0.060	0.060	0.068
NO0042G	g_HBCD	air+aerosol	0.203	0.201	0.204	0.205	0.219	0.218	0.206	0.213	0.205	0.203	0.199	0.200	0.206
NO0042G	1-methylnaphthalene	air+aerosol	0.130	0.071	0.029	0.024	0.010	0.009	0.010	0.016	0.021	0.019	0.072	0.205	0.053
NO0042G	1-methylphenanthrene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.003	0.002
NO0042G	2-methylanthracene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-	0.001	0.001	0.001	0.001
NO0042G	2-methylnaphthalene	air+aerosol	0.154	0.080	0.038	0.038	0.016	0.015	0.018	0.026	0.036	0.031	0.085	0.204	0.063
NO0042G	2-methylphenanthrene	air+aerosol	0.004	0.002	0.002	0.002	0.001	0.002	0.002	0.003	0.001	0.002	0.003	0.005	0.002
NO0042G	3-methylphenanthrene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.003	0.004	0.002
NO0042G	9-methylphenanthrene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	0.001
NO0042G	acenaphthene	air+aerosol	0.009	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003
NO0042G	acenaphthylene	air+aerosol	0.006	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.001	0.002
NO0042G	anthanthrene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
NO0042G	anthracene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	benz_a_anthracene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.004	0.002
NO0042G	benzo_a_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	0.001
NO0042G	benzo_a_fluorene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001
NO0042G	benzo_a_pyrene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.004	0.001
NO0042G	benzo_b_fluoranthene	air+aerosol	0.008	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.012	0.003
NO0042G	benzo_b_fluorene	air+aerosol	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
NO0042G	benzo_e_pyrene	air+aerosol	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.007	0.002
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	0.001
NO0042G	benzo_ghi_perylene	air+aerosol	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.006	0.002
NO0042G	benzo_k_fluoranthene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.005	0.002
NO0042G	biphenyl	air+aerosol	0.586	0.584	0.334	0.057	0.023	0.011	0.008	0.022	0.031	0.072	0.291	0.598	0.219
NO0042G	chrysene	air+aerosol	0.007	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.011	0.003
NO0042G	coronene	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.003	0.002
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
NO0042G	dibenzo_ae_pyrene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.004	0.001	0.001	0.001	0.002	0.002
NO0042G	dibenzo_ah_anthracene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001
NO0042G	dibenzo_ah_pyrene	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.006	0.002	0.002	0.002	0.001	0.002
NO0042G	dibenzo_ai_pyrene	air+aerosol	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.005	0.002	0.002	0.002	0.001	0.002
NO0042G	dibenzofuran	air+aerosol	0.708	0.602	0.416	0.125	0.048	0.025	0.019	0.040	0.057	0.109	0.352	0.740	0.271
NO0042G	dibenzothiophene	air+aerosol	0.007	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.007	0.003
