OSPAR COMMISSION

Comprehensive Atmospheric Monitoring Programme

Deposition of air pollutants around the North Sea and the North-East Atlantic in 2014

2016

Monitoring and Assessment Series

OSPAR Convention

The Convention for the Protection of the Marine Environment of the North-East Atlantic (the "OSPAR Convention") was opened for signature at the Ministerial Meeting of the former Oslo and Paris Commissions in Paris on 22 September 1992. The Convention entered into force on 25 March 1998. The Contracting Parties are Belgium, Denmark, the European Union, Finland, France, Germany, Iceland, Ireland, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom of Great Britain and Northern Ireland.

Convention OSPAR

La Convention pour la protection du milieu marin de l'Atlantique du Nord-Est, dite Convention OSPAR, a été ouverte à la signature à la réunion ministérielle des anciennes Commissions d'Oslo et de Paris, à Paris le 22 septembre 1992. La Convention est entrée en vigueur le 25 mars 1998. Les parties contractantes sont : l'Allemagne, la Belgique, le Danemark, l'Espagne, la Finlande, la France, l'Irlande, l'Islande, le Luxembourg, la Norvège, les Pays-Bas, le Portugal, le Royaume-Uni de Grande Bretagne et d'Irlande du Nord, la Suède, la Suisse et l'Union européenne.

Acknowledgement

This report has been prepared by Wenche Aas with help from Anne-Gunn Hjellbrekke, Mona Waagsbø and Rita Våler at NILU. The national experts and the OSPAR secretariat are greatly acknowledged for their input to this report.

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Executive summary

This report presents the results of monitoring undertaken by OSPAR Contracting Parties for the Comprehensive Atmospheric Monitoring Programme (CAMP) during 2014. Under the CAMP, OSPAR Contracting Parties are committed to the mandatory monitoring of the concentrations of a range of metals, organic compounds and nutrients in precipitation and air. The CAMP also encourages OSPAR Contracting Parties to monitor, on a voluntary basis, additional compounds (such as certain persistent organic pollutants). The report gives detailed information on observed atmospheric inputs of selected contaminants to the OSPAR maritime area and its regions during 2014.

Region II, the Greater North Sea, remains the most intensely observed sub-region. Sub-regional coasts that are most underrepresented are the Irish Sea (Region III), the Bay of Biscay (Region IV), and the far North-East (Region I).

All Contracting Parties reported data for 2014. For most Parties some elements are missing to comply completely with the monitoring obligation defined by CAMP.

The regional distribution of the various pollutants show in general elevated levels closest to main source areas, though there is some variability with a few sites which may be more influenced by local or nearby sources.

Time trends show decrease in nitrogen, heavy metals and □-HCH in accordance to the general emission reductions from Europe in recent decades.

Deposition of air pollutants around the North Sea and North-East Atlantic in 2014

1 Introduction

This report collates and describes the observations from coastal monitoring stations across the OSPAR region (see Figure 1.1) under the Comprehensive Atmospheric Monitoring Programme (CAMP), this forming one element within the wider Joint Assessment and Monitoring Programme of OSPAR. The CAMP aims to assess, as accurately as appropriate, the atmospheric input of the selected contaminants to the maritime area and regions thereof (Figure 1.1) on an annual basis through monitoring the concentrations of selected contaminants in precipitation and air.

Figure 1.1: OSPAR maritime area and regions. Region I : Arctic Waters; Region II: Great North Sea; Region III: Celtic Seas; Region IV: Bay of Biscay and Iberian Coast; Region V: Wider Atlantic.

The components of interest to the CAMP are divided into two groups, for measurement on a mandatory basis and for measurement on a voluntary basis. These are listed in Table 1.1.

The CAMP Principles call for each Contracting Party bordering the OSPAR maritime area (excluding the EU) to operate at least one monitoring station on the coast and/or offshore as part of the CAMP. Where Parties border more than one region (see Figure 1.1) at least one station should be operating in each. The stations should be so-called "background stations", i.e. not directly influenced by local emission sources. The stations should be located not more than 10 km from the coastline.

Table 1.1: Components to be measured under CAMP [1)]

	Mandatory	Voluntary
Precipitation	As, Cd, Cr, Cu, Pb, Hg, Ni, Zn, γ-HCH, NH_4^+, NO_3^-	PCB 28,52,101,118,138,153,180 PAHs: Phenanthrene, anthracene, flouranthene, pyrene, benzo(*a*)anthracene, chrysene, benzo(*a*)pyrene, benzo(*ghi*)perylene, indeno(*1,2,3-cd*)pyrene
Airborne	NO_2, HNO_3, NH_3, NH_4^+ [2)], NO_3^- [2)]	As, Cd, Cr, Cu, Pb, Hg, Ni, Zn, γ-HCH, PCB 28,52,101,118,138,153,180, PAHs: Phenanthrene, anthracene, flouranthene, pyrene, benzo(*a*)anthracene, chrysene, benzo(*a*)pyrene, benzo(*ghi*)perylene, indeno(*1,2,3-cd*)pyrene, NO

[1)] These requirements are representative for 2014. The Guidance document was updated in 2015 with some changes in the monitoring programme, this will be reflected in future reports

[2)] total ammonium (NH_3 + NH_4^+) and total nitrate (HNO_3 +NO_3^-) is an alternative

The data assembled by monitoring stations are reported by Contracting Parties to the Norwegian Institute for Air Research (NILU) on a yearly basis, using a reporting format and according to the time schedule set out in the CAMP Principle, which are harmonised with the reporting obligations under EMEP (European

Monitoring and Evaluation Programme). Data are stored in the international database http://ebas.nilu.no/, and NILU prepares a CAMP data report on an annual basis for OSPAR.

The present CAMP data report "*Pollutant depositions in the OSPAR region of the North-East Atlantic in 2014*" gives in Chapter 2 an overview of reported data, and a discussion if the Parties are in compliance with their monitoring obligations. In Chapter 3, the 2014 observed annual average concentrations are mapped. Chapter 4 provides overviews of temporal patterns in the observations in the two last decades, and indications of significant trends or not.

2 The OSPAR CAMP Monitoring Programme

2.1 Geographical coverage and completeness

Table 2.1 and Figure 2.1 illustrate what has been reported to CAMP for the year 2014. Their coordinates are given in the Annex, Table A.1.1. Dark green colour in the table indicates that the component measured is part of the mandatory and voluntary programme, while light green means that the component measured is not as defined in Table 1.1; i.e. if particulate mercury is measured in air and not elemental mercury; or various POPs are measured, but not □-HCH. The maps show the regional distribution of sites and the colour code indicate the level of completeness at the individual site. It is recommended to have as complete monitoring programme as possible to better assess the pollution level and to study what is the main sources, and atmospheric processes. The dark blue colour indicates which sites include all component groups covered by CAMP (nitrogen, heavy metals and POPs).

	Sites		In precipitation					In air					
region	Site	Name	NO3	NH4	HM	Hg	POP	NO2	Nox	Nred	HM	Hg	POP
	IS0090R	Reykjavik											
	IS0091R	Storhofdi											
	NO0039R	Kårvatn											
	NO0090R	Andøya											
	NO0042G	Zeppelin											
	BE0011R	Moerkerke											
	BE0013R	Houtem											
	BE0014R	Koksijde											
	DE0001R	Westerland											
	DK0005R	Keldsnor											
	DK0008R	Anholt											
	DK0022R	Sepstrup Sande											
	DK0031R	Ulborg											
	FR0090R	Porspoder											
	GB0013R	Yarner Wood											
II	GB0014R	High Muffles											
	GB0015R	Strath Vaich Dam											
	GB0036R	Harwell											
	GB0048R	Auchencorth Moss											
	NL0009R	Kollumerwaard											
	NL0091R	De Zilk											
	NO0001R	Birkenes											
	NO0554R	Haukeland											
	NO0572R	Vikedal											
	NO0655R	Nausta											
	SE0014R	Råö											
	GB0006R	Lough Navar											
III	IE0001R	Valentia											
	ES0005R	Noya											
	ES0017R	Doñana											
IV	ES0008R	Niembro											
	PT0006R	Alfragide											
	PT0004R	Monte Velho											

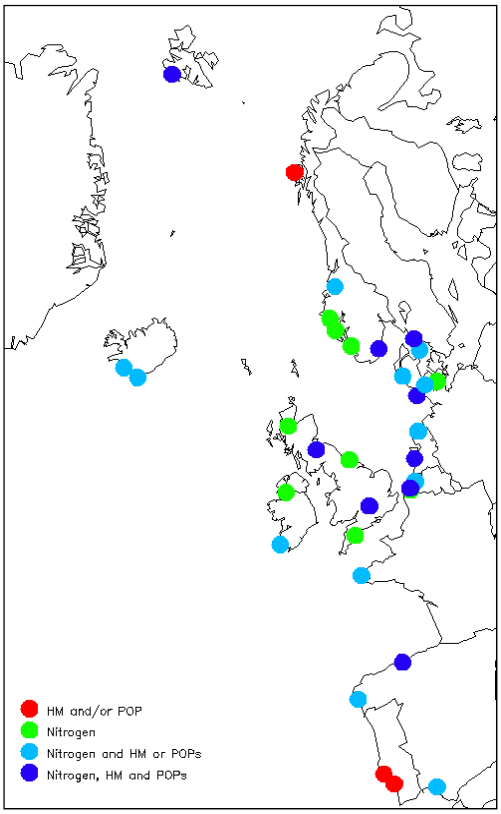

Table 2.1 and Figure 2.1: Monitoring sites reporting, reduced and oxidised nitrogen compounds, heavy metals (HM), mercury and persistent organic pollutants (POPs) to CAMP in 2014.

It is mandatory for all the Parties to OSPAR to monitor in accordance to the CAMP programme at minimum one site as described in the introduction. Table 2.2 gives an overview of which Parties are in compliance and not. Dark green means data are reported as defined in Table 1.1; while red means no data. A light green colour is used when it is an incomplete programme, i.e. if only particulate nitrogen is included and

not nitric acid (or sum of nitrate). Only Norway and Sweden have full compliance, though the Netherlands, Germany and Spain are close to completeness. Several Parties do not measure ⍰-HCH or mercury in precipitation; however, it should be noted that there are more sites measuring these compounds in air.

	In precipitation											In air		
Site	NO_3^-	NH_4^+	As	Cd	Cr	Cu	Pb	Ni	Zn	Hg	γHCH	NO_2	Nox	Nred
Iceland										n/a	n/a	n/a	n/a	n/a
Norway														
Belgium													n/a	
Germany														
Denmark										n/a	n/a			
France		n/a								n/a	n/a	n/a	n/a	n/a
UK											n/a			
Netherlands														
Sweden														
Ireland											n/a			
Spain														
Portugal												n/a		

Table 2.2: Overview of reported data from mandatory monitoring of contaminants. Dark green means data reported, while light green means an incomplete programme. Empty cell means no data (n/a), Note that these requirements are representative for 2014. The Guidance document was updated in 2015 with some changes in the monitoring programme, this will be reflected in future reports

Parties report a wider range of components than is covered by CAMP. The main body of this report is a description of observations defined by the CAMP programme. Excluded are i.e. major ions, which are reported to provide the potential for quality control, and compounds which are a part of other international programmes, but which may be expected to lie outside the core interest of OSPAR, e.g. sulphates, ozone, and PM measurements. Most of the sites are also part of the EMEP programme and the monitoring obligations in EMEP is more extensive (UNECE, 2009). All the components reported by Contracting Parties during 2014 are uploaded in the database and are accessible from http://ebas.nilu.no/.

3 Observed concentrations in 2014

This section describes the observed concentrations at coastal stations around the North-East Atlantic in 2014. Note that the colour codes are only used to show the spatial spread of the data, to indicate which regions have the highest and lowest levels compared to each other, and not necessarily if the levels are higher than what is acceptable from a critical load perspective.

In the maps, volume weighted means are calculated in accordance to the defined EMEP procedures. To address the total load of pollutants, it is necessarily to look at the deposition, and the wet depositions are given in the annexes together with the concentrations. For pollutants in air, concentrations only are given. There is a large uncertainty in using dry deposition velocities to estimate the deposition from gases and particulate, and this is beyond the aim of this report to address this complicated issue. It is however recognised that dry deposition can be just as important as, or higher than the wet deposition, especially in dry regions.

3.1 Metals in air and precipitation

Heavy metals are of major environmental concern due to their persistence, ability to bio-accumulate and their negative effect on human health and the environment. Therefore regulation of these elements has been a priority both on a regional (OSPAR; HELCOM, CLRTAP, EEA) and global scale (UNEP).

The concentrations of heavy metals in air and precipitation shown in Figure 3.1 -3.6 resemble the emission distribution in this region fairly well (see Pacyna et al., 2009). The lowest concentrations are generally observed in northern Scandinavia and the westernmost part of Europe. The highest levels were for some elements observed in the Benelux countries while for other; highest levels are seen in Portugal, UK or Denmark. One should notice that the detection limit for the Portuguese measurements are for some elements higher than the ambient concentration and these data should be looked upon as an upper concentration level. Detection limits are found in Annex 4. In Iceland, there are very high levels of chromium, which may be due to local sources. The regional distribution in air and precipitation is not comparable for all elements. I.e. in the Benelux countries, the cadmium concentrations in aerosols are relatively high, but this is not the case in precipitation. This may be due to influence of regional or more local sources, which can give high air concentrations, but these aerosols are not necessarily scavenged by wet deposition nearby.

The spatial distribution of elemental mercury in air (Figure 3.6), does not follow the same spatial pattern as the other heavy metals. The lowest annual average of gaseous mercury (Hg(g)) was seen in Spain while Norway had highest concentrations. In precipitation, the highest concentrations are in the Netherlands and Spain (if excluding IE and PT data with too high detection limits), while lowest in Great Britain. The reason why the spatial pattern of especially mercury air concentrations differs from the primary emission pattern is that mercury has a long residence time in the atmosphere and that re-emission from soil and ocean may affect sites that are more distant.

In addition to mapping of the annual concentrations, corresponding tables of monthly and annual wet deposition and volume weighted means of concentrations both in air and precipitation are presented in the Annex 2.

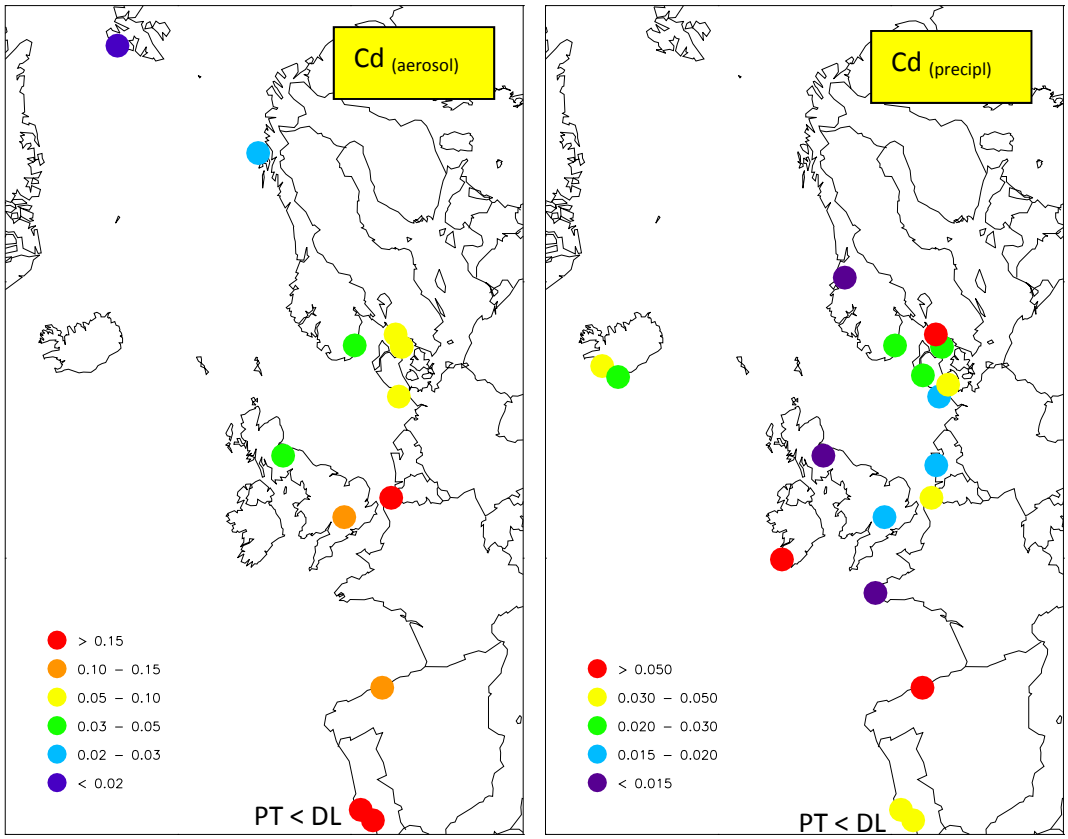

Figure 3.1: Annual concentrations of cadmium in air (µg/m^3) and precipitation (µg/L), 2014.
Note that data marked with under the detection limit (DL), the colour illustrates the upper limit