NO0042G	fluoranthene	air+aerosol	0.028	0.008	0.007	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.013	0.048	0.011
NO0042G	fluorene	air+aerosol	0.320	0.197	0.065	0.014	0.015	0.011	0.009	0.009	0.009	0.034	0.150	0.395	0.108
NO0042G	inden_123cd_pyrene	air+aerosol	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.005	0.002
NO0042G	perylene	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	phenanthrene	air+aerosol	0.064	0.021	0.013	0.010	0.007	0.008	0.008	0.011	0.007	0.011	0.028	0.080	0.023
NO0042G	pyrene	air+aerosol	0.012	0.003	0.004	0.004	0.004	0.006	0.003	0.002	0.003	0.003	0.007	0.021	0.006
NO0042G	retene	air+aerosol	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.003	0.002
NO0042G	HCB	air+aerosol	59.0	52.0	66.6	69.9	64.3	65.9	67.6	73.5	59.0	59.7	62.6	60.5	63.4
NO0042G	PCB_101	air+aerosol	0.414	0.186	0.176	0.231	0.183	0.147	0.162	0.188	0.220	0.230	0.232	0.202	0.214

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
NO0042G	PCB_105	air+aerosol	0.050	0.015	0.013	0.019	0.014	0.012	0.013	0.015	0.022	0.030	0.025	0.018	0.021
NO0042G	PCB_114	air+aerosol	0.004	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003
NO0042G	PCB_118	air+aerosol	0.154	0.053	0.047	0.068	0.050	0.041	0.046	0.051	0.071	0.086	0.078	0.060	0.067
NO0042G	PCB_122	air+aerosol	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_123	air+aerosol	0.005	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002
NO0042G	PCB_128	air+aerosol	0.021	0.007	0.007	0.008	0.006	0.005	0.005	0.007	0.008	0.013	0.011	0.008	0.009
NO0042G	PCB_138	air+aerosol	0.210	0.055	0.042	0.059	0.044	0.035	0.039	0.048	0.056	0.076	0.070	0.055	0.065
NO0042G	PCB_141	air+aerosol	0.068	0.011	0.013	0.013	0.010	0.008	0.009	0.011	0.016	0.018	0.017	0.013	0.017
NO0042G	PCB_149	air+aerosol	0.391	0.090	0.082	0.109	0.081	0.062	0.070	0.083	0.107	0.117	0.114	0.097	0.115
NO0042G	PCB_153	air+aerosol	0.369	0.078	0.069	0.085	0.062	0.045	0.052	0.059	0.082	0.097	0.100	0.087	0.097
NO0042G	PCB_156	air+aerosol	0.009	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.003	0.006	0.005	0.003	0.004
NO0042G	PCB_157	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	PCB_167	air+aerosol	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_170	air+aerosol	0.025	0.004	0.004	0.004	0.004	0.003	0.002	0.003	0.003	0.005	0.004	0.004	0.005
NO0042G	PCB_18	air+aerosol	1.173	0.603	0.585	0.813	0.610	0.491	0.633	0.616	0.583	0.808	1.473	1.245	0.817
NO0042G	PCB_180	air+aerosol	0.133	0.012	0.010	0.013	0.010	0.008	0.008	0.008	0.009	0.014	0.013	0.012	0.020
NO0042G	PCB_183	air+aerosol	0.053	0.005	0.004	0.005	0.004	0.003	0.003	0.004	0.005	0.007	0.006	0.006	0.009
NO0042G	PCB_187	air+aerosol	0.166	0.018	0.012	0.017	0.012	0.008	0.010	0.012	0.015	0.017	0.020	0.018	0.026
NO0042G	PCB_189	air+aerosol	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO0042G	PCB_194	air+aerosol	0.007	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_206	air+aerosol	0.003	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO0042G	PCB_209	air+aerosol	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.002
NO0042G	PCB_28	air+aerosol	0.990	0.585	0.508	0.626	0.812	0.699	0.859	0.916	0.790	0.672	1.027	0.711	0.766
NO0042G	PCB_31	air+aerosol	0.868	0.527	0.459	0.565	0.725	0.618	0.770	0.824	0.713	0.593	0.938	0.648	0.687
NO0042G	PCB_33	air+aerosol	0.655	0.383	0.314	0.381	0.574	0.499	0.609	0.653	0.505	0.399	0.676	0.430	0.505
NO0042G	PCB_37	air+aerosol	0.174	0.092	0.072	0.073	0.130	0.120	0.141	0.164	0.128	0.088	0.117	0.069	0.113
NO0042G	PCB_47	air+aerosol	0.338	0.196	0.193	0.219	0.215	0.182	0.206	0.223	0.211	0.199	0.272	0.209	0.221
NO0042G	PCB_52	air+aerosol	0.742	0.391	0.376	0.461	0.398	0.295	0.337	0.356	0.382	0.395	0.505	0.434	0.423
NO0042G	PCB_66	air+aerosol	0.232	0.112	0.096	0.115	0.116	0.095	0.113	0.137	0.141	0.121	0.132	0.102	0.125
NO0042G	PCB_74	air+aerosol	0.157	0.075	0.070	0.076	0.076	0.064	0.075	0.095	0.103	0.088	0.094	0.078	0.087
NO0042G	PCB_99	air+aerosol	0.150	0.071	0.067	0.095	0.063	0.048	0.052	0.066	0.077	0.087	0.088	0.083	0.079
NO0042G	alpha_HCH	air+aerosol	2.03	1.43	2.00	2.67	2.39	2.60	2.95	3.87	4.27	3.31	2.90	2.53	2.76
NO0042G	cis_CD	air+aerosol	0.264	0.234	0.282	0.291	0.260	0.202	0.235	0.259	0.263	0.277	0.264	0.272	0.260
NO0042G	cis_NO	air+aerosol	0.016	0.011	0.010	0.014	0.029	0.028	0.033	0.038	0.037	0.032	0.016	0.014	0.024
NO0042G	gamma_HCH	air+aerosol	0.54	0.21	0.29	0.42	0.31	0.24	0.33	0.40	0.48	0.48	0.48	0.40	0.38
NO0042G	op_DDD	air+aerosol	0.014	0.008	0.006	0.006	0.006	0.006	0.006	0.008	0.006	0.008	0.008	0.010	0.008
NO0042G	op_DDE	air+aerosol	0.089	0.045	0.042	0.029	0.015	0.007	0.009	0.009	0.012	0.023	0.033	0.050	0.031
NO0042G	op_DDT	air+aerosol	0.148	0.062	0.050	0.050	0.021	0.017	0.020	0.025	0.031	0.050	0.062	0.066	0.050
NO0042G	pp_DDD	air+aerosol	0.009	0.006	0.007	0.006	0.006	0.006	0.006	0.009	0.006	0.006	0.007	0.006	0.007
NO0042G	pp_DDE	air+aerosol	1.111	0.357	0.197	0.111	0.068	0.044	0.051	0.044	0.062	0.186	0.319	0.387	0.242
NO0042G	pp_DDT	air+aerosol	0.097	0.027	0.020	0.019	0.017	0.017	0.017	0.022	0.020	0.035	0.047	0.042	0.032
NO0042G	sum_DDT	air+aerosol	1.468	0.504	0.322	0.220	0.133	0.098	0.108	0.116	0.137	0.306	0.476	0.561	0.368
NO0042G	sum_PCB	air+aerosol	11.757	5.524	4.674	6.163	6.289	5.154	6.200	6.830	6.908	6.649	9.198	7.043	6.869
NO0042G	sum_heptachlor_PCB	air+aerosol	0.529	0.048	0.023	0.049	0.035	0.025	0.028	0.031	0.049	0.058	0.044	0.051	0.078

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NO0042G	sum_hexachlor_PCB	air+aerosol	1.592	0.364	0.251	0.421	0.317	0.233	0.244	0.286	0.451	0.519	0.480	0.397	0.457
NO0042G	sum_pentachlor_PCB	air+aerosol	1.340	0.558	0.456	0.718	0.552	0.440	0.489	0.576	0.755	0.817	0.753	0.640	0.675
NO0042G	sum_tetrachlor_PCB	air+aerosol	3.064	1.574	1.371	1.682	1.620	1.281	1.497	1.675	1.900	1.752	2.079	1.716	1.764
NO0042G	sum_trichlor_PCB	air+aerosol	5.220	2.976	2.570	3.289	3.761	3.171	3.938	4.258	3.749	3.499	5.836	4.233	3.891
NO0042G	trans_CD	air+aerosol	0.143	0.146	0.154	0.128	0.078	0.040	0.049	0.043	0.053	0.083	0.099	0.129	0.095
NO0042G	trans_NO	air+aerosol	0.231	0.202	0.249	0.268	0.229	0.164	0.180	0.202	0.202	0.223	0.222	0.230	0.218
NO0090R	FTS_6-2	air+aerosol	0.016	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.038