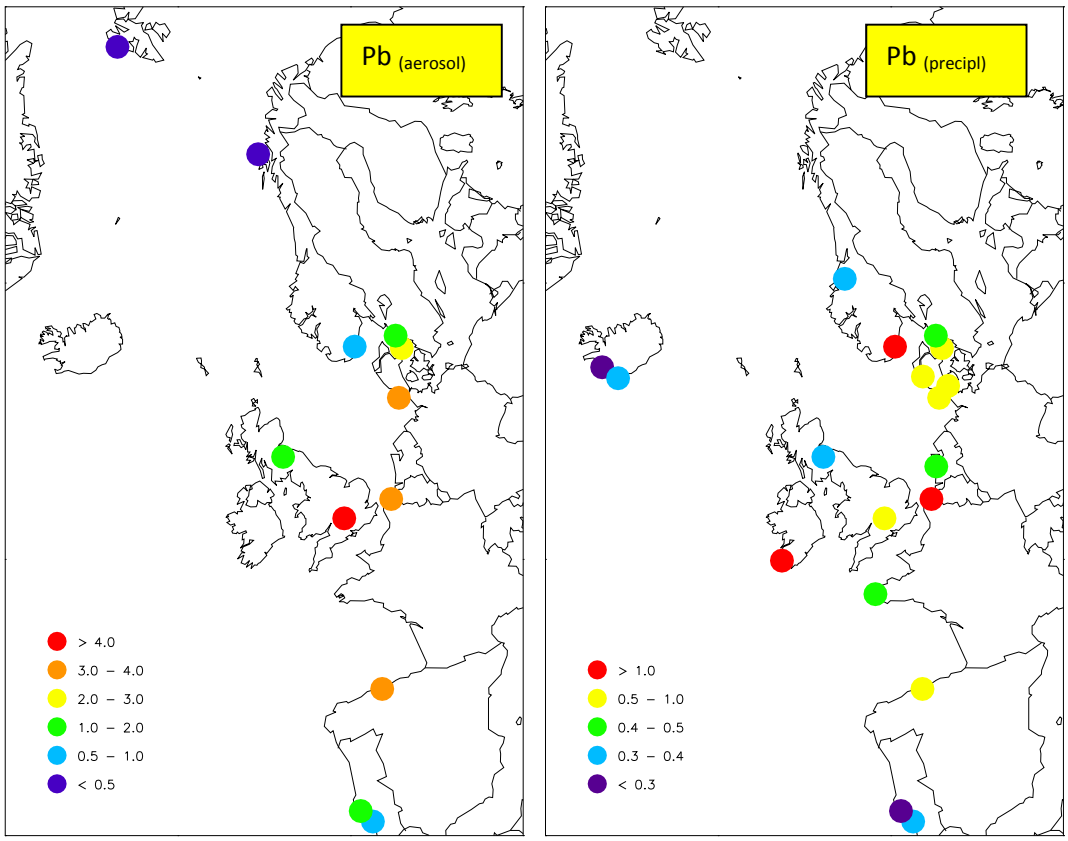

Figure 3.2: Annual concentrations of lead in air (µg/m^3) and precipitation (µg/L), 2014

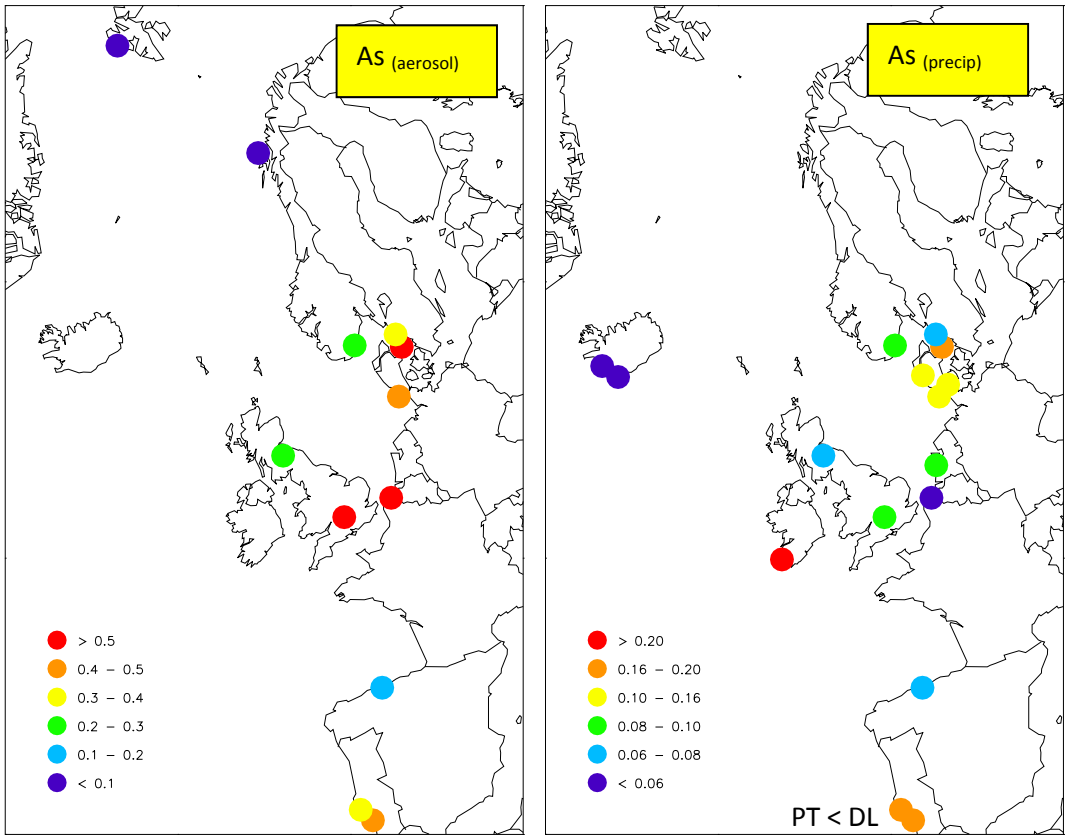

Figure 3.3: Annual concentrations of arsenic in air (µg/m^3) and precipitation (µg/L), 2014
Note that data marked with under the detection limit (DL), the colour illustrates the upper limit

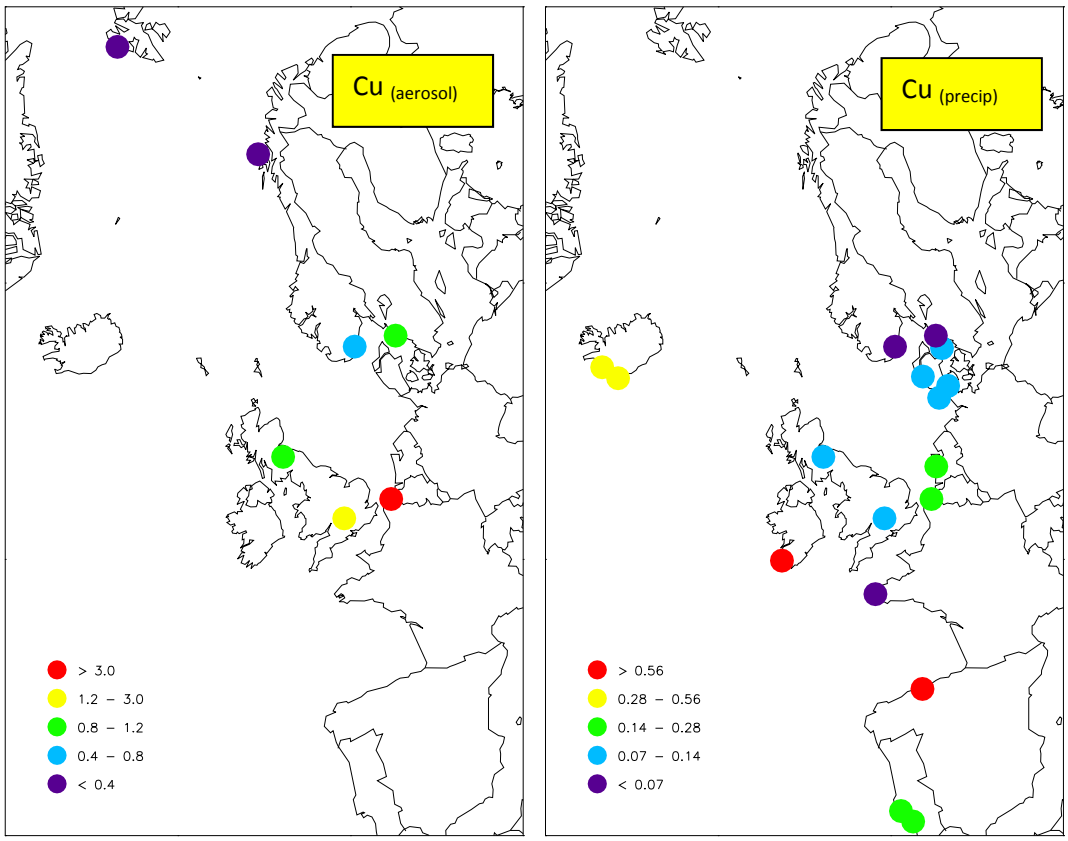

Figure 3.4: Annual concentrations of copper in air (µg/m^3) and precipitation (µg/L), 2014

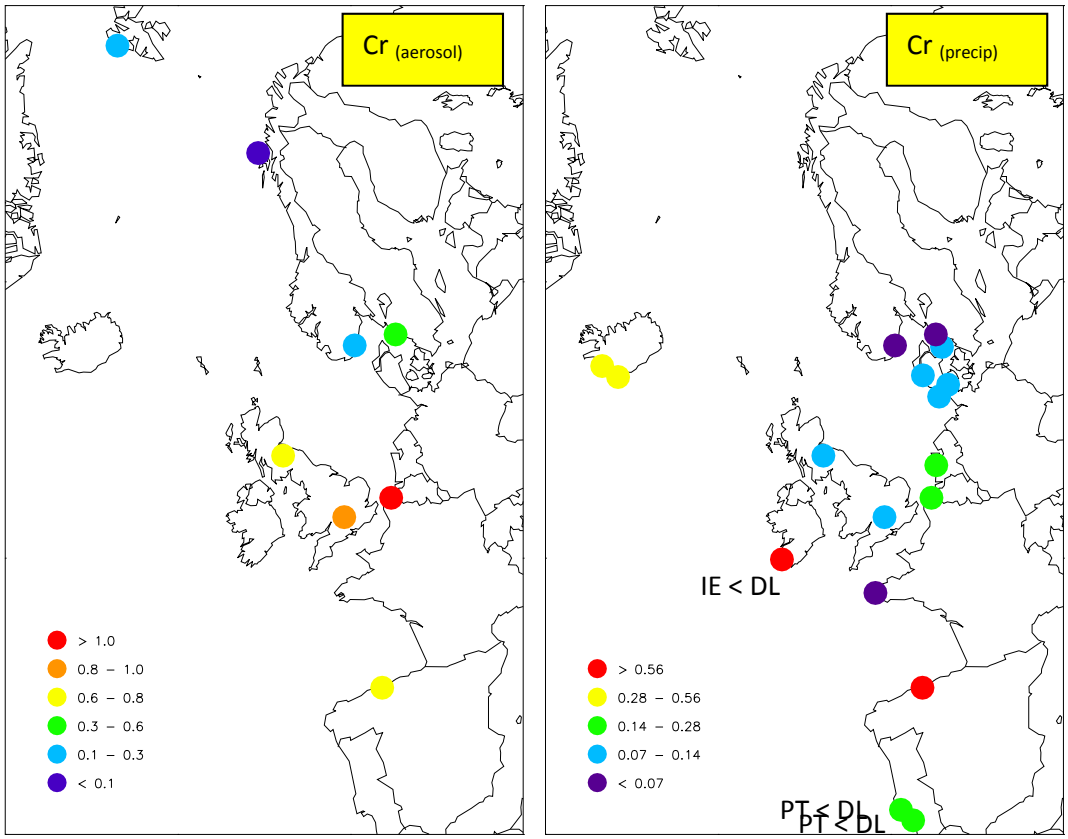

Figure 3.5: Annual concentrations of chromium in air (µg/m^3) and precipitation (µg/L), 2014
Note that data marked with under the detection limit (DL), the colour illustrates the upper limit

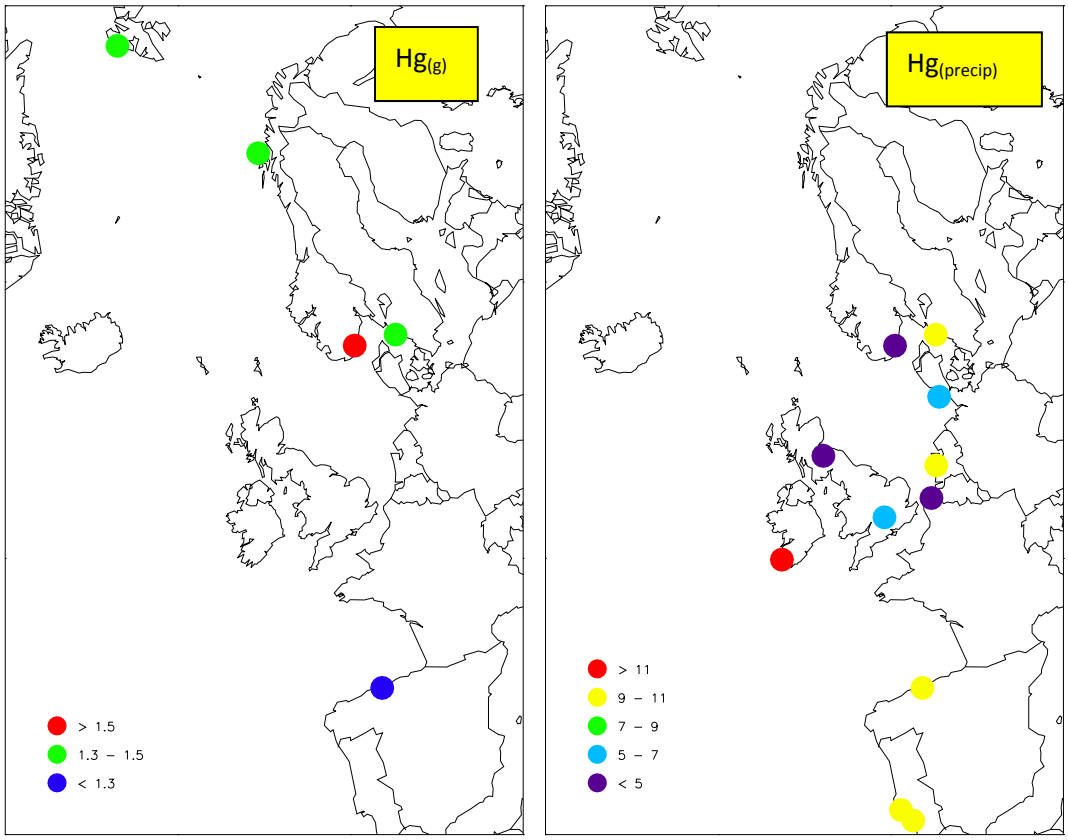

Figure 3.6: Annual concentrations of mercury in air (ng/m^3) and precipitation (ng/L), 2014
Note that data marked with under the detection limit (DL), the colour illustrates the upper limit

3.2 Selected POPs in air

POPs are organic chemicals identified as being toxic, bio-accumulative, persistent and prone to long-range transport, and several are regulated by international law. Most other air pollutants tend to decline with distance from source regions due to dispersion, dilution, degradation and deposition. However, for some POPs, relatively high concentrations have been measured far from major emission regions (Wania, 1999; Tørseth et al., 2012). A characteristic feature of many POPs, unlike most other air pollutants, is their potential to undergo reversible atmospheric deposition (e.g. Larsson, 1985; Nizzetto et al., 2010). Therefore, air concentrations measured today might be either caused by recent primary atmospheric emissions or attributed to re-volatilization of these persistent and semi-volatile substances from contaminated surface reservoirs (soil, water, vegetation, snow, etc.) in contact with the atmosphere.

In Figure 3.7, the annual mean concentrations of selected POPs (□-HCH, Benzo-a-pyrene and PCB 180) in air are shown. □-HCH in air is only measured in at a few sites while benzo-a-pyrene is measured on a larger number of sites mainly due to the fact that PAH is regulated by the EUs air quality directive (EU, 2004). The highest level are seen in the Benelux countries and Spain, while lowest the Arctic (at the station in Svalbard). Details of all the concentrations for all the different POPs measured at the sites in the CAMP programme are found in Annex 2.

Maps for measurements precipitation are not shown because the methods across the network differ and are not comparable, i.e. some sites measure deposition while others concentrations. The data are however, given in the Annex2, and it shows that the site in the Netherlands (NL0091) has the highest level of □-HCH in addition to Portugal which however has problems with the detection limits.

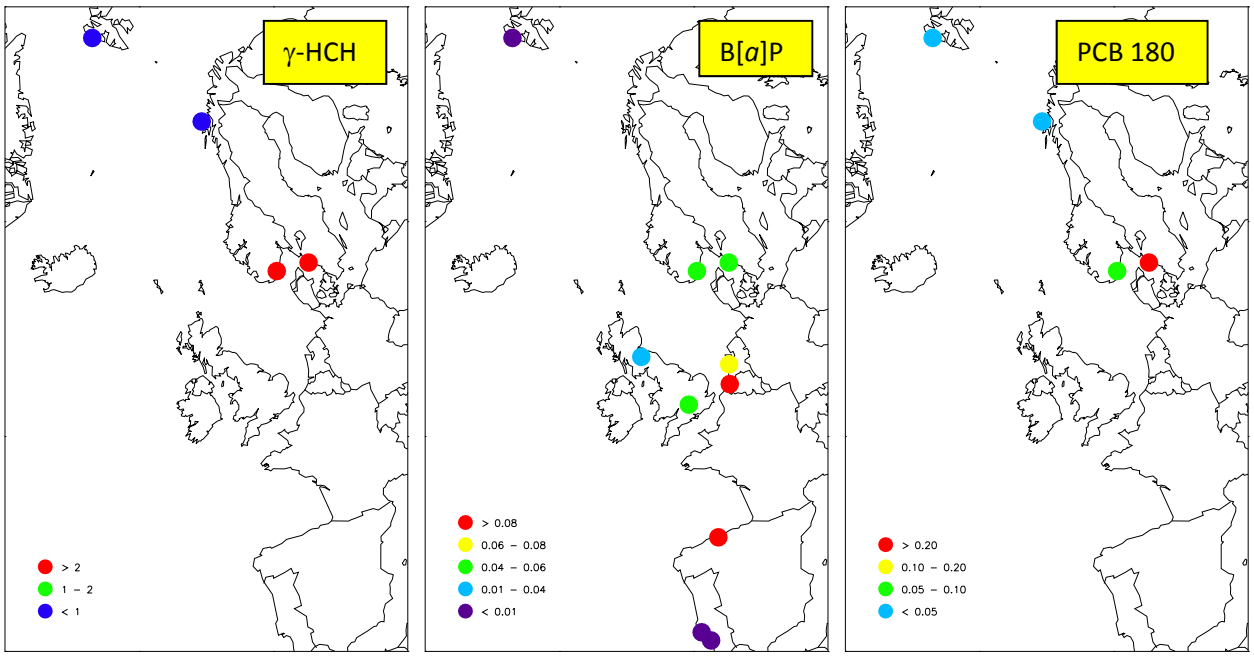

Figure 3.7: □-HCH (pg/m^3), Benzo-a-pyrene (ng/m^3) and PCB 180 in air (pg/m^3) 2014.