NO0090R	PFBS	air+aerosol	0.016	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
NO0090R	PFHpA	air+aerosol	0.087	0.116	0.100	0.143	0.168	0.100	0.188	0.100	0.100	0.100	0.100	0.100	0.117
NO0090R	PFHxA	air+aerosol	0.296	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.126
NO0090R	PFHxS	air+aerosol	0.016	0.020	0.020	0.023	0.030	0.020	0.020	0.020	0.020	0.022	0.020	0.030	0.021
NO0090R	PFNA	air+aerosol	0.104	0.070	0.070	0.084	0.136	0.070	0.108	0.070	0.076	0.070	0.070	0.070	0.083
NO0090R	PFOA	air+aerosol	0.197	0.093	0.096	0.178	0.205	0.118	0.191	0.106	0.124	0.097	0.103	0.053	0.133
NO0090R	HCB	air+aerosol	30.4	41.9	56.6	28.0	27.4	33.5	18.7	19.5	15.4	22.2	19.7	33.5	28.9
PL0005R	benz_a_anthracene	pm10	1.204	1.174	0.637	0.135	0.010	0.009	0.007	0.009	0.048	0.256	0.823	1.177	0.452
PL0005R	benzo_a_pyrene	pm10	1.460	1.065	0.490	0.177	0.032	0.027	0.017	0.036	0.091	0.403	1.076	1.376	0.517
PL0005R	benzo_b_fluoranthene	pm10	2.383	1.626	0.876	0.268	0.063	0.040	0.025	0.049	0.116	0.502	1.392	1.785	0.756
PL0005R	benzo_k_fluoranthene	pm10	0.938	0.631	0.388	0.103	0.023	0.015	0.009	0.018	0.046	0.214	0.557	0.707	0.302
PL0005R	dibenzo_ah_anthracene	pm10	0.171	0.152	0.065	0.032	0.008	0.004	0.003	0.006	0.014	0.064	0.156	0.202	0.072
PL0005R	inden_123cd_pyrene	pm10	1.733	1.241	0.714	0.330	0.062	0.038	0.029	0.052	0.116	0.585	1.129	1.260	0.604
PL0009R	benz_a_anthracene	pm10	3.321	2.296	1.640	0.343	0.042	0.021	0.017	0.036	0.109	0.369	1.398	2.586	1.008
PL0009R	benzo_a_pyrene	pm10	3.008	2.303	2.015	0.510	0.073	0.042	0.033	0.047	0.166	0.540	1.471	2.272	1.034
PL0009R	benzo_b_fluoranthene	pm10	3.369	2.296	2.189	0.511	0.079	0.045	0.035	0.074	0.209	0.603	1.860	2.687	1.158
PL0009R	benzo_k_fluoranthene	pm10	1.649	1.198	1.060	0.278	0.040	0.024	0.017	0.032	0.091	0.290	0.960	1.498	0.591
PL0009R	dibenzo_ah_anthracene	pm10	0.344	0.200	0.130	0.033	0.001	0.001	0.003	0.004	0.021	0.040	0.099	0.135	0.084
PL0009R	inden_123cd_pyrene	pm10	2.324	1.976	1.914	0.588	0.087	0.062	0.042	0.085	0.204	0.551	1.736	2.365	0.988
SE0014R	1234678_HpCDD	air+aerosol	0.140	-	-	0.110	0.044	0.044	0.044	0.029	0.029	-	-	0.140	0.076
SE0014R	1234678_HpCDF	air+aerosol	0.051	-	-	0.061	0.035	0.035	0.035	0.020	0.020	-	-	0.130	0.057
SE0014R	1234789_HpCDF	air+aerosol	0.006	-	-	0.008	0.005	0.005	0.005	0.002	0.002	-	-	0.013	0.007
SE0014R	123478_HxCDD	air+aerosol	0.110	-	-	0.065	0.020	0.020	0.020	0.015	0.015	-	-	0.130	0.053
SE0014R	123478_HxCDF	air+aerosol	0.170	-	-	0.170	0.097	0.097	0.097	0.057	0.057	-	-	0.440	0.177
SE0014R	123678_HxCDD	air+aerosol	0.140	-	-	0.110	0.048	0.048	0.048	0.015	0.015	-	-	0.230	0.093
SE0014R	123678_HxCDF	air+aerosol	0.170	-	-	0.170	0.078	0.078	0.078	0.067	0.067	-	-	0.440	0.175
SE0014R	123789_HxCDD	air+aerosol	0.120	-	-	0.110	0.020	0.020	0.020	0.015	0.015	-	-	0.160	0.070
SE0014R	123789_HxCDF	air+aerosol	0.067	-	-	0.093	0.049	0.049	0.049	0.037	0.037	-	-	0.170	0.082
SE0014R	12378_PeCDD	air+aerosol	0.540	-	-	1.100	0.810	0.810	0.810	0.480	0.480	-	-	1.800	0.994
SE0014R	12378_PeCDF	air+aerosol	0.036	-	-	0.036	0.018	0.018	0.018	0.014	0.014	-	-	0.075	0.033
SE0014R	234678_HxCDF	air+aerosol	0.210	-	-	0.190	0.085	0.085	0.085	0.064	0.064	-	-	0.430	0.178
SE0014R	23478_PeCDF	air+aerosol	0.690	-	-	0.570	0.330	0.330	0.330	0.195	0.195	-	-	1.440	0.589
SE0014R	2378_TCDD	air+aerosol	0.100	-	-	0.150	0.200	0.200	0.200	0.150	0.150	-	-	0.150	0.163
SE0014R	2378_TCDF	air+aerosol	0.220	-	-	0.180	0.110	0.110	0.110	0.072	0.072	-	-	0.320	0.161

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
SE0014R	BDE_100	air+aerosol	0.018	0.041	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.017
SE0014R	BDE_153	air+aerosol	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
SE0014R	BDE_154	air+aerosol	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
SE0014R	BDE_209	air+aerosol	0.371	0.382	0.430	0.473	0.859	0.660	0.114	0.215	0.085	1.040	1.320	1.078	0.585
SE0014R	BDE_47	air+aerosol	0.046	0.050	0.041	0.059	0.107	0.116	0.075	0.074	0.039	0.052	0.047	0.047	0.063
SE0014R	BDE_85	air+aerosol	0.020	0.022	0.061	0.047	0.020	0.020	0.020	0.020	0.020	0.024	0.061	0.068	0.033
SE0014R	BDE_99	air+aerosol	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
SE0014R	FTS_6-2	air+aerosol	0.051	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	HCB	air+aerosol	23.2	26.7	29.0	17.6	10.9	11.5	5.7	8.8	7.5	11.4	16.1	17.1	15.4
SE0014R	OCDD	air+aerosol	0.009	-	-	0.008	0.005	0.005	0.005	0.003	0.003	-	-	0.009	0.006
SE0014R	OCDF	air+aerosol	0.001	-	-	0.001	0.001	0.001	0.001	0.000	0.000	-	-	0.002	0.001
SE0014R	PCB_101	air+aerosol	0.505	0.538	0.493	1.003	2.982	3.519	2.737	2.079	0.880	0.982	0.720	0.515	1.424
SE0014R	PCB_118	air+aerosol	0.162	0.184	0.132	0.260	0.848	1.173	0.802	0.711	0.350	0.310	0.220	0.155	0.445
SE0014R	PCB_138	air+aerosol	0.315	0.417	0.276	0.486	1.953	2.370	2.048	1.420	0.590	0.561	0.480	0.285	0.941
SE0014R	PCB_153	air+aerosol	0.381	0.516	0.347	0.682	2.423	2.654	2.255	1.534	0.620	0.666	0.530	0.353	1.088
SE0014R	PCB_180	air+aerosol	0.111	0.262	0.162	0.240	0.820	0.943	0.710	0.410	0.150	0.161	0.170	0.096	0.355
SE0014R	PCB_28	air+aerosol	0.605	0.565	0.756	1.041	1.601	1.688	1.131	1.056	0.620	0.972	0.900	0.751	0.977
SE0014R	PCB_52	air+aerosol	0.658	0.748	0.787	1.300	3.389	4.205	2.852	2.354	0.970	1.315	0.890	0.750	1.696
SE0014R	PFBA	air+aerosol	2.225	1.148	4.626	1.256	1.441	3.299	2.924	3.090	3.696	2.229	2.566	3.830	2.701
SE0014R	PFBS	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFDcA	air+aerosol	0.068	0.072	0.076	0.114	0.213	0.134	0.218	0.129	0.209	0.051	0.063	0.053	0.117
SE0014R	PFDcS	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFHpA	air+aerosol	0.075	0.095	0.140	0.117	0.227	0.140	0.226	0.142	0.193	0.054	0.092	0.072	0.132
SE0014R	PFHxA	air+aerosol	0.073	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.052
SE0014R	PFHxS	air+aerosol	0.054	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFNA	air+aerosol	0.135	0.146	0.115	0.218	0.172	0.180	0.299	0.235	0.385	0.100	0.145	0.159	0.191
SE0014R	PFOA	air+aerosol	0.489	0.362	0.233	0.371	0.451	0.465	0.607	0.517	0.920	0.182	0.279	0.332	0.434
SE0014R	PFOS	air+aerosol	0.396	0.362	0.173	0.351	0.244	0.361	0.425	0.434	0.670	0.260	0.343	0.286	0.358