3.3 Nitrogen compounds in air and precipitation

Concentrations of oxidised nitrogen in air and precipitation are illustrated in Figure 3.8. The air concentrations of NO_2 are highest around the major emission sources, like from the ship traffic the North Sea in the English Channel. The highest concentrations of nitrate ions in precipitation as well as in air, resembles similar pattern, but in addition elevated concentrations in the Bay of Biscay and Kattegat.

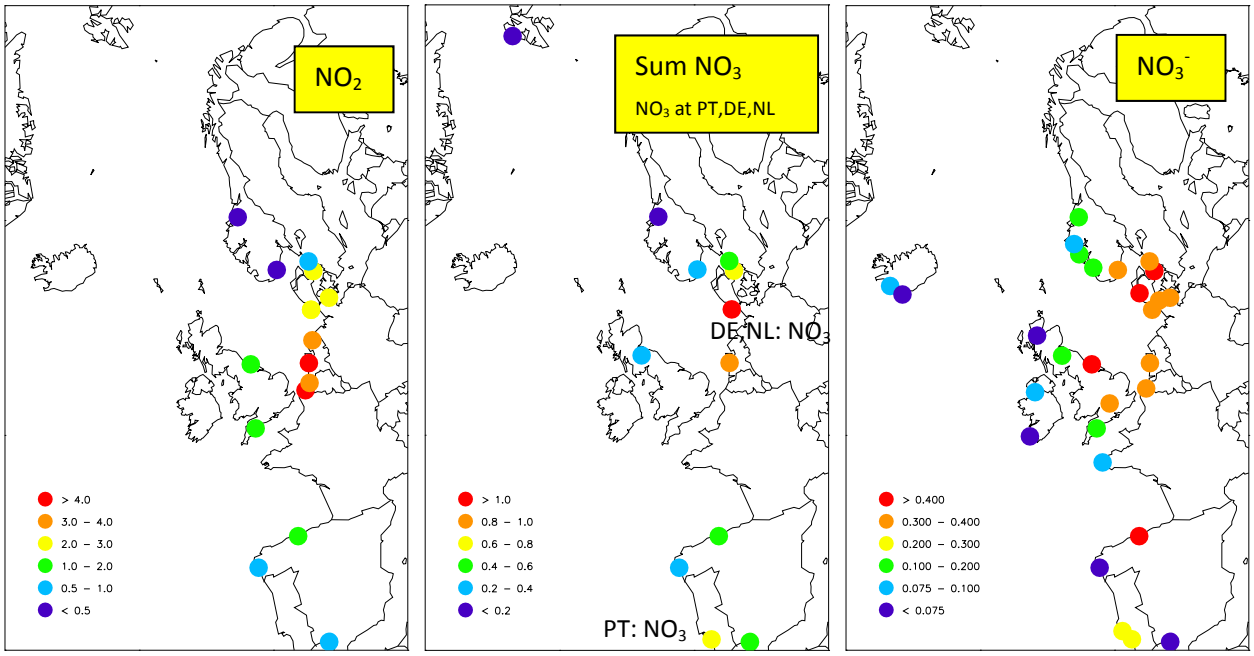

Figure 3.8: Volume weighted annual mean concentrations of oxidised nitrogen in 2014, in air (NO_2 and sum (NO_3 + HNO_3) in □gN/m^3) and in precipitation (NO_3^- in mgN/L). Note that only NO_3^- in aerosol is measured at DE01,NL91 and PT04, thus the sum is higher than illustrated in the figure at these sites.

Concentrations of reduced nitrogen are shown in Figure 3.9. The highest concentrations of sum ammonium (NH_4^++NH_3) in air are not surprisingly highest in the quite intensive agricultural regions in Europe.

Annual wet deposition of total nitrogen is between 62 and 1630 mgN/m^2 (equal 0.6-16 kg ha/year) with the highest deposition in the relatively wet region in Norway (see data in the annex) and in Spain due to high concentration. To estimate the total deposition it is important to also include dry deposition fluxes (Sutton et al., 2011). However, monitoring of dry deposition fluxes has so far mainly been made in relation to research projects, in particular, the European Union integrated project NitroEurope (Skiba et al, 2009; Flechard et al, 2011).

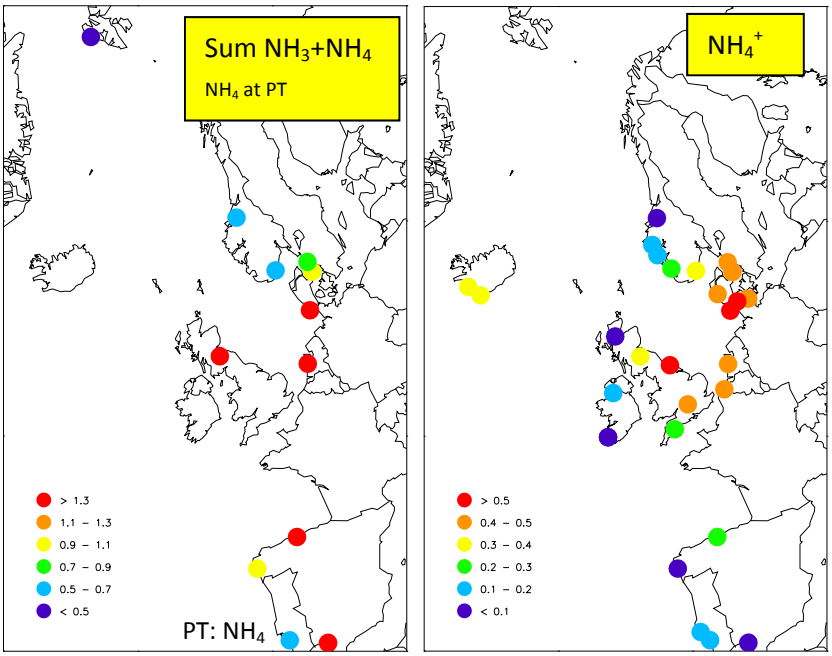

Figure 3.9: Volume weighted annual mean concentrations of reduced nitrogen in 2014, in air (left, gN/m^3) and in precipitation (right, mgN/L). Note that for PT only NH_4^+ in aerosol is measured, thus the sum is higher than illustrated in the figure at this sites.

4 Temporal trends

The temporal trends in the OSPAR CAMP data from 1990 to 2014 have been evaluated. For the statistical analysis, the non-parametric "Mann-Kendall Test" has been used on annual means for detecting and estimating trends (Gilbert, 1987). The Mann-Kendall test has become a standard method in EMEP (Tørseth et al, 2012) for trend analysis when missing values occur and when data are not normally distributed. In parallel to this, the Sen's slope estimator has been used to quantify the scale of potential trends. Thus, the Sen's slope is used to estimate the percent reduction in the concentration level while the Mann-Kendall test is used to indicate the significance level of the trend. Statistical calculations have been carried out using the MAKESENS software (Salmi et al., 2002) which was developed to be used for the previous EMEP assessment (Lövblad et al., 2004). In MAKESENS the two-tailed test is used for four different significance levels (: 0.1, 0.05, 0.01 and 0.001). In this work, we have included all these confidence levels when defining whether the trend is significant or not. For calculating trends, volume weighted annual concentration averages are used, and only sites with sufficient data coverage are included, i.e. 75% data capture for the year, except for heavy metals in air where some sites do have one daily sample pr week, which is accepted. The measurements are not normalised. The average percent change in concentration, and standard deviation are calculated for all the sites, and not only for those with a significant trend. In the figures a selection of sites are used. In Table 4.1, trend statistics for nitrogen and heavy metals for the last two decades of measurements at the CAMP sites are presented.

Table 4.1: Trend statistics for changes in annual concentrations of nitrogen compounds and contaminants at CAMP sites with long-term measurements, calculations for the two periods 1990-2014 and 2000-2014.

Trends 1990 - 2014					
		Sites with sign. trend		Trends in conc.	
Comp	Nr of sites	decrease	increase	Avg.	SD
NO_3 precip	10	70%	0%	-28%	15%
sum NO_3 air	4	50%	25%	17%	60%
NO_2 air	7	100%	0%	-32%	16%
NH_4 precip	10	40%	10%	-10%	22%
sum NH_4 air	5	40%	40%	63%	163%
Hg precip	2	50%	0%	-36%	26%
$Hg_{(g)}$ air	1	0%	0%	-10%	-
Pb precip	8	100%	0%	-78%	11%
Pb air	3	100%	0%	-87%	4%
Cd precip	7	86%	0%	-58%	37%
Cd air	2	100%	0%	-78%	9%

Trends 2000 - 2014					
		Sites with sign. trend		Trends in conc.	
Comp	Nr of sites	decrease	increase	Avg.	SD
NO_3 precip	16	56%	0%	-16%	22%
sum NO_3 air	5	40%	40%	28%	55%
NO_2 air	8	75%	0%	-24%	14%
NH_4 precip	14	21%	8%	-2%	21%
sum NH_4 air	6	33%	17%	43%	98%
Hg precip	4	50%	0%	-20%	19%
$Hg_{(g)}$ air	2	50%	0%	-8%	4%
Pb precip	9	67%	0%	-43%	28%
Pb air	5	100%	0%	-55%	11%
Cd precip	9	44%	0%	-24%	30%
Cd air	5	60%	0%	-24%	35%

4.1 Time series in annual mean for the various nitrogen compounds

There have been quite substantial reductions in emissions of nitrogen oxides during the last decades in Europe (Vestreng et al., 2009; Tørseth et al, 2012). From 1990 to 2009 the NO_x emissions in Europe decreased by 31%. The reductions were in the first decade mainly caused by a change from burning of coal and gas to nuclear power (Lövblad et al., 2004). NO_x emissions from traffic especially in Western European have also decreased, even though fuel consumption increased (Vestreng et al., 2009). The European emission trends of NO_x are reflected in the measurements at the CAMP sites, Table 4.1. From 1990 to 2014, nitrogen dioxide in air and nitrate in precipitation decreased, on average, by 28% and 32%, respectively. The concentrations of total airborne nitrate increased on average, though there are fewer sites with long term trends and one site (NO0039) which show large increase due to local influence has large impact on the average trend. However the difference between these differences in trends can also partly be explained by a shift in equilibrium towards more particulate ammonium nitrate relative to nitric acid caused by a reduction in sulphur dioxide emissions. Reduced sulphur dioxide concentrations, make more ammonia available to bind with nitric acid (Fagerli and Aas, 2008). A more rapid oxidation of NO_x may also have contributed (Monks et al., 2009). The total reduction in observed concentrations of oxidized nitrogen compounds from 2000 is less significant than for the whole period, but a general decrease of about 20% is seen. The trend plots of oxidised nitrogen at some selected sites with measurements covering the two decades are shown in the Figures 4.1-4.3. The selections of sites are chosen to illustrate the spread of concentrations levels as well as showing the regional variations. Sites with measurements back to 1990 are prioritized.

The total European ammonia emissions decreased by 29% from 1990 to 2009 (Tørseth et al, 2012), though with large regional differences. A majority of the CAMP sites show a decreasing trend in both air and precipitation, on average 10% in precipitation. In air however, it is an average increase of 25%, Table 4.1. However, it should be noted that some sites are, due to their location in rural districts, partly affected by local ammonia emissions. Especially this is the case for the two sites in Norway, which show a large increase, and excluding the Norwegian sites, the remaining sites in Denmark and Sweden show a significant decrease of 44%. Concentrations from 2000-2014 show no clear tendency (Table 4.1 and Figure 4.4 and 4.5).

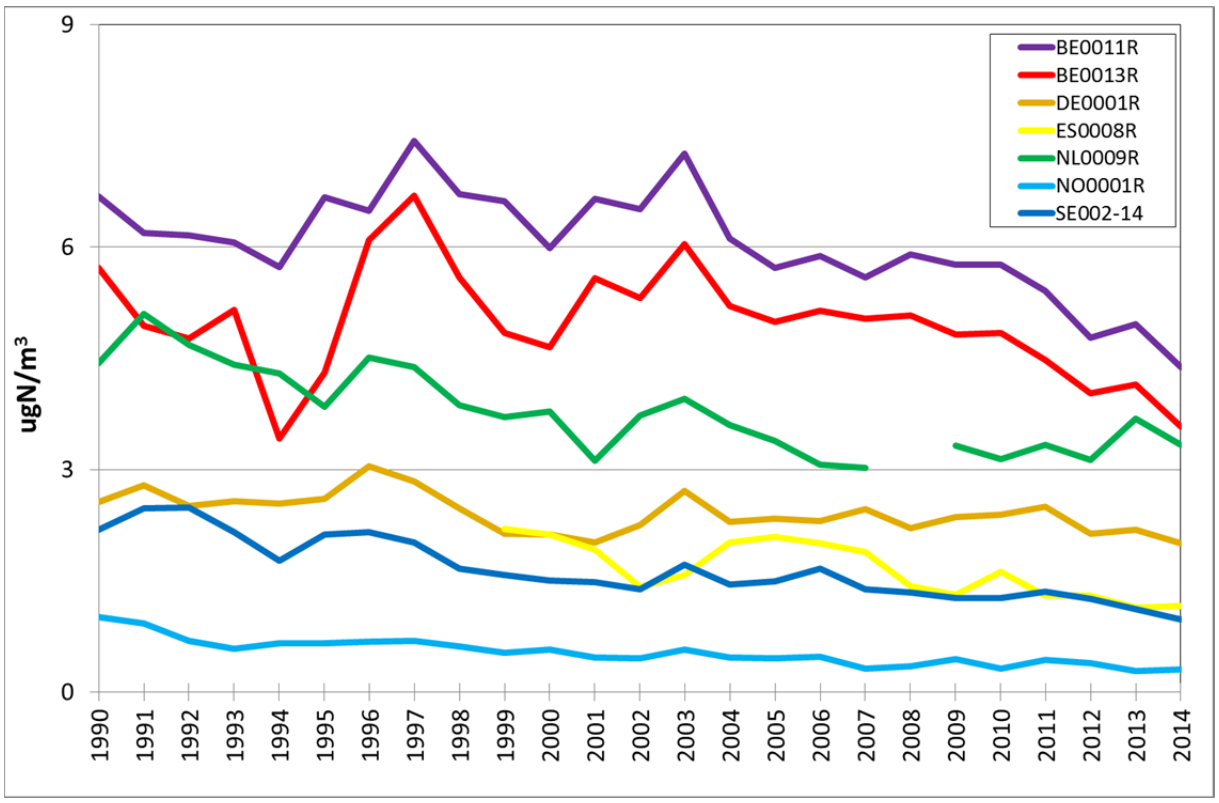

Figure 4.1: Time series of NO_2. Time series with solid lines are sites with significant trends while dotted lines are not.

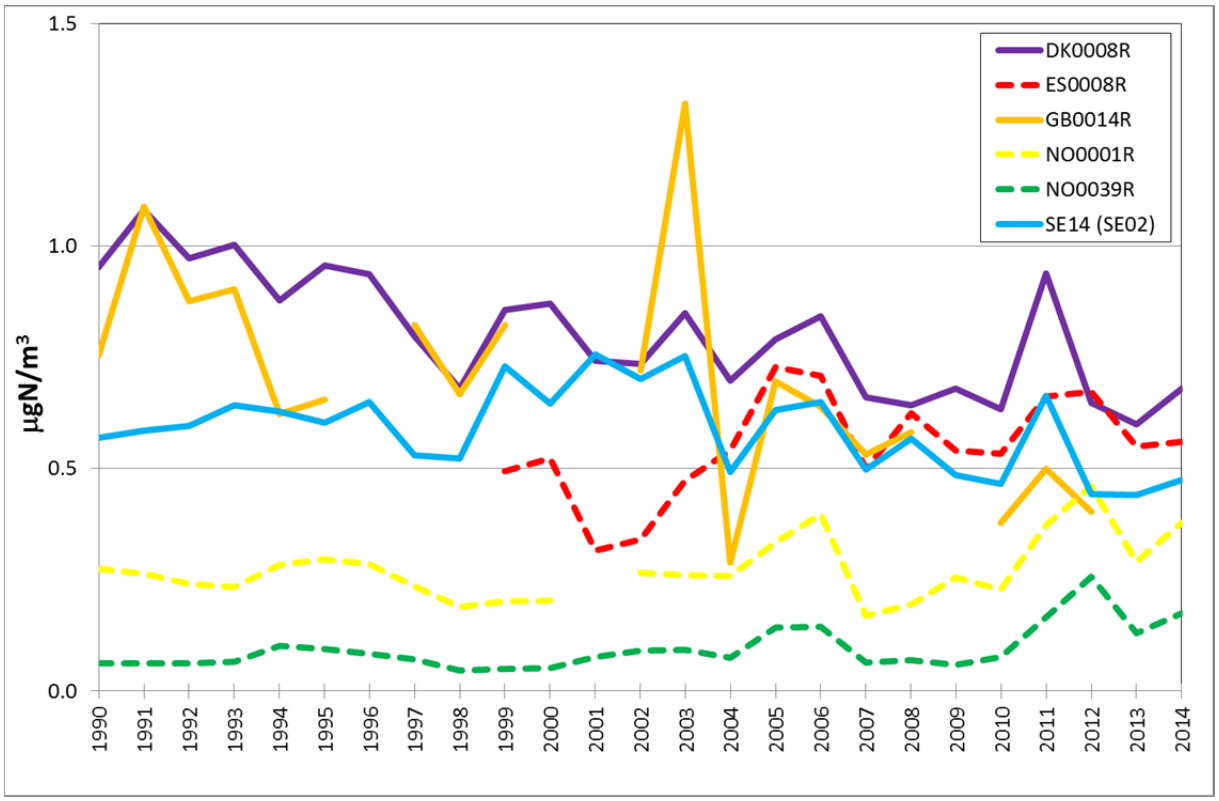

Figure 4.2: Time series of sum of nitrate (HNO_3+NO_3) in air. Solid lines are sites with significant trends while dotted lines are not.