SE0014R	PFOSA	air+aerosol	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
SE0014R	PFUnA	air+aerosol	0.050	0.050	0.050	0.050	0.056	0.113	0.117	0.053	0.066	0.050	0.050	0.050	0.063
SE0014R	aldrin	air+aerosol	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
SE0014R	alpha_HCH	air+aerosol	2.67	2.17	2.35	2.47	4.15	4.53	2.33	3.83	3.36	3.90	3.39	2.47	3.14
SE0014R	alpha_endosulfan	air+aerosol	0.123	0.151	0.190	0.345	0.655	0.700	0.621	0.902	0.340	0.416	0.380	0.240	0.426
SE0014R	anthracene	air+aerosol	0.034	0.032	0.023	0.007	0.003	0.003	0.002	0.002	0.001	0.008	0.032	0.049	0.016
SE0014R	benz_a_anthracene	air+aerosol	0.112	0.094	0.093	0.020	0.005	0.002	0.002	-	-	0.026	0.097	0.129	0.063
SE0014R	benzo_a_pyrene	air+aerosol	0.075	0.084	0.078	0.020	0.008	0.005	0.003	0.003	0.003	0.030	0.079	0.104	0.040
SE0014R	benzo_b_fluoranthene	air+aerosol	0.188	0.191	0.196	0.053	0.024	0.016	0.011	0.009	0.006	0.056	0.180	0.192	0.093
SE0014R	benzo_ghi_perylene	air+aerosol	0.131	0.108	0.130	0.034	0.015	0.008	0.004	0.005	0.004	0.038	0.137	0.142	0.062
SE0014R	benzo_k_fluoranthene	air+aerosol	0.078	0.081	0.083	0.020	0.008	0.005	0.003	0.003	0.002	0.024	0.076	0.081	0.038
SE0014R	beta_endosulfan	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
SE0014R	chrysene	air+aerosol	0.198	0.214	0.206	0.085	0.023	0.016	0.016	-	-	0.060	0.190	0.232	0.134
SE0014R	dibenzo_ah_anthracene	air+aerosol	0.018	0.015	0.017	0.004	0.002	0.001	0.001	0.001	0.001	0.005	0.017	0.022	0.008
SE0014R	fluoranthene	air+aerosol	0.743	0.730	0.730	0.244	0.146	0.110	0.062	0.065	0.040	0.197	0.640	0.733	0.366
SE0014R	gamma_HCH	air+aerosol	1.46	1.36	1.35	3.35	5.83	6.47	4.73	5.67	2.47	3.13	2.77	1.07	3.33

Site	Comp	Matrix	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018
SE0014R	inden_123cd_pyrene	air+aerosol	0.131	0.127	0.138	0.036	0.014	0.007	0.004	0.005	0.004	0.040	0.136	0.134	0.064
SE0014R	phenanthrene	air+aerosol	1.699	1.185	1.330	0.708	0.576	0.440	0.247	0.226	0.150	0.433	1.300	1.812	0.836
SE0014R	pp_DDD	air+aerosol	0.137	0.041	0.060	0.019	0.082	0.100	0.019	0.036	0.015	0.038	0.015	0.038	0.050
SE0014R	pp_DDE	air+aerosol	1.500	1.086	0.980	2.389	1.771	1.310	0.735	1.530	1.010	3.485	3.900	1.842	1.796
SE0014R	pp_DDT	air+aerosol	0.302	0.280	0.280	0.663	0.831	0.750	0.417	0.689	0.270	0.791	0.710	0.170	0.516
SE0014R	pyrene	air+aerosol	0.448	0.430	0.430	0.147	0.068	0.050	0.031	0.028	0.020	0.140	0.420	0.457	0.220
SE0020R	anthracene	air+aerosol	0.020	0.006	0.009	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.012	0.031	0.007
SE0020R	benz_a_anthracene	air+aerosol	0.163	0.077	0.126	0.014	0.003	0.003	0.001	0.001	0.002	0.036	0.161	0.256	0.068
SE0020R	benzo_a_pyrene	air+aerosol	0.174	0.088	0.122	0.012	0.006	0.005	0.002	0.003	0.004	0.051	0.168	0.235	0.071
SE0020R	benzo_b_fluoranthene	air+aerosol	0.301	0.209	0.285	0.051	0.016	0.011	0.006	0.009	0.010	0.118	0.330	0.422	0.143
SE0020R	benzo_ghi_perylene	air+aerosol	0.222	0.131	0.184	0.031	0.013	0.010	0.004	0.007	0.009	0.086	0.249	0.309	0.102
SE0020R	benzo_k_fluoranthene	air+aerosol	0.125	0.076	0.104	0.016	0.005	0.004	0.002	0.003	0.004	0.043	0.123	0.157	0.054
SE0020R	chrysene	air+aerosol	0.214	0.146	0.210	0.030	0.009	0.007	0.003	0.005	0.006	0.064	0.208	0.309	0.098
SE0020R	dibenzo_ah_anthracene	air+aerosol	0.037	0.017	0.025	0.004	0.001	0.001	0.001	0.001	0.001	0.011	0.038	0.052	0.015
SE0020R	fluoranthene	air+aerosol	0.306	0.216	0.430	0.062	0.019	0.010	0.001	0.010	0.010	0.085	0.320	0.477	0.158
SE0020R	inden_123cd_pyrene	air+aerosol	0.213	0.131	0.194	0.037	0.012	0.008	0.004	0.006	0.008	0.080	0.237	0.283	0.099
SE0020R	phenanthrene	air+aerosol	0.154	0.114	0.243	0.034	0.007	0.004	0.002	0.002	0.004	0.034	0.142	0.235	0.079
SE0020R	pyrene	air+aerosol	0.286	0.179	0.350	0.049	0.010	0.010	0.001	0.010	0.010	0.085	0.320	0.440	0.142
SE0022R	1234678_HpCDD	air+aerosol	-	-	-	0.060	0.023	0.011	0.011	0.018	0.018	0.018	-	0.063	0.036
SE0022R	1234678_HpCDF	air+aerosol	-	-	-	0.047	0.019	0.010	0.010	0.018	0.018	0.018	-	0.074	0.035
SE0022R	1234789_HpCDF	air+aerosol	-	-	-	0.009	0.005	0.004	0.004	0.004	0.004	0.004	-	0.011	0.007
SE0022R	123478_HxCDD	air+aerosol	-	-	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.060	0.033
SE0022R	123478_HxCDF	air+aerosol	-	-	-	0.130	0.051	0.025	0.025	0.064	0.064	0.064	-	0.150	0.087
SE0022R	123678_HxCDD	air+aerosol	-	-	-	0.025	0.025	0.025	0.025	0.025	0.025	0.025	-	0.099	0.041
SE0022R	123678_HxCDF	air+aerosol	-	-	-	0.120	0.049	0.025	0.025	0.067	0.067	0.067	-	0.160	0.088
SE0022R	123789_HxCDD	air+aerosol	-	-	-	0.035	0.031	0.030	0.030	0.030	0.030	0.030	-	0.030	0.031
SE0022R	123789_HxCDF	air+aerosol	-	-	-	0.081	0.043	0.030	0.030	0.073	0.073	0.073	-	0.100	0.069
SE0022R	12378_PeCDD	air+aerosol	-	-	-	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	0.880	0.350
SE0022R	12378_PeCDF	air+aerosol	-	-	-	0.019	0.009	0.005	0.005	0.084	0.084	0.084	-	0.039	0.038
SE0022R	234678_HxCDF	air+aerosol	-	-	-	0.140	0.054	0.025	0.025	0.097	0.097	0.097	-	0.240	0.119
SE0022R	23478_PeCDF	air+aerosol	-	-	-	0.420	0.229	0.165	0.165	1.200	1.200	1.200	-	0.960	0.684
SE0022R	2378_TCDD	air+aerosol	-	-	-	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	0.100	0.100
SE0022R	2378_TCDF	air+aerosol	-	-	-	0.092	0.042	0.025	0.025	0.280	0.280	0.280	-	0.170	0.143
SE0022R	BDE_100	air+aerosol	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
SE0022R	BDE_153	air+aerosol	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
SE0022R	BDE_154	air+aerosol	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
SE0022R	BDE_47	air+aerosol	0.030	0.030	0.035	0.033	0.041	0.030	0.048	0.037	0.015	0.015	0.015	0.015	0.029
SE0022R	BDE_85	air+aerosol	0.094	0.088	0.015	0.015	0.015	0.015	0.015	0.018	0.038	0.016	0.015	0.015	0.024
SE0022R	BDE_99	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
SE0022R	HCB	air+aerosol	37.3	37.6	41.2	28.9	14.0	14.8	9.8	13.8	15.1	18.2	27.5	31.1	22.9
SE0022R	OCDD	air+aerosol	-	-	-	0.004	0.002	0.001	0.001	0.002	0.002	0.002	-	0.004	0.003
SE0022R	OCDF	air+aerosol	-	-	-	0.001	0.002	0.002	0.002	0.001	0.001	0.001	-	0.001	0.001

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SE0022R	PCB_101	air+aerosol	0.298	0.297	0.278	0.457	0.724	0.577	1.062	0.960	0.585	0.493	0.470	0.337	0.569