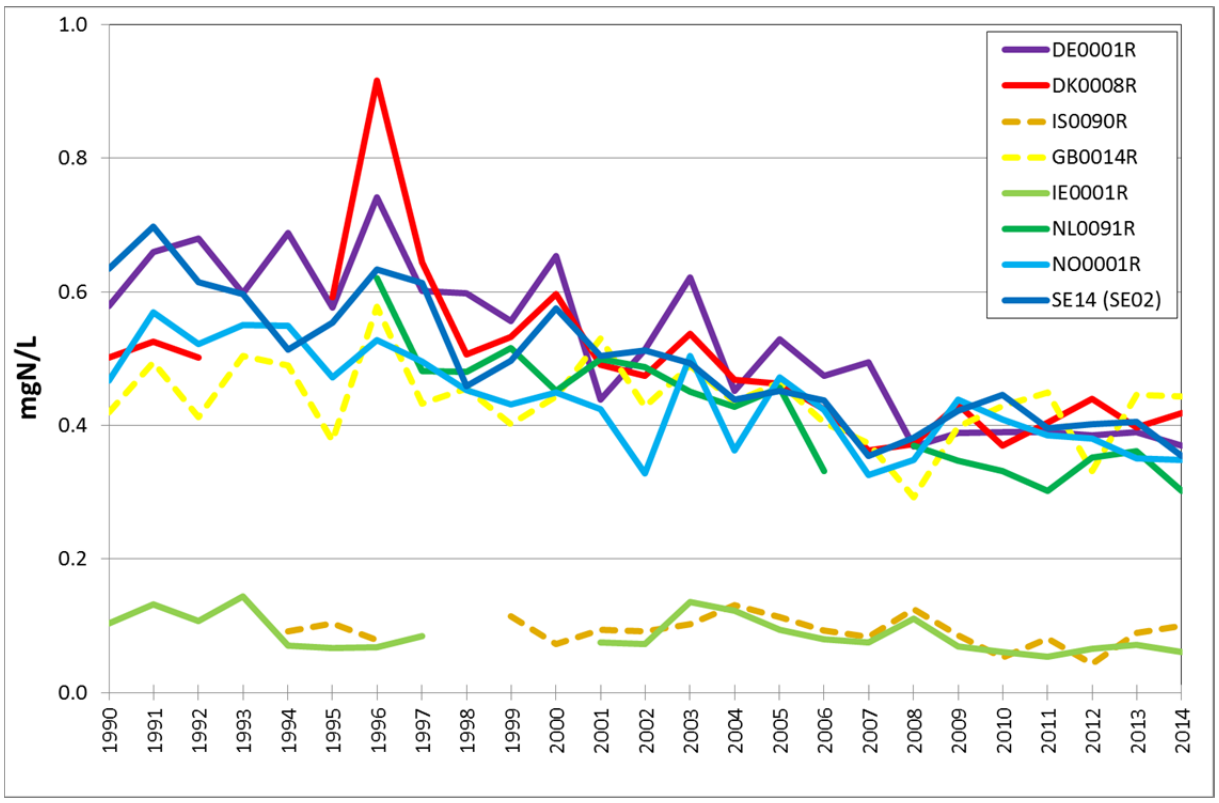

Figure 4.3: Time series of NO_3 in precipitation. Solid lines are sites with significant trends while dotted lines are not.

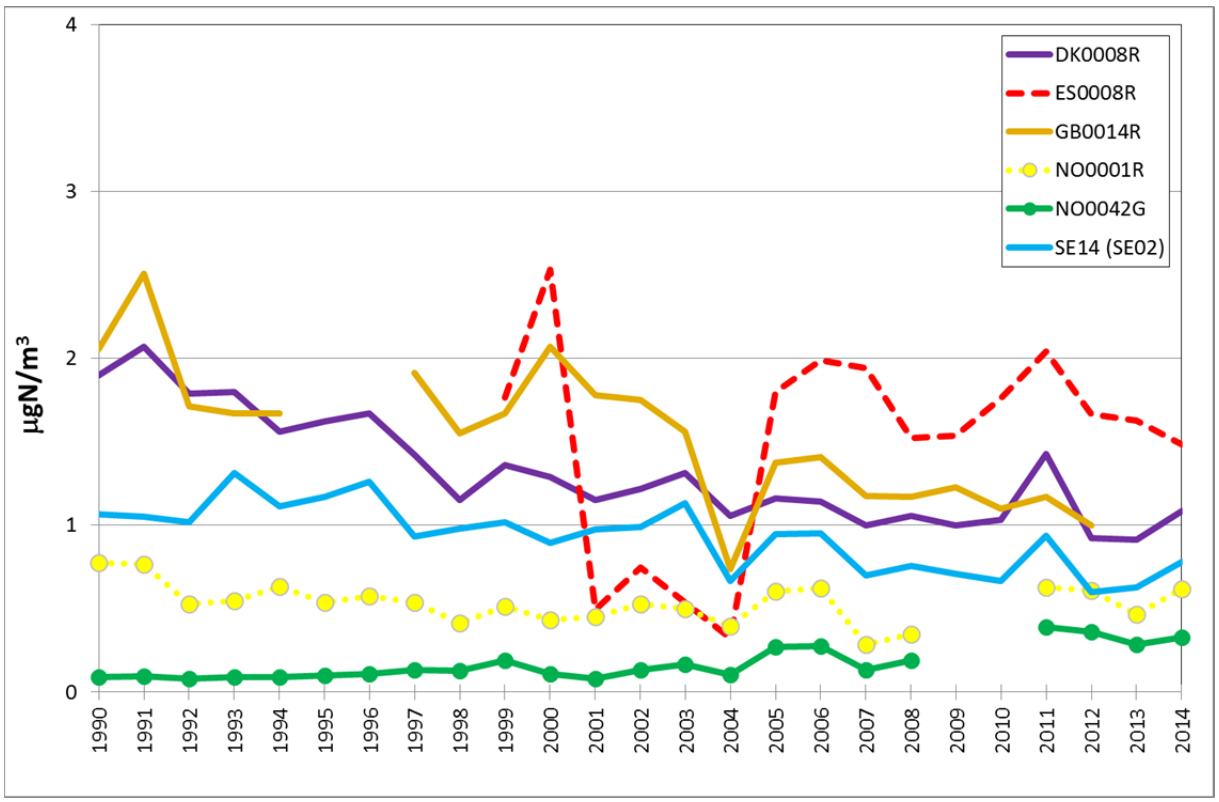

Figure 4.4: Time series of sum of ammonium (NH_3+NH_4) in air. Solid lines are sites with significant trends while dotted lines are not.

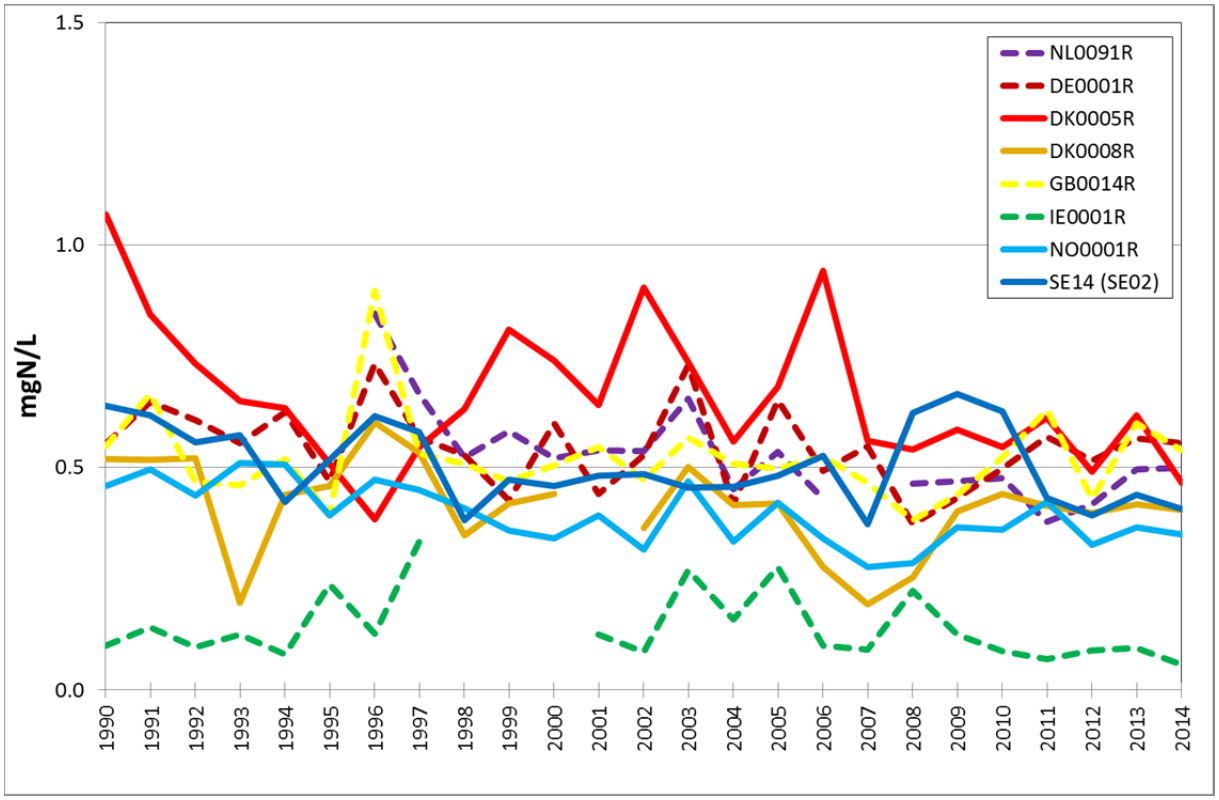

Figure 4.5: Time series of NH_4 in precipitation. Solid lines are sites with significant trends while dotted lines are not.

4.2 Time series in annual mean of heavy metals

When looking at trends in heavy metals, one should keep in mind that the sites with long term monitoring are situated mainly in Northern Europe, and that their average decrease may be different from for the OSPAR domain as a whole. Nevertheless, there is a very clear reduction in both lead and cadmium at the CAMP sites since 1990 as well as from 2000 (see Table 4.1 and Figure 4.6-4.9). This is in line what is reported of emission reduction in Europe (Pacyna et al., 2009).

For mercury, there are only Scandinavian and German sites with long-term measurements, see Figure 4.10. There seems to be a reduction in the concentration in the earlier part of the period, but in the latest decade, the level has not changed significantly. There is some inter-annual variability, but not any clear tendency. This is in line with the fact that the major decline of the European Hg emissions occurred at the end of the 1980s and around 1990 (Pacyna et al., 2009).

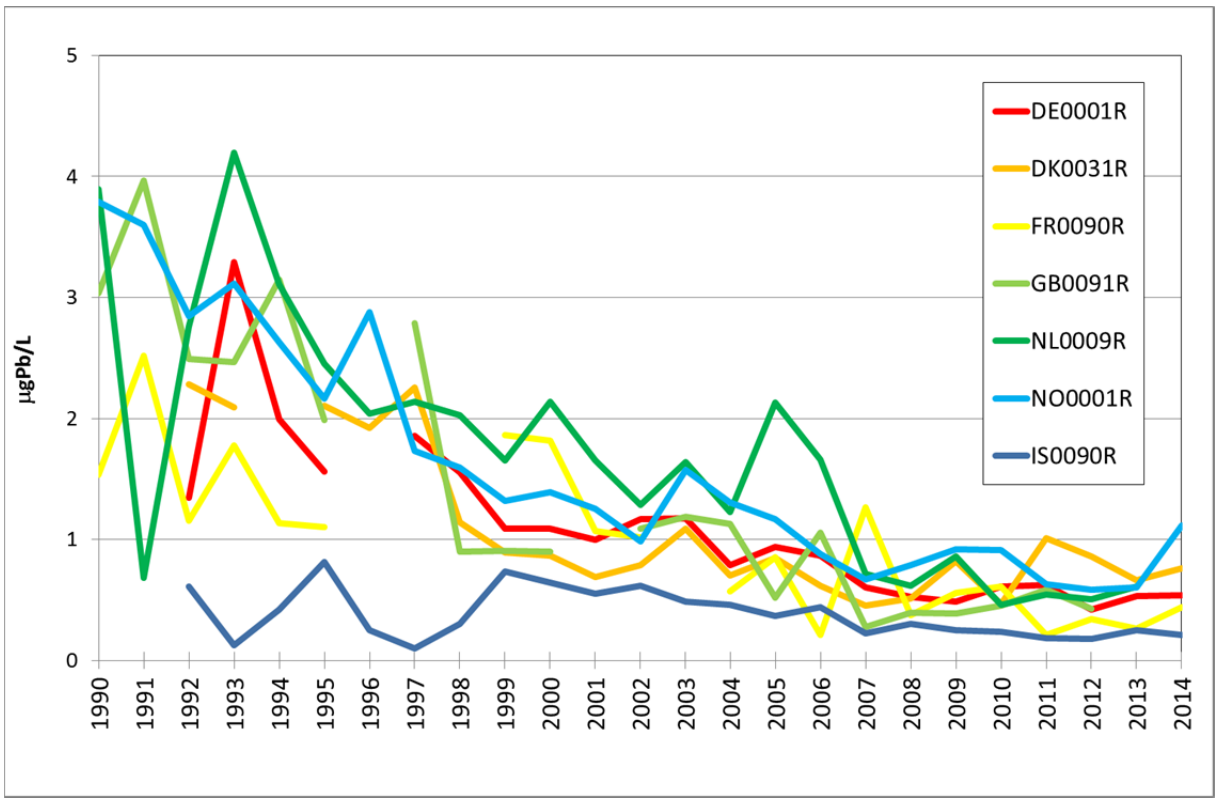

Figure 4.6: Time series of lead in precipitation. Solid lines are sites with significant trends while dotted lines are not.

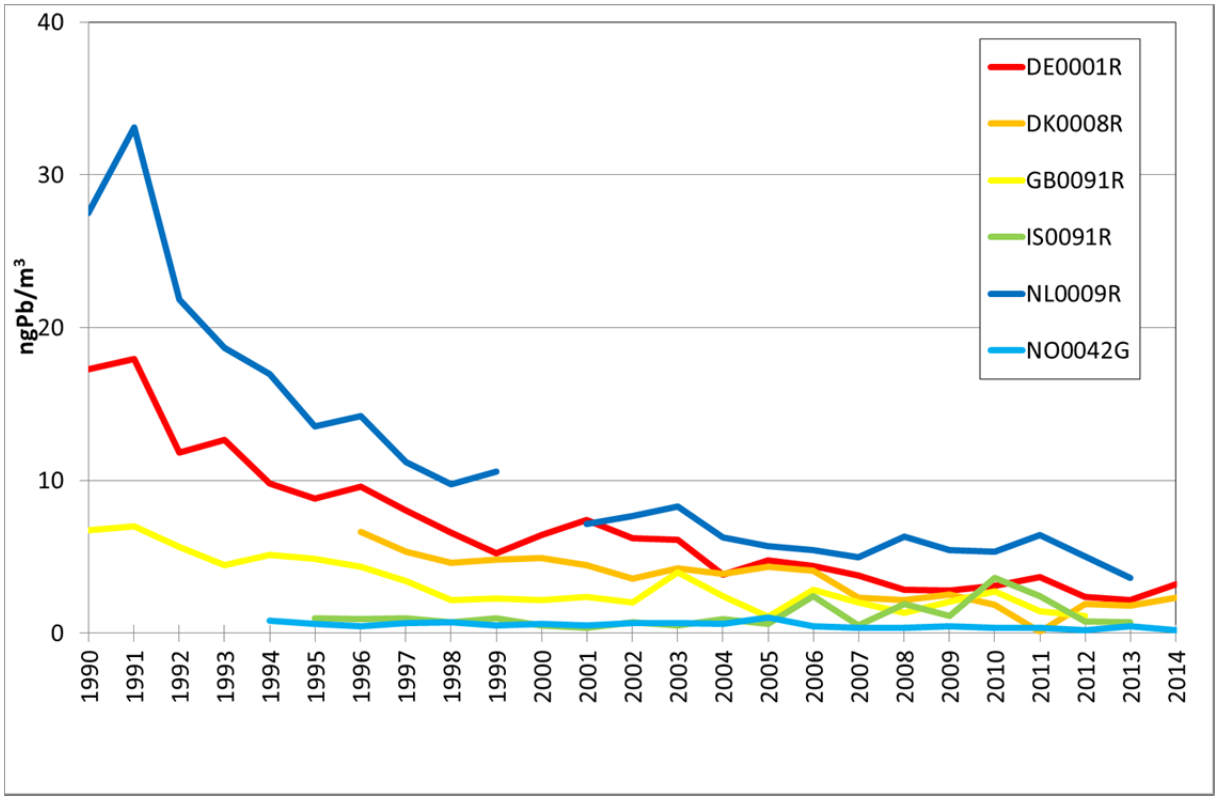

Figure 4.7: Time series of lead in air. Solid lines are sites with significant trends while dotted lines are not.

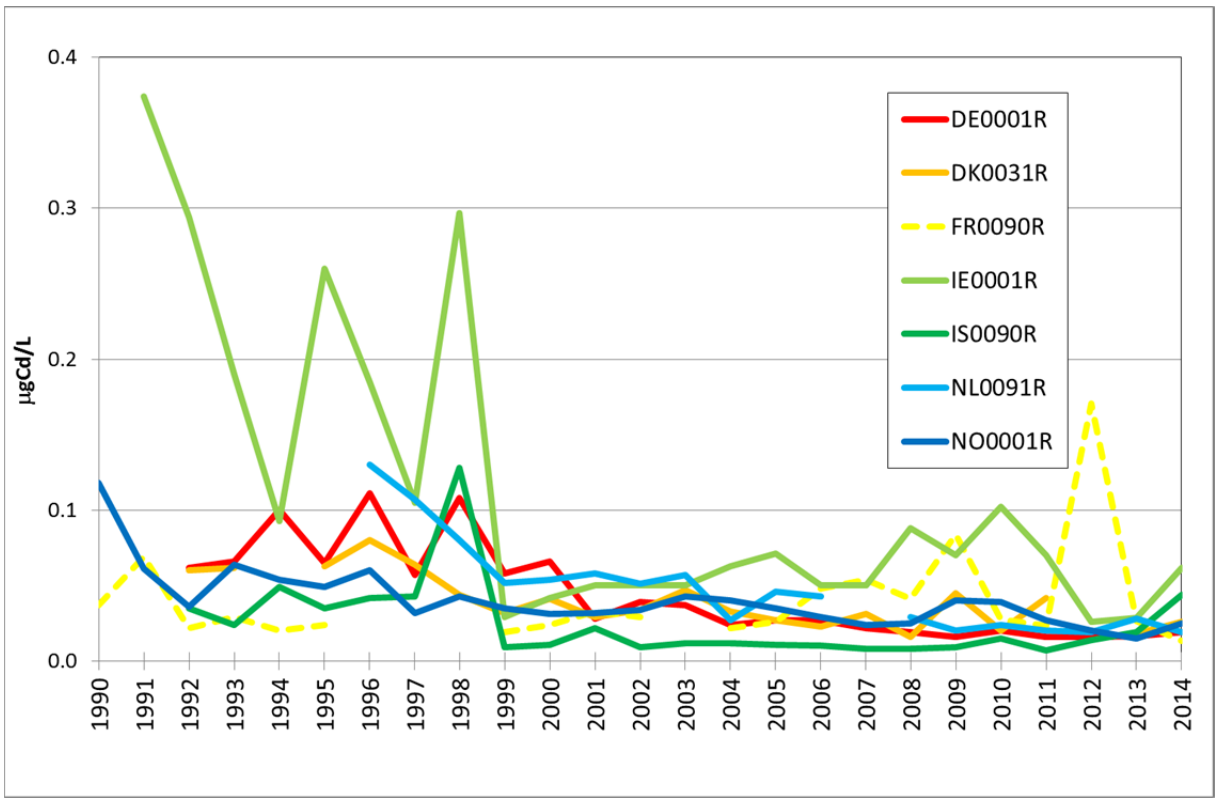

Figure 4.8: Time series of cadmium in precipitation. Solid lines are sites with significant trends while dotted lines are not.

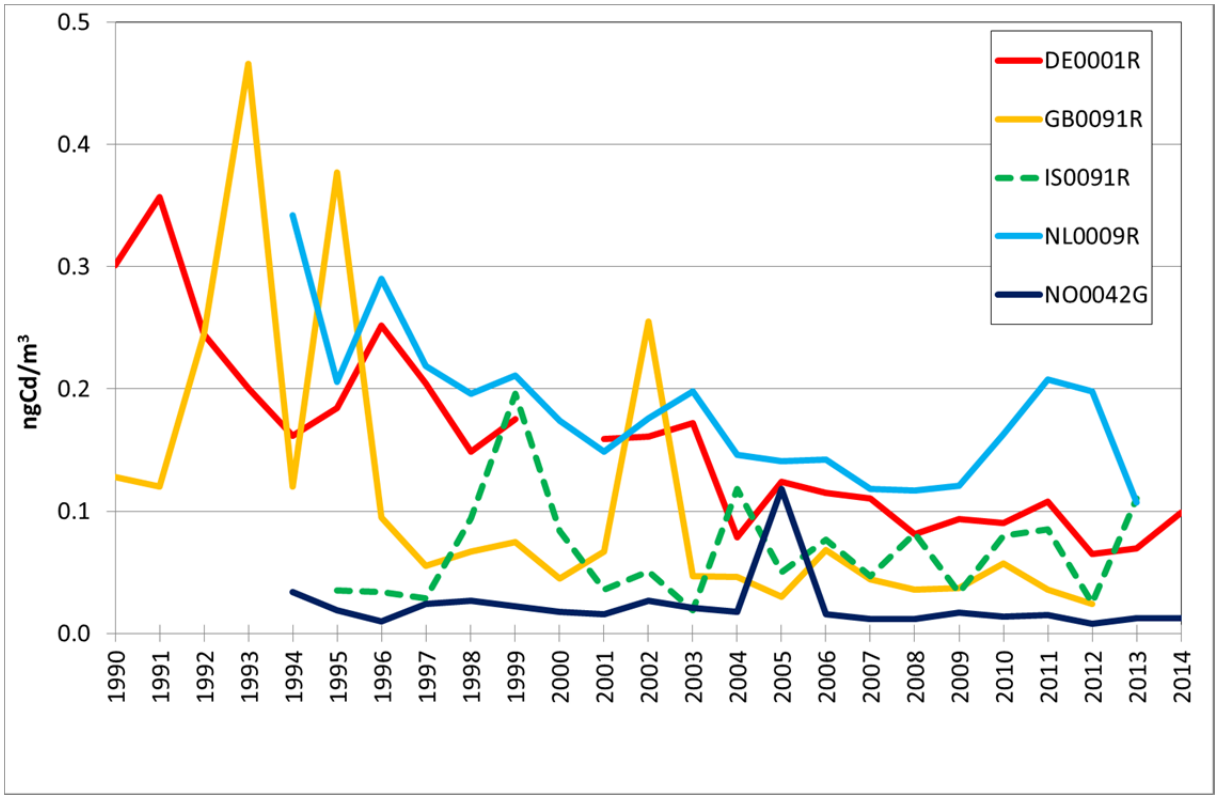

Figure 4.9: Time series of cadmium in air. Solid lines are sites with significant trends while dotted lines are not.

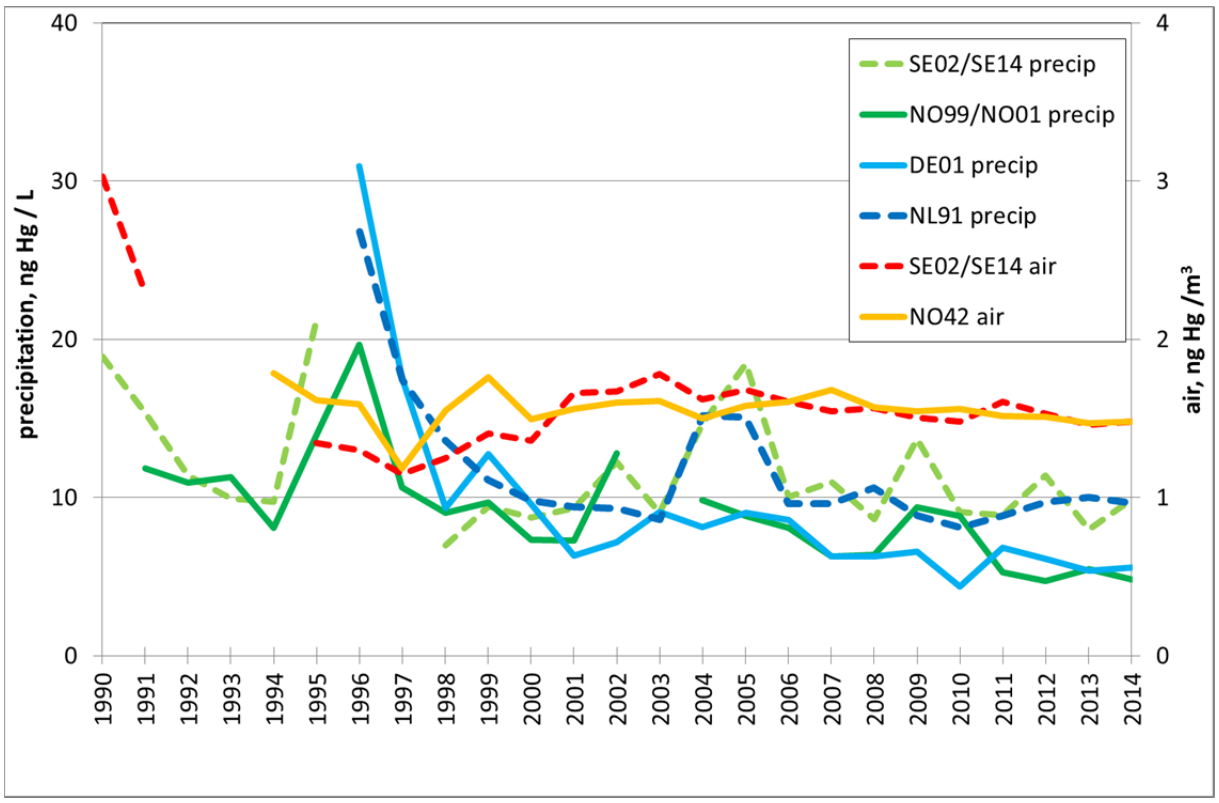

Figure 4.10: Time series of mercury. Solid lines are sites with significant trends while dotted lines are not.

4.3 Time series in annual mean for □-HCH

For □-HCH there has been as significant decline at all the sites, which have measured this compound, especially before 2000, see Figure 4.11 and Figure 4.12. For most other POPs, there are few long-term measurements, but it is quite clear that for legacy POPs there is a general reduction in the observed concentration levels (Tørseth et al, 2012).

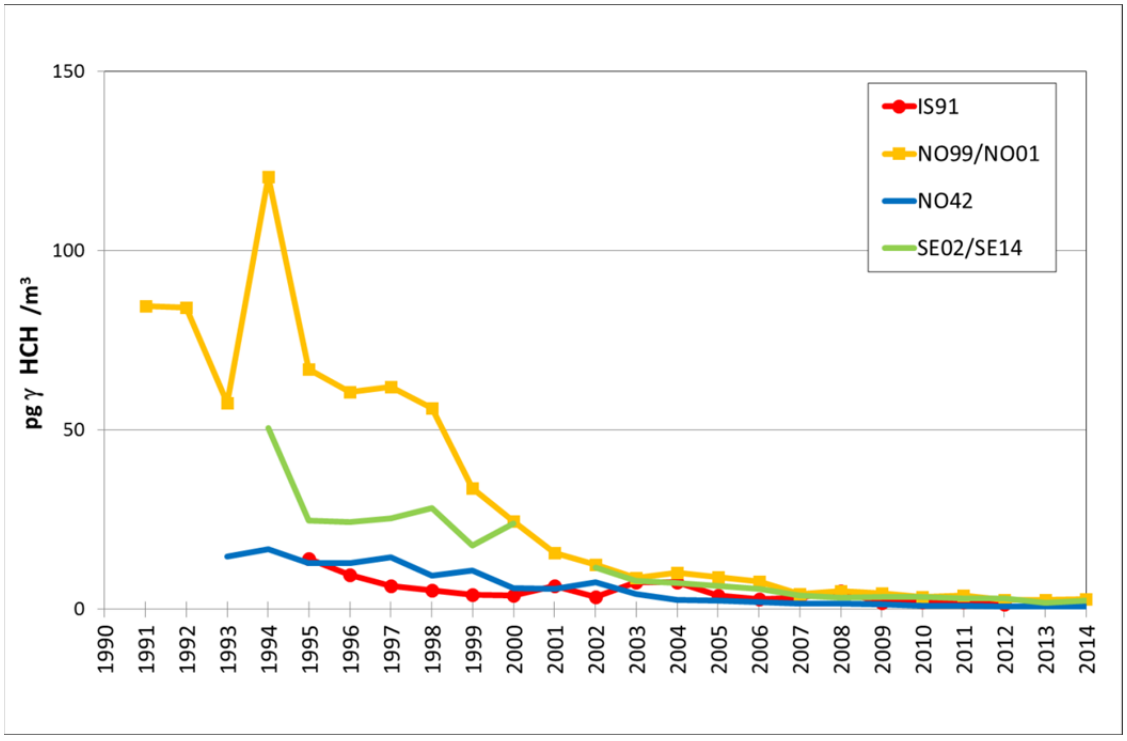

Figure 4.11: Time series of □-HCH in air.

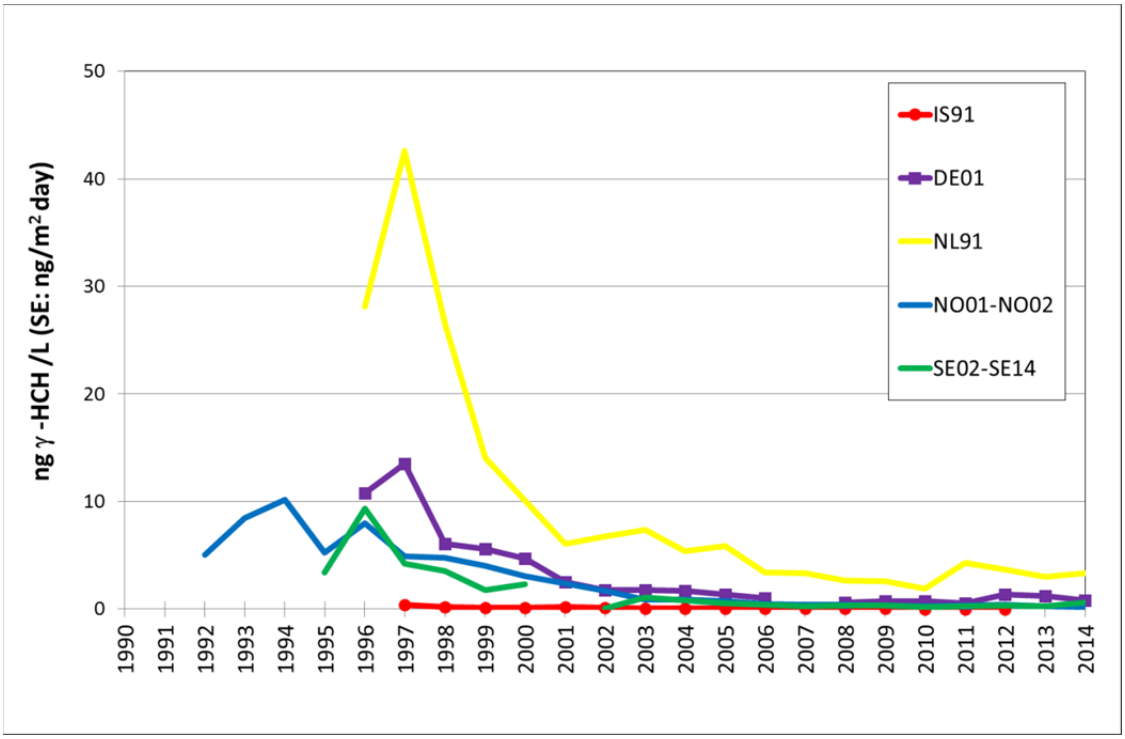

Figure 4.12: Time series of γ-HCH in precipitation (SE02-14 – total deposition).

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Annex 1

Monitoring stations reporting to CAMP in 2014

Table A.1.1: Details of locations of monitoring stations with coordinates and corresponding OSPAR region.

Country	Station number	Station name	OSPAR Region	Lat.	Long.	masl
Iceland	IS0090R	Reykjavik	I	63º 8' N	20º 54' W	52 m
	IS0091R	Storhofdi	I	63º 24' N	20º 17' W	118 m
Norway	NO0001R	Birkenes	II	58º 23' N	8º 15' E	190 m
	NO0039R	Kårvatn	I	62º 47' N	8º 53' E	210 m
	NO0042G	Zeppelin	I	78º54’ N	11º53’ E	475 m
	NO0090R	Andøya	I	69º16’ N	16º0’ E	380 m
	NO0554R	Haukeland	II	60°49' N	5°35' E	190 m
	NO0572R	Vikedal	II	59°32'N	5°58' E	60 m
	NO0655R	Nausta	II	61°35' N	5°54' E	230 m
Belgium	BE0014R	Koksijde	II	51°7' N	2°39' E	4 m
	BE0011R	Moerkerke	II	51°1’’N	2°35’’E	0 m
	BE0013R	Houtem	II	51°15’’N	3°21’’E	10 m
Netherlands	NL0009R	Kollumerwaard	II	53º 20' N	6º 16' E	1 m
	NL0091R	De Zilk	II	52º 18' N	4º 30' E	4 m
Germany	DE0001R	Westerland	II	54º 56' N	8 º 19' E	12 m
Denmark	DK0005R	Keldsnor	II	54º44’N	10º44’E	19 m
	DK0008R	Anholt	II	56º43’N	11º31’E	40 m
	DK0022R	Sepstrup Sande	II	55º5’N	9º36’E	60 m
	DK0031R	Ulborg	II	56º17’N	8º26’E	10 m
Sweden	SE0014R	Råö	II	57º24' N	11º55' E	5 m
United	GB0006R	Lough Navar	III	54º26’ N	7º54 W	126 m
Kingdom	GB0013R	Yarner Wood	II	50º36’ N	3º43 W	119 m
	GB0014R	High Muffles	II	54º20' N	0º48' W	267 m
	GB0015R	Strath Vaich Dam	II	57º44' N	4º46’ W	270 m
	GB0036R	Harwell	II	51º34' N	1º19’ W	137 m
	GB0048R	Auchencorth Moss	II	55º47' N	3º14’ W	260 m
Ireland	IE0001R	Valentia Observ.	III	51º56' N	10º15' W	11 m
France	FR0090R	Porspoder	II	48º31N	4º45’W	50 m
Portugal	PT0006R	Alfragide	IV	38º44'N	9º12' W	109 m
	PT0004R	Monte Velho	IV	38º05'N	8º48' W	43 m
Spain	ES0005R	Noya	IV	42º44'N	8º55' W	683 m
	ES0008R	Niembro	IV	43º27'N	4º51' W	134 m
	ES0017R	Doñana	IV	37º2'N	6º20' W	5 m

Table A.1.2: Responsible CAMP institutes and contact persons.

Country	**Institute**	**Data reporter**
Country	**Institute**	**Data reporter**
Belgium	Flemish Environment Agency	Elke Adriaenssens
Denmark	Department of Environmental Science, Aarhus University	Thomas Ellermann, Rune Keller
France	Université de Bretagne	Matthieu Waeles
Germany	Umweltbundesamt, Langen	Elke Bieber
Great Britain	AEA Technology and	Keith Vincent
	Centre for Ecology and Hydrology (CEH), Edinburgh	David S. Leaver
Iceland	The Icelandic Meteorological Office	Arni Sigurdsson
Ireland	Environmental Protection Agency	Micheál O'Dwyer
Netherlands	National Institute for Public Health and Environmental Protection (RIVM)	Rob Zwartjes, Hans Berkhout
Norway	Norwegian Institute for Air Research (NILU)	Marit Vadset, Wenche Aas
Portugal	The Portugese Air Quality reference Laboratory	João Matos, Susana Casimiro
Spain	Ministerio de Agrilcultura, Alimentación y Medio Ambiente	Alberto Orío-Hernández

Annex 2

Monthly and annual means of reported components.