SE0022R	PCB_118	air+aerosol	0.086	0.087	0.100	0.100	0.155	0.155	0.241	0.213	0.138	0.118	0.135	0.118	0.142
SE0022R	PCB_138	air+aerosol	0.158	0.155	0.119	0.305	0.513	0.395	0.737	0.620	0.370	0.295	0.257	0.146	0.357
SE0022R	PCB_153	air+aerosol	0.149	0.148	0.131	0.259	0.543	0.456	0.833	0.678	0.397	0.303	0.249	0.157	0.379
SE0022R	PCB_180	air+aerosol	0.043	0.041	0.020	0.049	0.125	0.107	0.199	0.154	0.075	0.066	0.055	0.023	0.084
SE0022R	PCB_28	air+aerosol	0.718	0.714	0.662	0.579	0.698	0.413	0.728	0.607	0.499	0.598	0.937	0.799	0.658
SE0022R	PCB_52	air+aerosol	0.482	0.486	0.541	0.622	0.803	0.638	0.936	0.915	0.646	0.627	0.709	0.451	0.671
SE0022R	alpha_HCH	air+aerosol	1.47	1.48	1.57	2.79	2.94	2.63	2.49	3.98	3.64	2.68	2.45	1.36	2.54
SE0022R	anthracene	air+aerosol	0.034	0.035	0.046	0.023	0.005	0.004	0.006	0.002	0.004	0.006	0.024	0.017	0.016
SE0022R	benz_a_anthracene	air+aerosol	0.042	0.041	0.027	0.027	0.006	0.003	0.003	0.003	0.004	0.016	0.074	0.035	0.022
SE0022R	benzo_a_pyrene	air+aerosol	0.059	0.058	0.048	0.029	0.036	0.023	0.004	0.004	0.014	0.018	0.083	0.033	0.032
SE0022R	benzo_b_fluoranthene	air+aerosol	0.107	0.104	0.063	0.052	0.012	0.005	0.004	0.005	0.008	0.035	0.129	0.065	0.044
SE0022R	benzo_ghi_perylene	air+aerosol	0.066	0.064	0.033	0.026	0.006	0.003	0.002	0.003	0.005	0.024	0.095	0.044	0.028
SE0022R	benzo_k_fluoranthene	air+aerosol	0.041	0.040	0.023	0.019	0.004	0.002	0.002	0.002	0.003	0.014	0.056	0.024	0.017
SE0022R	chrysene	air+aerosol	0.124	0.122	0.093	0.064	0.019	0.008	0.006	0.007	0.010	0.037	0.139	0.079	0.053
SE0022R	dibenzo_ah_anthracene	air+aerosol	0.010	0.010	0.005	0.004	0.001	0.000	0.000	0.000	0.001	0.003	0.018	0.007	0.004
SE0022R	fluoranthene	air+aerosol	0.510	0.519	0.640	0.276	0.092	0.060	0.087	0.051	0.060	0.147	0.560	0.397	0.262
SE0022R	gamma_HCH	air+aerosol	0.75	0.77	1.09	2.29	3.14	2.61	4.49	5.26	2.48	2.51	2.12	1.13	2.54
SE0022R	inden_123cd_pyrene	air+aerosol	0.073	0.071	0.043	0.027	0.006	0.002	0.002	0.003	0.005	0.025	0.113	0.044	0.031
SE0022R	phenanthrene	air+aerosol	1.450	1.475	1.800	0.867	0.407	0.340	0.402	0.287	0.270	0.474	1.610	1.285	0.837
SE0022R	pp_DDD	air+aerosol	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.030	0.030	0.017	0.018
SE0022R	pp_DDE	air+aerosol	0.700	0.681	0.440	0.851	0.829	0.620	0.898	1.880	1.410	1.702	2.570	1.260	1.194
SE0022R	pp_DDT	air+aerosol	0.130	0.131	0.150	0.131	0.196	0.180	0.336	0.519	0.380	0.377	0.330	0.149	0.262
SE0022R	pyrene	air+aerosol	0.320	0.324	0.380	0.165	0.043	0.030	0.030	0.021	0.030	0.095	0.330	0.267	0.156
SI0008R	benz_a_anthracene	pm10	0.141	0.433	0.184	0.023	0.030	0.009	0.012	0.022	0.026	0.080	0.175	0.260	0.117
SI0008R	benzo_a_pyrene	pm10	0.240	0.477	0.258	0.030	0.031	0.012	0.009	0.012	0.029	0.122	0.281	0.483	0.167
SI0008R	benzo_bjk_fluoranthenes	pm10	0.728	1.646	0.950	0.227	0.225	0.101	0.100	0.101	0.187	0.412	0.717	1.284	0.559
SI0008R	dibenzo_ah_anthracene	pm10	0.083	0.129	0.068	0.015	0.020	0.009	0.009	0.009	0.014	0.046	0.080	0.114	0.050
SI0008R	inden_123cd_pyrene	pm10	0.374	0.706	0.353	0.039	0.023	0.009	0.012	0.012	0.054	0.201	0.330	0.569	0.224