Table A.2.1 : Nitrate and ammonium concentrations in precipitation, 2014

			Jan		Febr		Mars		April		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
BE0014R	ammonium	mgN/L	0.3197	100	0.3057	100	0.583	100	1.556	100	0.9406	100	0.5906	100	0.4896	100	0.3383	100	0.4584	100	0.5702	100	0.3949	100	0.3951	100	0.49	100
DE0001R	ammonium	mgN/L	0.43	100	0.7464	100	0.8369	97	1.0477	100	0.7295	97	0.6588	100	0.8262	100	0.2982	100	0.6017	100	0.5955	100	1.7372	33	0.2723	100	0.55	98
DK0005R	ammonium	mgN/L	0.2635	100	0.5333	97	0.6795	67	0.8999	100	0.586	100	0.7068	100	0.568	93	0.346	8	0.4773	100	0.3634	100	0.8015	100	0.1455	100	0.47	94
DK0008R	ammonium	mgN/L	0.2253	100	0.2935	100	1.2899	100	0.7593	100	0.5233	100	0.4821	100	0.375	56	0.3432	100	0.5283	100	0.4176	100	0.4514	100	0.1911	100	0.40	99
DK0022R	ammonium	mgN/L	-	0	1.0093	34	0.85	100	1.0017	100	0.765	100	0.557	100	0.3793	100	0.4391	59	0.3136	100	0.5425	100	1.1943	100	0.1537	100	0.57	87
DK0031R	ammonium	mgN/L	0.2195	100	0.4387	100	0.9628	100	1.395	100	0.7408	100	0.5782	100	0.412	95	0.155	100	0.2159	100	0.3022	100	0.426	100	-	-	0.47	100
ES0005R	ammonium	mgN/L	0.0401	100	0.0476	100	0.0613	100	0.0575	100	0.0433	100	0.0567	100	0.0372	100	0.0289	100	0.0593	100	0.0615	100	0.0544	100	0.0406	100	0.05	100
ES0008R	ammonium	mgN/L	0.1165	100	0.1488	100	0.114	100	0.4606	100	0.3153	100	0.8198	99	0.3483	100	0.3039	100	0.2465	100	0.1432	100	0.1314	100	0.152	100	0.21	100
ES0017R	ammonium	mgN/L	0.0383	99	0.0386	96	0.1639	100	0.024	99	0.0244	100	0.15	86	-	-	-	-	0.2132	99	0.02	100	0.0406	100	0.0554	99	0.06	99
GB0006R	ammonium	mgN/L	0.1339	100	0.1106	100	0.3291	100	0.9188	100	0.1383	100	0.5812	100	0.2281	100	0.1387	100	0.1539	100	0.1938	100	0.1299	100	0.0635	100	0.18	100
GB0013R	ammonium	mgN/L	0.1729	100	0.1204	100	0.2986	100	0.5705	100	0.3477	100	0.3377	100	0.2851	100	0.1508	100	0.1885	100	0.3004	100	0.1846	100	0.7499	100	0.24	100
GB0014R	ammonium	mgN/L	0.3734	100	0.4738	100	1.0139	100	1.2135	100	0.5346	100	0.5082	100	0.5658	100	0.4608	100	0.8077	100	0.3609	100	0.442	100	0.4933	100	0.54	100
GB0015R	ammonium	mgN/L	0.0486	100	0.0313	100	0.0897	100	0.2396	100	0.1043	100	0.2501	100	0.0714	100	0.0608	100	0.0669	100	0.0391	100	0.047	100	0.0546	100	0.07	100
GB0036R	ammonium	mgN/L	0.1593	100	0.1813	100	1.0621	100	1.4863	100	0.4564	100	0.7054	100	0.6998	100	0.3237	100	0.8661	100	0.2539	100	0.2865	100	0.1884	100	0.42	100
GB0048R	ammonium	mgN/L	0.1926	100	0.1707	100	0.5017	100	1.1278	100	0.3653	100	0.4482	100	0.4171	100	0.2081	100	0.7353	100	0.158	100	0.2457	100	0.1172	100	0.30	100
IE0001R	ammonium	mgN/L	0.0324	100	0.03	100	0.0481	100	0.0967	100	0.1193	100	0.0653	100	0.1085	100	0.0341	100	0.4215	100	0.0528	100	0.0309	100	0.0488	100	0.06	100
IS0090R	ammonium	mgN/L	0.53	100	0.2282	100	0.2193	100	0.36	100	0.2016	100	0.1804	100	0.14	100	0.04	100	0.2804	100	0.29	100	0.9378	100	0.34	100	0.33	100
IS0091R	ammonium	mgN/L	0.26	100	0.38	100	0.74	100	0.39	100	0.23	100	0.38	100	0.18	100	0.18	100	0.18	100	0.28	100	0.71	100	0.005	100	0.34	100
NL0091R	ammonium	mgN/L	0.3832	97	0.3925	93	0.2411	89	0.7792	88	0.716	92	0.5722	98	0.823	96	0.425	100	0.3462	92	0.4631	86	0.638	90	0.2945	87	0.50	93
NO0001R	ammonium	mgN/L	0.225	100	0.6806	100	1.1491	100	0.2646	99	0.3717	100	0.1381	99	0.5377	100	0.1945	100	0.4065	99	0.1821	100	0.3447	100	0.0841	100	0.35	100
NO0039R	ammonium	mgN/L	0.0937	100	0.1587	100	0.1076	100	0.2046	100	0.3069	100	0.0755	100	0.103	97	0.0842	99	0.1214	99	0.0731	100	0.1049	100	0.0427	100	0.10	100
NO0554R	ammonium	mgN/L	0.1214	100	0.1747	100	0.1311	100	0.1564	100	0.3141	100	0.042	100	0.1391	100	0.2303	100	0.097	100	0.1233	100	0.0593	100	0.0284	100	0.12	100
NO0572R	ammonium	mgN/L	0.2731	100	0.2848	100	0.2646	100	0.5894	100	0.5532	100	0.4502	100	0.3814	100	0.2422	100	0.2192	100	0.2502	100	0.2215	100	0.1487	100	0.27	100
NO0655R	ammonium	mgN/L	0.3721	100	0.4432	100	0.3336	100	0.26	100	0.3007	100	0.0616	100	0.1094	100	0.2165	100	0.09	100	0.1469	100	0.07	100	0.0923	100	0.19	100
PT0004R	ammonium	mgN/L	-	0	0.1	1	0.1	100	0.1	82	0.1	95	0.25	74	0.25	29	-	-	0.15	57	0.1101	100	0.1113	100	0.1	100	0.11	84
PT0006R	ammonium	mgN/L	-	0	0.26	2	0.1409	100	0.1	100	0.1007	100	0.11	100	0.11	34	-	-	0.2074	72	0.1177	100	0.101	100	0.1185	100	0.12	75
SE0014R	ammonium	mgN/L	0.2132	99	0.5387	99	1.1025	99	0.8714	100	0.6625	100	0.301	100	0.2426	100	0.2523	100	0.1634	100	0.487	100	0.4202	100	0.3887	100	0.41	100
BE0014R	nitrate	mgN/L	0.1582	100	0.1714	100	0.4109	100	0.869	100	0.4687	100	0.4218	100	0.3302	100	0.2543	100	0.2585	100	0.2868	100	0.2655	100	0.2966	100	0.30	100
DE0001R	nitrate	mgN/L	0.4408	100	0.4161	100	0.5034	97	0.5943	100	0.4254	97	0.4618	100	0.4551	100	0.2047	100	0.3564	100	0.4877	100	0.9336	33	0.2204	100	0.37	98
DK0005R	nitrate	mgN/L	0.3743	100	0.5265	100	0.6671	100	0.4865	100	0.4395	100	0.4785	100	0.3413	96	0.3072	100	0.3581	100	0.3445	100	0.6241	100	0.1788	100	0.38	100
DK0008R	nitrate	mgN/L	0.3438	100	0.4633	73	1.0622	100	0.4534	100	0.5063	100	0.4031	100	0.4262	100	0.2684	100	0.4248	100	0.5851	100	0.5159	100	0.3098	100	0.42	98
DK0022R	nitrate	mgN/L	0.386	100	0.5072	100	0.5335	100	0.6396	100	0.4641	100	0.3806	100	0.2085	100	0.2325	100	0.3706	100	0.5281	100	0.7956	100	0.1565	100	0.40	100
DK0031R	nitrate	mgN/L	0.3185	100	0.4758	100	0.7462	100	0.8869	100	0.5331	100	0.3789	100	0.3271	100	0.148	100	0.2041	100	0.3311	100	0.53	100	-	-	0.42	100
ES0005R	nitrate	mgN/L	0.0672	100	0.0614	100	0.126	100	0.0919	100	0.0984	100	0.1279	100	0.0444	100	0.0486	100	0.062	100	0.1027	100	0.0588	100	0.0674	100	0.07	100
ES0008R	nitrate	mgN/L	0.579	100	0.6144	100	0.2117	100	0.8654	100	0.5035	100	0.7484	100	0.6116	100	0.5025	100	0.2377	100	0.7993	100	0.4725	100	0.542	100	0.50	100
ES0017R	nitrate	mgN/L	0.04	99	0.058	98	0.1133	100	0.0607	99	0.0868	100	0.2544	100	-	-	-	-	0.138	99	0.0636	100	0.0525	100	0.0931	99	0.07	99
FR0090R	nitrate	mgN/L	0.0127	100	0.0297	100	0.1556	100	0.0719	100	0.0303	100	0.0397	100	0.3255	100	0.3797	100	0.1198	100	0.11	100	0.0407	100	0.1079	100	0.09	100
GB0006R	nitrate	mgN/L	0.0324	100	0.0524	100	0.1413	100	0.443	100	0.1131	100	0.2832	100	0.1161	100	0.0733	100	0.0844	100	0.0774	100	0.0982	100	0.021	100	0.09	100
GB0013R	nitrate	mgN/L	0.0813	100	0.0688	100	0.2178	100	0.4279	100	0.3455	100	0.3545	100	0.2182	100	0.1032	100	0.1306	100	0.1456	100	0.0934	100	0.0597	100	0.15	100
GB0014R	nitrate	mgN/L	0.3733	100	0.3801	100	0.6095	100	0.9006	100	0.4102	100	0.5061	100	0.4484	100	0.2569	100	0.7034	100	0.4565	100	0.4054	100	0.3373	100	0.44	100
GB0015R	nitrate	mgN/L	0.0595	100	0.0685	100	0.0521	100	0.1904	100	0.1556	100	0.2249	100	0.1289	100	0.0429	100	0.0141	100	0.0386	100	0.0983	100	0.0515	100	0.07	100
GB0036R	nitrate	mgN/L	0.1336	100	0.121	100	0.8496	100	0.8009	100	0.4609	100	0.5501	100	0.5458	100	0.1853	100	0.7467	100	0.2658	100	0.3086	100	0.1125	100	0.32	100
GB0048R	nitrate	mgN/L	0.1162	100	0.0963	100	0.2761	100	0.7276	100	0.2549	100	0.3106	100	0.2428	100	0.1332	100	0.3093	100	0.0914	100	0.171	100	0.0361	100	0.18	100
IE0001R	nitrate	mgN/L	0.0496	100	0.0401	100	0.049	100	0.0873	100	0.1189	100	0.0744	100	0.1282	100	0.0446	100	0.298	100	0.0518	100	0.0309	100	0.0394	100	0.06	100
IS0090R	nitrate	mgN/L	0.09	100	0.0823	100	0.0404	100	0.16	100	0.1501	100	0.0717	100	0.06	100	0.04	100	0.0881	100	0.04	100	0.2686	100	0.08	100	0.10	100
IS0091R	nitrate	mgN/L	0.07	100	0.04	100	0.04	100	0.09	100	0.09	100	0.09	100	0.04	100	0.12	100	0.1	100	0.03	100	0.25	100	0.005	100	0.07	100
NL0091R	nitrate	mgN/L	0.2859	99	0.222	95	0.264	92	0.2996	91	0.3746	92	0.3656	98	0.4121	94	0.2726	100	0.3152	96	0.3179	88	0.2909	98	0.2462	89	0.30	95
NO0001R	nitrate	mgN/L	0.3256	100	0.6351	100	0.829	100	0.2668	99	0.3718	100	0.1774	99	0.381	100	0.1817	100	0.328	99	0.1997	100	0.3865	100	0.1342	100	0.35	100
NO0039R	nitrate	mgN/L	0.1765	100	0.14	100	0.0726	100	0.1	100	0.1866	100	0.0738	100	0.17	100	0.1426	99	0.2763	99	0.0949	100	0.1523	100	0.0436	100	0.11	100
NO0554R	nitrate	mgN/L	0.1334	100	0.1338	100	0.104	100	0.1265	100	0.2709	100	0.1294	100	0.1391	100	0.1814	100	0.093	100	0.0984	100	0.1045	100	0.0436	100	0.11	100
NO0572R	nitrate	mgN/L	0.1767	100	0.2268	100	0.1428	100	0.2362	100	0.3737	100	0.2603	100	0.1855	100	0.1396	100	0.1611	100	0.1899	100	0.2505	100	0.0902	100	0.18	100
NO0655R	nitrate	mgN/L	0.1091	100	0.1354	100	0.2094	100	0.06	100	0.1647	100	0.0976	100	0.1194	100	0.147	100	0.04	100	0.0789	100	0.0392	100	0.0375	100	0.10	100

			Jan		Febr		Mars		April		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
PT0004R	nitrate	mgN/L	-	0	0.23	1	0.23	100	0.2518	82	0.23	95	0.57	74	0.57	29	-	-	0.23	57	0.23	100	0.23	100	0.23	100	0.24	84
PT0006R	nitrate	mgN/L	-	0	0.27	2	0.2402	100	0.23	100	0.23	100	0.23	100	0.23	34	-	-	0.2317	72	0.2319	100	0.23	100	0.3512	100	0.25	75
SE0014R	nitrate	mgN/L	0.3002	99	0.6315	99	0.5559	99	0.4777	100	0.5752	100	0.2068	100	0.1553	100	0.2364	100	0.1526	100	0.5082	100	0.3286	100	0.3422	100	0.35	100
BE0014R	amount	mm'	81	100	81	100	43	100	22	100	51	100	44	100	59	55	134	100	26	100	60	100	54	100	71	100	725.11	96
DE0001R	amount	mm'	60	100	47	100	28	100	38	100	42	100	50	100	101	100	181	100	55	100	103	100	22	100	131	94	857.58	100
DK0005R	amount	mm'	38	96	16	100	32	100	36	100	56	100	26	100	27	100	19	48	45	100	67	100	22	100	94	98	476.66	95
DK0008R	amount	mm'	41	44	46	100	19	100	29	98	3	54	38	98	6	54	133	100	29	100	74	100	42	100	79	98	541.70	87
DK0022R	amount	mm'	3	54	82	100	30	100	39	100	106	100	44	100	67	48	148	100	56	100	130	100	55	100	123	98	881.70	92
DK0031R	amount	mm'	88	96	86	100	30	100	55	100	49	100	19	100	39	98	66	52	24	56	133	100	47	48	0	0	634.95	79
ES0005R	amount	mm'	552	100	530	100	206	100	230	100	87	100	70	100	82	100	111	100	292	100	245	100	453	100	63	100	2919.76	100
ES0008R	amount	mm'	123	100	74	100	141	100	55	100	67	100	36	100	36	100	45	100	119	100	57	100	116	100	162	100	1030.73	100
ES0017R	amount	mm'	66	99	52	100	30	100	52	100	8	100	5	100	0	100	0	100	35	100	27	100	161	100	48	100	483.58	100
FR0090R	amount	mm'	179	100	168	100	75	100	46	100	74	100	37	100	33	100	72	100	9	100	93	100	127	100	58	100	971.27	100
GB0006R	amount	mm'	201	100	218	100	114	100	36	100	114	100	65	100	79	100	95	100	59	100	130	100	142	100	266	100	1519.49	100
GB0013R	amount	mm'	284	100	298	100	93	100	69	100	70	100	55	100	36	100	76	100	19	100	142	100	124	100	36	55	1301.87	96
GB0014R	amount	mm'	137	100	72	100	34	100	43	100	95	100	39	100	56	100	74	100	40	100	65	100	98	100	47	100	800.59	100
GB0015R	amount	mm'	105	100	185	100	101	100	92	100	112	98	6	48	20	42	173	100	27	100	199	100	64	100	166	100	1248.93	91
GB0036R	amount	mm'	157	100	112	96	33	100	60	100	66	97	25	97	15	100	61	100	15	100	79	100	88	100	36	100	748.90	99
GB0048R	amount	mm'	79	100	101	100	74	100	46	100	34	100	42	100	37	100	119	100	12	100	99	100	56	100	101	100	799.18	100
IE0001R	amount	mm'	297	100	278	100	142	100	89	100	113	100	58	100	82	100	72	100	29	100	189	100	199	100	147	100	1693.68	100
IS0090R	amount	mm'	54	100	15	100	104	100	28	100	92	100	141	97	130	100	109	100	210	100	122	100	167	100	94	94	1266.70	99
IS0091R	amount	mm'	45	39	62	57	236	100	148	67	76	65	57	100	152	100	83	100	187	100	68	61	68	47	158	94	1340.40	78
NL0091R	amount	mm'	85	99	65	100	28	100	36	100	69	100	43	100	71	100	116	84	13	100	42	100	16	53	87	100	670.26	95
NO0001R	amount	mm'	410	100	338	100	97	100	44	100	79	100	64	100	64	100	279	100	158	100	427	100	277	100	99	100	2335.25	100
NO0039R	amount	mm'	9	99	8	100	99	100	86	100	44	100	206	100	63	100	130	100	112	100	75	100	29	100	238	100	1098.54	100
NO0554R	amount	mm'	237	100	362	100	480	100	239	100	168	100	93	100	149	100	159	100	203	100	656	100	257	100	507	100	3511.57	100
NO0572R	amount	mm'	154	100	320	100	382	100	158	100	92	100	42	100	136	97	196	100	158	100	539	100	212	100	502	100	2891.03	100
NO0655R	amount	mm'	56	100	198	100	158	100	4	100	108	100	125	100	188	100	62	90	96	100	257	100	35	100	439	100	1725.26	99
PT0004R	amount	mm'	-	0	43	73	35	100	47	100	10	100	11	100	4	100	0	100	60	100	119	100	158	100	47	76	533.10	87
PT0006R	amount	mm'	-	0	186	88	54	100	74	100	33	100	28	100	7	100	0	100	115	100	116	100	199	100	75	75	884.90	88
SE0014R	amount	mm'	49	100	73	100	17	100	40	100	29	100	73	100	75	100	80	100	56	100	108	100	62	100	81	100	743.50	100

Table A.2.2 : Wet deposition of nitrogen, 2014

Site	Comp	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2014	Total N
BE0014R	ammonium	mgN/m2	26	25	25	34	48	26	29	45	12	34	21	28	353	572
BE0014R	nitrate	mgN/m2	13	14	18	19	24	19	19	34	7	17	14	21	218	
DE0001R	ammonium	mgN/m2	26	35	24	40	31	33	84	54	33	61	38	36	475	793
DE0001R	nitrate	mgN/m2	27	20	14	22	18	23	46	37	19	50	20	29	317	
DK0005R	ammonium	mgN/m2	10	8	22	32	33	19	15	6	22	25	18	14	222	405
DK0005R	nitrate	mgN/m2	14	8	21	17	24	13	9	6	16	23	14	17	183	
DK0008R	ammonium	mgN/m2	9	14	25	22	2	18	2	46	15	31	19	15	219	445
DK0008R	nitrate	mgN/m2	14	21	21	13	2	15	3	36	12	43	22	25	226	
DK0022R	ammonium	mgN/m2	-	82	25	39	81	24	25	65	18	71	65	19	500	850
DK0022R	nitrate	mgN/m2	1	41	16	25	49	17	14	34	21	69	43	19	350	
DK0031R	ammonium	mgN/m2	19	38	29	76	36	11	16	10	5	40	20	-	301	570
DK0031R	nitrate	mgN/m2	28	41	22	49	26	7	13	10	5	44	25	-	269	
ES0005R	nitrate	mgN/m2	37	33	26	21	9	9	4	5	18	25	27	4	217	364
ES0005R	ammonium	mgN/m2	22	25	13	13	4	4	3	3	17	15	25	3	147	
ES0008R	nitrate	mgN/m2	71	45	30	47	34	27	22	22	28	46	55	88	516	737
ES0008R	ammonium	mgN/m2	14	11	16	25	21	30	12	14	29	8	15	25	221	
ES0017R	nitrate	mgN/m2	3	3	3	3	1	1	-	-	5	2	8	4	34	62
ES0017R	ammonium	mgN/m2	3	2	5	1	0	1	-	-	7	1	7	3	29	
FR0090R	nitrate	mgN/m2	2	5	12	3	2	1	11	27	1	10	5	6	87	
GB0006R	nitrate	mgN/m2	7	11	16	16	13	18	9	7	5	10	14	6	132	409
GB0006R	ammonium	mgN/m2	27	24	38	33	16	38	18	13	9	25	18	17	276	
GB0013R	nitrate	mgN/m2	23	21	20	29	24	20	8	8	3	21	12	2	190	502
GB0013R	ammonium	mgN/m2	49	36	28	39	24	19	10	11	4	43	23	27	313	
GB0014R	nitrate	mgN/m2	51	28	21	39	39	20	25	19	28	30	40	16	355	785
GB0014R	ammonium	mgN/m2	51	34	35	52	51	20	32	34	32	24	43	23	431	
GB0015R	nitrate	mgN/m2	6	13	5	18	17	1	3	7	0	8	6	9	93	182
GB0015R	ammonium	mgN/m2	5	6	9	22	12	1	1	10	2	8	3	9	89	
GB0036R	nitrate	mgN/m2	21	14	28	48	31	14	8	11	11	21	27	4	239	553
GB0036R	ammonium	mgN/m2	25	20	35	90	30	18	11	20	13	20	25	7	314	

Site	Comp	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2014	Total N
GB0048R	nitrate	mgN/m2	9	10	20	33	9	13	9	16	4	9	10	4	145	387
GB0048R	ammonium	mgN/m2	15	17	37	51	12	19	15	25	9	16	14	12	242	
IE0001R	ammonium	mgN/m2	11	11	9	11	19	5	12	3	19	13	8	8	128	265
IE0001R	nitrate	mgN/m2	20	15	8	10	18	5	15	4	14	13	7	7	137	
IS0090R	ammonium	mgN/m2	29	4	23	10	18	25	18	4	59	35	156	32	414	541
IS0090R	nitrate	mgN/m2	5	1	4	5	14	10	8	4	19	5	45	7	127	
IS0091R	ammonium	mgN/m2	12	24	174	58	18	22	27	15	34	19	48	1	451	546
IS0091R	nitrate	mgN/m2	3	2	9	13	7	5	6	10	19	2	17	1	95	
NL0091R	ammonium	mgN/m2	33	26	7	28	49	24	59	49	5	19	10	26	335	537
NL0091R	nitrate	mgN/m2	24	14	7	11	26	16	29	32	4	13	5	21	203	
NO0001R	nitrate	mgN/m2	133	214	80	12	29	11	24	51	52	85	107	13	813	1 631
NO0001R	ammonium	mgN/m2	92	230	111	12	29	9	35	54	64	78	96	8	818	
NO0039R	nitrate	mgN/m2	2	1	7	9	8	15	11	18	31	7	4	10	124	233
NO0039R	ammonium	mgN/m2	1	1	11	18	14	16	6	11	14	5	3	10	109	
NO0554R	nitrate	mgN/m2	32	49	50	30	46	12	21	29	19	65	27	22	400	837
NO0554R	ammonium	mgN/m2	29	63	63	37	53	4	21	37	20	81	15	14	437	
NO0572R	nitrate	mgN/m2	27	73	55	37	34	11	25	27	25	102	53	45	516	1 304
NO0572R	ammonium	mgN/m2	42	91	101	93	51	19	52	47	35	135	47	75	788	
NO0655R	nitrate	mgN/m2	6	27	33	0	18	12	22	9	4	20	1	16	170	496
NO0655R	ammonium	mgN/m2	21	88	53	1	33	8	21	13	9	38	2	40	326	
PT0004R	ammonium	mgN/m2	-	4	3	5	1	3	1	-	9	13	18	5	60	188
PT0004R	nitrate	mgN/m2	-	10	8	12	2	6	2	-	14	27	36	11	127	
PT0006R	ammonium	mgN/m2	-	48	8	7	3	3	1	-	24	14	20	9	109	326
PT0006R	nitrate	mgN/m2	-	50	13	17	8	6	2	-	27	27	46	26	217	
SE0014R	ammonium	mgN/m2	10	39	19	35	19	22	18	20	9	53	26	32	303	566
SE0014R	nitrate	mgN/m2	15	46	10	19	17	15	12	19	9	55	20	28	263	

Table A.2.3 : Concentrations of nitrogen compounds in air, 2014

				Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	matrix	Unit	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg
BE0011R	nitrogen_dioxide	air	µg N /m3	5.18	97	3.65	100	6.39	100	5.48	100	3.65	100	3.04	100	2.74	100	2.74	100	4.26	100	4.26	100	6.39	100	4.87	100	4.39	100
BE0013R	nitrogen_dioxide	air	µg N /m3	3.65	97	2.44	100	5.48	100	4.87	100	2.74	100	2.13	100	2.74	100	2.13	100	4.26	100	3.35	100	5.18	100	3.96	100	3.58	100
DE0001R	nitrogen_dioxide (monitor, hourly)	air	µg N /m3	3.16	96	4.39	95	2.45	95	1.72	96	1.11	95	0.77	95	0.93	96	0.75	95	1.18	92	2.84	94	3.36	95	1.59	94	2.01	95
DE0001R	nitrogen_dioxide (manual daily)	air	µg N /m3	3.41	100	4.57	100	2.93	84	2.05	100	1.49	90	1.13	93	1.52	74	1.20	97	1.43	100	3.30	100	3.64	100	2.02	100	2.41	95
DK0005R	nitrogen_dioxide	air	µg N /m3	3.37	56	4.94	95	3.58	91	2.48	95	1.97	95	1.38	95	1.90	95	1.37	95	1.92	95	2.93	94	2.96	95	1.32	45	2.51	87
DK0008R	nitrogen_dioxide	air	µg N /m3	2.72	95	5.06	95	3.31	94	3.34	83	2.06	94	1.32	94	1.68	95	1.17	88	1.77	95	2.41	93	2.58	92	1.71	95	2.41	93
ES0005R	nitrogen_dioxide	air	µg N /m3	0.17	99	0.14	99	0.74	99	0.56	99	0.60	99	0.83	88	0.87	99	0.67	99	0.91	99	0.76	98	0.57	98	0.56	99	0.62	98
ES0008R	nitrogen_dioxide	air	µg N /m3	1.02	96	1.01	99	1.14	99	1.07	98	0.83	98	0.97	94	0.84	97	0.93	99	1.51	99	1.82	99	1.49	98	1.30	92	1.16	97
ES0017R	nitrogen_dioxide	air	µg N /m3	0.98	99	0.50	99	0.89	99	0.79	99	0.81	99	0.88	99	0.87	99	0.63	99	0.75	100	0.66	97	0.26	96	0.29	99	0.70	99
GB0013R	nitrogen_dioxide	air	µg N /m3	1.11	93	0.67	96	1.36	100	1.22	77	1.07	100	0.82	100	0.63	100	0.49	81	1.51	62	1.19	100	2.16	100	0.99	99	1.10	92
GB0014R	nitrogen_dioxide	air	µg N /m3	3.07	100	2.49	96	1.91	100	1.17	100	1.00	87	0.28	45	0.54	49	0.65	92	0.82	100	1.95	100	2.98	100	1.49	100	1.64	89
GB0048R	nitrogen_dioxide	air	µg N /m3	0.68	93	0.76	90	0.61	91	0.91	90	0.76	78	2.01	92	-	0	-	0	-	0	-	0	-	0	-	0	-	
NL0009R	nitrogen_dioxide	air	µg N /m3	5.63	94	5.38	97	4.31	83	3.47	100	2.59	100	1.74	100	1.66	100	1.68	100	2.21	99	3.57	81	4.91	99	3.38	97	3.33	96
NL0091R	nitrogen_dioxide	air	µg N /m3	6.86	100	6.79	100	6.65	99	5.32	100	3.50	96	2.36	94	2.96	99	3.10	86	4.18	99	6.51	87	8.50	99	4.30	99	5.10	96
NO0002R	nitrogen_dioxide	air	µg N /m3	0.42	100	0.80	100	0.36	100	0.28	100	0.27	100	0.16	100	0.21	100	0.13	100	0.19	100	0.27	100	0.43	100	0.21	100	0.31	100
NO0039R	nitrogen_dioxide	air	µg N /m3	0.11	94	0.15	100	0.07	100	0.11	100	0.18	100	0.13	100	0.19	100	0.12	100	0.18	100	0.07	100	0.14	97	0.21	100	0.14	99
SE0014R	nitrogen_dioxide	air	µg N /m3	0.82	100	1.92	96	1.33	100	1.23	100	0.91	100	0.77	100	0.62	100	0.51	100	0.73	100	1.32	100	0.96	98	0.78	99	0.98	99
DE0001R	nitrate	pm25	µg N /m3	1.59	16	1.91	18	3.25	16	1.78	17	0.37	16	0.06	17	0.04	19	0.06	16	0.74	17	1.13	16	1.95	17	0.74	16	1.12	17
ES0005R	nitrate	pm10	µg N /m3	0.04	61	0.03	46	0.26	81	0.17	97	0.12	100	0.16	100	0.15	94	0.12	97	0.14	100	0.16	94	0.07	100	0.02	53	0.13	85
ES0008R	nitrate	pm25	µg N /m3	0.04	16	0.06	17	0.20	17	0.07	16	0.07	17	0.02	17	0.01	16	0.01	16	0.02	17	0.05	16	0.10	16	0.07	17	0.06	16
ES0008R	nitrate	pm10	µg N /m3	0.14	97	0.18	100	0.64	100	0.42	100	0.26	100	0.35	100	0.19	97	0.12	100	0.16	100	0.37	100	0.18	100	0.18	100	0.27	99
ES0017R	nitrate	pm10	µg N /m3	0.23	96	0.20	93	0.33	97	0.27	100	0.31	100	0.37	100	0.50	100	0.33	100	0.27	100	0.35	100	0.26	100	0.31	100	0.31	99
GB0048R	nitrate	pm10	µg N /m3	0.23	83	0.15	84	0.43	88	0.52	85	0.38	87	0.21	82	0.17	88	0.16	50	0.55	81	0.17	86	0.40	57	0.10	87	0.29	80
GB0048R	nitrate	pm25	µg N /m3	0.20	84	0.14	89	0.38	90	0.44	85	0.29	95	0.14	88	0.11	92	0.09	51	0.47	82	0.13	91	0.34	69	0.09	79	0.24	83
NL0091R	nitrate	pm10	µg N /m3	0.92	51	0.68	50	2.02	49	2.06	50	0.69	51	0.48	50	0.35	49	0.43	45	0.63	50	0.85	42	1.04	50	0.66	48	0.90	49
NO0002R	nitrate	aerosol	µg N /m3	0.35	100	0.53	100	0.70	77	0.09	100	0.11	100	0.12	100	0.15	100	0.29	100	0.22	100	0.31	100	0.36	90	0.28	100	0.28	97
NO0039R	nitrate	aerosol	µg N /m3	0.08	58	0.14	96	0.07	100	0.06	100	0.06	100	0.08	100	0.18	87	0.06	97	0.06	100	0.14	100	0.17	97	0.17	100	0.11	95
NO0042G	nitrate	aerosol	µg N /m3	0.07	71	0.03	89	0.11	100	0.06	100	0.04	100	0.10	100	0.12	40	-	0	-	0	0.04	54	0.39	98	0.20	80	0.12	69
PT0004R	nitrate	pm10	µg N /m3	-	0	0.32	7	1.51	10	1.27	10	0.18	3	0.16	3	0.90	10	0.56	13	0.25	2	0.25	1	0.13	7	-	0	0.74	5
GB0048R	nitric_acid	air	µg N /m3	0.01	84	0.01	88	0.02	90	0.04	85	0.05	95	0.05	88	0.04	92	0.02	51	0.04	81	0.02	91	0.02	69	0.02	88	0.03	84
NO0002R	nitric_acid	air	µg N /m3	0.13	100	0.09	100	0.09	97	0.06	100	0.07	100	0.06	100	0.09	100	0.13	100	0.15	100	0.13	100	0.10	90	0.05	100	0.09	99
NO0039R	nitric_acid	air	µg N /m3	0.05	58	0.07	96	0.07	100	0.02	100	0.04	100	0.04	100	0.14	87	0.05	97	0.03	100	0.09	100	0.07	97	0.02	100	0.06	95
NO0042G	nitric_acid	air	µg N /m3	0.03	71	0.03	89	0.06	100	0.04	100	0.02	100	0.02	100	0.05	40	-	0	-	0	0.03	57	0.08	98	0.03	83	0.04	70
DK0008R	sumNO3	air+aero	µg N /m3	0.54	90	1.54	100	1.27	97	0.63	83	0.49	90	0.37	87	0.46	100	0.42	94	0.45	100	0.83	90	0.74	93	0.38	90	0.68	93
ES0005R	sumNO3	air+aero	µg N /m3	0.22	100	0.25	96	0.50	100	0.31	100	0.31	97	0.38	97	0.33	91	0.26	83	0.36	97	0.22	87	0.14	100	0.14	100	0.28	96
ES0008R	sumNO3	air+aero	µg N /m3	0.35	97	0.37	100	1.03	100	0.82	100	0.51	100	0.81	100	0.55	97	0.34	100	0.72	100	0.58	100	0.29	100	0.32	100	0.56	99

Table A.2.3 : Cont.

				Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	matrix	Unit	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg

				Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	matrix	Unit	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg	capt	avg
ES0017R	sumNO3	air+aero	µg N /m3	0.48	83	0.38	96	0.53	100	0.56	100	0.49	100	0.61	100	0.67	100	0.50	100	0.40	100	0.51	97	0.37	97	0.56	100	0.51	98
GB0048R	sumNO3	air+pm10	µg N /m3	0.24		0.16		0.45		0.57		0.43		0.26		0.21		0.18		0.59		0.19		0.42		0.12		0.32	
NO0002R	sumNO3	air+aero	µg N /m3	0.47	100	0.62	100	0.81	74	0.14	100	0.18	100	0.19	100	0.25	100	0.42	100	0.37	100	0.44	100	0.46	90	0.33	100	0.38	97
NO0039R	sumNO3	air+aero	µg N /m3	0.12	58	0.22	96	0.14	100	0.08	100	0.10	100	0.12	100	0.45	97	0.11	97	0.09	100	0.23	100	0.24	97	0.19	100	0.18	95
NO0042G	sumNO3	air+aero	µg N /m3	0.09	71	0.06	89	0.17	100	0.10	100	0.06	100	0.12	100	0.17	40	-	0	-	0	0.07	54	0.48	98	0.23	80	0.16	69
SE0014R	sumNO3	air+aero	µg N /m3	0.31	100	1.09	100	0.92	97	0.51	100	0.37	84	0.32	100	0.29	100	0.30	97	0.22	100	0.53	100	0.54	97	0.30	97	0.47	98
BE0014R	ammonia	air	µg N /m3	1.43	100	1.88	100	3.65	100	4.46	100	2.42	100	0.99	100	1.52	100	1.74	100	1.63	100	2.29	100	2.41	11	0.71	96	2.07	92
DE0001R	ammonia	air	µg N /m3	0.65	100	1.95	100	2.72	100	4.86	100	6.58	100	2.04	100	3.07	100	1.51	100	1.85	100	1.36	100	1.84	100	0.61	94	2.43	100
DK0008R	ammonia	air	µg N /m3	0.02	90	0.17	100	0.56	97	0.49	83	0.21	87	0.18	87	0.30	97	0.29	87	0.11	100	0.10	90	0.11	97	0.04	81	0.22	91
ES0008R	ammonia	air	µg N /m3	1.16	87	1.23	30	1.09	77	1.19	86	0.39	87	0.91	84	1.00	86	1.05	87	1.03	83	0.63	87	0.82	87	0.44	78	0.89	80
GB0048R	ammonia	air	µg N /m3	0.81	90	0.77	88	1.07	90	1.12	86	0.87	95	0.92	88	1.02	92	0.81	51	1.62	80	0.65	91	1.40	68	0.58	88	0.96	84
NL0091R	ammonia	air	µg N /m3	1.01	94	1.63	95	4.21	95	2.53	94	1.97	95	1.13	95	2.06	95	1.58	77	1.38	95	1.74	71	2.63	94	0.63	92	1.89	91
NO0002R	ammonia	air	µg N /m3	0.18	100	0.13	100	0.25	100	0.36	100	0.24	100	0.26	100	0.35	100	0.41	100	0.36	100	0.36	100	0.23	90	0.17	100	0.28	99
NO0039R	ammonia	air	µg N /m3	0.21	58	0.22	96	0.41	100	0.33	100	0.62	97	0.47	100	0.89	87	0.42	97	0.43	100	0.51	100	0.40	97	0.35	100	0.44	94
NO0042G	ammonia	air	µg N /m3	0.30	71	0.24	75	0.34	100	0.23	100	0.26	100	0.12	100	0.19	40	-	0	-	0	0.21	57	0.14	98	0.11	83	0.21	68
DE0001R	ammonium	pm25	µg N /m3	1.50	16	1.54	18	2.50	16	1.77	17	0.61	16	0.33	17	0.55	19	0.20	16	1.38	17	1.60	16	2.27	17	0.96	16	1.25	17
DK0008R	ammonium	aerosol	µg N /m3	0.65	90	1.85	100	1.62	97	0.86	83	0.63	90	0.38	87	0.51	97	0.37	87	0.73	100	1.15	90	1.05	93	0.52	81	0.87	91
ES0008R	ammonium	pm25	µg N /m3	0.14	16	0.05	17	0.71	17	0.13	16	0.19	17	0.42	17	0.32	16	0.08	16	0.32	17	0.08	16	0.10	16	0.07	17	0.22	16
ES0008R	ammonium	pm10	µg N /m3	0.20	16	0.15	17	1.40	17	1.06	16	0.41	17	0.90	17	0.69	16	0.30	16	0.59	17	0.29	16	0.19	16	0.20	17	0.54	16
GB0048R	ammonium	pm10	µg N /m3	0.41	90	0.22	88	0.68	88	0.91	84	0.69	93	0.54	63	0.54	84	0.40	50	1.28	60	0.39	78	0.79	59	0.24	78	0.58	76
GB0048R	ammonium	pm25	µg N /m3	0.38	90	0.21	89	0.62	90	0.87	86	0.64	94	0.45	88	0.40	84	0.33	37	1.20	57	0.36	80	0.74	65	0.23	75	0.52	78
NL0091R	ammonium	pm10	µg N /m3	1.10	51	0.63	50	2.21	49	2.39	50	0.81	51	0.42	50	0.61	49	0.29	45	1.53	50	1.08	42	1.58	50	1.01	48	1.15	49
NO0002R	ammonium	aerosol	µg N /m3	0.36	100	0.43	90	0.83	76	0.14	100	0.22	100	0.14	100	0.32	100	0.27	100	0.41	100	0.40	100	0.46	90	0.26	100	0.34	96
NO0039R	ammonium	aerosol	µg N /m3	0.13	45	0.14	96	0.16	100	0.06	100	0.09	97	0.08	100	0.30	87	0.08	97	0.37	100	0.20	100	0.22	97	0.20	100	0.17	93
NO0042G	ammonium	aerosol	µg N /m3	0.05	71	0.03	89	0.16	100	0.11	100	0.04	100	0.10	100	0.15	40	-	0	-	0	0.03	57	0.25	98	0.20	80	0.11	69
PT0004R	ammonium	pm10	µg N /m3	-	0	0.31	7	1.32	10	1.32	10	0.31	3	0.31	3	0.52	10	0.31	13	0.31	2	0.31	1	0.31	7	-	0	0.64	5
DE0001R	sumNH_4	air+pm25	µg N /m3	2.15		3.49		5.22		6.63		7.19		2.37		3.62		1.71		3.23		2.96		4.11		1.57		3.68	
DK0008R	sumNH_4	air+aero	µg N /m3	0.67		2.02		2.19		1.35		0.83		0.56		0.81		0.65		0.84		1.25		1.15		0.56		1.08	
ES0005R	sumNH_4	air+aero	µg N /m3	0.50	60	0.67	96	1.53	100	1.11	100	1.25	94	1.19	97	1.05	100	1.04	100	1.20	94	1.08	96	0.93	100	1.06	97	1.07	94
ES0008R	sumNH_4	air+aero	µg N /m3	0.77	97	0.85	100	1.94	100	1.94	100	1.34	100	2.00	100	1.72	97	1.49	100	2.34	100	1.60	100	0.98	100	0.79	100	1.48	99
ES0017R	sumNH_4	air+aero	µg N /m3	0.97	99	0.80	100	1.73	100	1.78	90	1.37	100	1.92	100	1.81	100	1.44	100	1.47	97	1.52	97	1.27	97	1.33	100	1.45	98
GB0048R	sumNH_4	air+aero	µg N /m3	1.22		0.99		1.75		2.03		1.56		1.46		1.55		1.21		2.90		1.05		2.19		0.82		1.54	
NL0091R	sumNH_4	air+aero	µg N /m3	2.10		2.27		6.43		4.92		2.78		1.55		2.67		1.87		2.91		2.82		4.21		1.63		3.03	
NO0002R	sumNH_4	air+aero	µg N /m3	0.54	100	0.53	90	1.10	76	0.49	100	0.46	100	0.40	100	0.67	100	0.68	100	0.77	100	0.76	100	0.69	90	0.43	100	0.62	96
NO0039R	sumNH_4	air+aero	µg N /m3	0.36	45	0.36	96	0.57	100	0.39	100	0.71	97	0.55	100	1.27	97	0.50	97	0.80	100	0.70	100	0.62	97	0.55	100	0.63	94
NO0042G	sumNH_4	air+aero	µg N /m3	0.34	71	0.27	75	0.51	100	0.34	100	0.30	100	0.21	100	0.34	40	-	0	-	0	0.24	57	0.39	98	0.31	80	0.33	68
SE0014R	sumNH_4	air+aero	µg N /m3	0.43	100	1.42	100	1.56	97	0.99	100	0.57	84	0.47	100	0.77	97	0.45	100	0.64	97	0.83	100	0.89	97	0.40	97	0.78	97

Table A.2.4 : Concentrations of heavy metals in precipitation

			Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
BE0014R	arsenic	µg/L	0.0592	100	-0.024	100	0.0754	100	-0.0352	100	0.062	100	0.0401	100	0.0656	100	0.071	100	0.0711	100	0.043	100	0.0882	100	0.0834	100	0.05	100
DE0001R	arsenic	µg/L	0.1057	100	0.087	100	0.1557	100	0.1243	100	0.0925	100	0.0857	100	0.1392	100	0.0716	100	0.1175	100	0.1037	100	0.1537	100	0.2076	100	0.12	100
DK0008R	arsenic	µg/L	0.1649	100	0.3199	100	0.5586	100	0.1905	100	0.1317	100	0.2229	100	0.0981	100	0.1833	100	0.2435	100	0.115	100	0.1863	100	0.158	100	0.18	100
DK0022R	arsenic	µg/L	0.1486	100	0.1191	100	0.1303	100	0.207	100	0.2068	100	0.1769	100	0.106	100	0.0568	100	0.1981	100	0.128	100	0.029	100	0.029	100	0.13	100
DK0031R	arsenic	µg/L	0.0619	100	0.0971	100	0.1083	100	0.2482	100	0.126	100	0.2409	100	0.0818	100	0.0467	100	0.2174	100	0.064	100	0.1031	100	0.068	100	0.10	100
ES0008R	arsenic	µg/L	0.0521	100	0.0819	100	0.0925	100	0.0829	100	0.0771	100	0.0928	100	0.0839	100	0.0895	100	0.0494	100	0.0399	100	0.0526	100	0.0702	100	0.07	100
GB0036R	arsenic	µg/L	0.0674	100	0.0962	100	0.1379	100	0.1751	100	0.0753	100	0.1251	99	0.1329	100	0.0759	100	0.148	99	0.0639	100	0.0662	100	0.066	100	0.09	100
GB0048R	arsenic	µg/L	0.0642	100	0.0577	100	0.1094	100	0.1679	94	0.068	100	0.0572	99	0.0868	100	0.0668	100	0.1981	97	0.0534	100	0.0438	100	0.0742	100	0.08	100
IE0001R	arsenic	µg/L	-0.1043	100	-0.2482	100	-0.1687	100	-0.0853	100	0.1226	100	0.1172	100	4.9252	100	0.3368	100	0.2027	100	0.1525	100	0.0927	100	0.1232	100	0.23	100
IS0090R	arsenic	µg/L	0.09	100	0.09	100	0.0454	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.05	100
IS0091R	arsenic	µg/L	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.045	100	0.05	100
NL0091R	arsenic	µg/L	0.08	100	0.08	100	0.08	100	0.09	100	0.12	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100	0.08	100
NO0001R	arsenic	µg/L	0.12	100	0.13	100	0.18	100	0.15	100	0.06	100	0.07	100	0.05	95	0.05	100	0.12	100	0.05	100	0.12	100	0.05	100	0.10	100
PT0004R	arsenic	µg/L	-	0	0.2	100	0.2	100	0.2	82	0.2	95	0.2	74	0.2	29	-	-	0.2	57	0.2	100	0.2	100	0.2	100	0.200	92
PT0006R	arsenic	µg/L	-	0	0.2	100	0.2	100	0.2	100	0.2	100	0.2	100	0.2	34	-	-	0.2	72	0.2	100	0.2	100	0.2	100	0.200	96
SE0014R	arsenic	µg/L	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100	0.075	100
BE0014R	cadmium	µg/L	0.0118	100	0.0014	100	-0.0034	100	0.0616	100	0.034	100	0.0706	100	0.0374	100	0.0355	100	0.0376	100	0.0439	100	0.0464	100	0.0527	100	0.034	100
DE0001R	cadmium	µg/L	0.0196	100	0.0206	100	0.0169	100	0.0224	100	0.014	100	0.0196	100	0.0237	100	0.0152	100	0.0364	100	0.0188	100	0.0444	100	0.0116	100	0.019	100
DK0008R	cadmium	µg/L	0.0134	100	0.0493	100	0.1042	100	0.033	100	0.0708	100	0.0261	100	0.0073	100	0.0151	100	0.0424	100	0.021	100	0.0303	100	0.002	100	0.025	100
DK0022R	cadmium	µg/L	0.0319	100	0.0231	100	0.034	100	0.064	100	0.0331	100	0.0461	100	0.0202	100	0.0295	100	0.0634	100	0.026	100	0.013	100	0.013	100	0.031	100
DK0031R	cadmium	µg/L	0.0172	100	0.024	100	0.0258	100	0.0836	100	0.0389	100	0.0256	100	0.0166	100	0.0126	100	0.0498	100	0.018	100	0.0248	100	0.018	100	0.026	100
ES0008R	cadmium	µg/L	0.0469	100	0.0244	100	0.0468	100	0.0735	100	0.1966	100	0.0674	100	0.0612	100	0.0727	100	0.0457	100	0.0275	100	0.0257	100	0.0397	100	0.053	100
FR0090R	cadmium	µg/L	0.0021	100	0.001	100	0.0116	100	0.01	100	0.0011	100	0.0117	100	0.0474	100	0.046	100	0.0218	100	0.023	100	0.0072	100	0.0458	100	0.014	100
GB0036R	cadmium	µg/L	0.007	100	0.0068	100	0.037	100	0.0596	100	0.0161	100	0.0288	99	0.0268	100	0.0159	100	0.0421	99	0.009	100	0.0096	100	0.0083	100	0.017	100
GB0048R	cadmium	µg/L	0.0042	100	0.0045	100	0.0189	100	0.0459	94	0.0096	100	0.0145	99	0.0161	100	0.0088	100	0.0381	97	0.0038	100	0.003	100	0.0034	100	0.010	100
IE0001R	cadmium	µg/L	0.0292	100	0.0497	100	0.0229	100	0.02	100	0.1647	100	0.4073	100	0.1988	100	0.0219	100	0.0215	100	0.0602	100	0.0185	100	0.01	100	0.062	100
IS0090R	cadmium	µg/L	0.012	100	0.0097	100	0.0031	100	0.012	100	0.012	100	0.0169	100	0.005	100	0.052	100	0.0242	100	0.183	100	0.0896	100	0.018	100	0.044	100
IS0091R	cadmium	µg/L	0.006	100	0.004	100	0.015	100	0.018	100	0.035	100	0.009	100	0.014	100	0.006	100	0.026	100	0.121	100	0.016	100	0.01	100	0.021	100
NL0091R	cadmium	µg/L	0.017	100	0.017	100	0.0177	100	0.0206	100	0.0218	100	0.024	100	0.0204	100	0.017	100	0.0443	100	0.0209	100	0.0194	100	0.017	100	0.019	100
NO0001R	cadmium	µg/L	0.0278	100	0.0367	100	0.0514	100	0.0189	100	0.0135	100	0.0111	100	0.0126	95	0.0098	100	0.0433	100	0.0156	100	0.0279	100	0.015	100	0.025	100
NO0039R	cadmium	µg/L	0.005	100	0.0147	100	0.0047	100	0.0093	100	0.0114	99	0.0025	100	0.0031	100	0.0144	100	0.0277	100	0.0356	100	0.0088	100	0.0178	100	0.014	100
PT0004R	cadmium	µg/L	-	0	0.05	100	0.05	100	0.05	82	0.05	95	0.05	74	0.05	29	-	-	0.05	57	0.05	100	0.05	100	0.05	100	0.050	92
PT0006R	cadmium	µg/L	-	0	0.05	100	0.05	100	0.05	100	0.05	100	0.05	100	0.05	34	-	-	0.05	72	0.05	100	0.05	100	0.05	100	0.050	96
SE0014R	cadmium	µg/L	0.0208	100	0.0302	100	0.0514	100	0.02	100	0.02	100	0.3114	100	0.0205	100	0.0282	100	0.023	100	0.0596	100	0.03	100	0.0201	100	0.057	100
BE0014R	chromium	µg/L	0.1346	100	0.0849	100	0.0422	100	0.1444	100	0.254	100	0.191	100	0.1606	100	0.1519	100	0.4843	100	0.1797	100	0.2017	100	0.1865	100	0.16	100
DE0001R	chromium	µg/L	0.3301	100	0.3281	100	0.3457	100	0.1354	100	0.1459	100	0.1035	100	0.1054	100	0.0663	100	0.1434	100	0.0947	100	0.1686	100	0.0607	100	0.13	100
DK0008R	chromium	µg/L	0.1195	100	0.1622	100	0.2965	100	0.1794	100	0.1148	100	0.1046	100	0.0334	100	0.0449	100	0.2279	100	0.064	100	0.1084	100	0.123	100	0.10	100
DK0022R	chromium	µg/L	0.0663	100	0.0906	100	0.2607	100	0.2419	100	0.0842	100	0.1077	100	0.1156	100	0.0496	100	0.1758	100	0.101	100	0.069	100	0.069	100	0.10	100
DK0031R	chromium	µg/L	0.0419	100	0.0786	100	0.14	100	0.2069	100	0.2035	100	0.2583	100	0.1085	100	0.0685	100	0.1598	100	0.073	100	0.1732	100	0.06	100	0.11	100
ES0008R	chromium	µg/L	0.3609	100	0.5449	100	0.607	100	0.4446	100	0.4595	100	0.5651	100	0.7842	100	2.7679	100	0.5516	100	0.5474	100	0.9718	100	0.5196	100	0.66	100
FR0090R	chromium	µg/L	0.0164	100	0.0111	100	0.24	100	0.0298	100	0.0191	100	0.3731	100	0.0916	100	0.0502	100	0.0715	100	0.04	100	0.0212	100	0.0452	100	0.06	100
GB0036R	chromium	µg/L	0.1118	100	0.101	100	0.1431	100	0.1616	100	0.0444	100	0.1532	99	0.2726	100	0.0953	100	0.1487	99	0.0589	100	0.0276	100	0.0441	100	0.09	100
GB0048R	chromium	µg/L	0.1052	100	0.077	100	0.1344	100	0.1714	94	0.024	100	0.1031	99	0.2919	100	0.0688	100	0.1566	97	0.081	100	0.0371	100	0.0634	100	0.09	100
IE0001R	chromium	µg/L	0.7228	100	0.8191	100	0.4676	100	0.57	100	0.744	100	0.4869	100	2.2453	100	0.3397	100	2.3178	100	0.6219	100	0.2552	100	0.2807	100	0.68	100
IS0090R	chromium	µg/L	0.304	100	0.793	100	0.1411	100	0.249	100	0.248	100	0.3723	100	0.192	100	0.295	100	0.1748	100	0.222	100	0.9746	100	0.442	100	0.36	100
IS0091R	chromium	µg/L	0.263	100	0.14	100	1.055	100	0.69	100	0.147	100	0.196	100	0.124	100	0.211	100	0.045	100	0.275	100	0.209	100	0.135	100	0.37	100
NL0091R	chromium	µg/L	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.266	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100	0.26	100

Table A.2.4 : Cont.

			Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
NO0001R	chromium	µg/L	0.045	100	0.0716	100	0.1272	100	0.1914	100	0.0746	100	0.0663	100	0.0595	95	0.0454	100	0.0466	100	0.0475	100	0.0713	100	0.0577	100	0.06	100
PT0004R	chromium	µg/L	-	0	0.2	100	0.2	100	0.2	82	0.2	95	0.2	74	0.2	29	-	-	0.2	57	0.2583	100	0.2524	100	0.2	100	0.23	92
PT0006R	chromium	µg/L	-	0	0.2607	100	0.2	100	0.2736	100	0.2008	100	0.2	100	0.2	34	-	-	0.2	72	0.2	100	0.2	100	0.2	100	0.22	96
SE0014R	chromium	µg/L	0.0359	100	0.2393	100	0.1664	100	0.3	100	0.0365	100	0.077	100	0.0311	100	0.0464	100	0.03	100	0.0303	100	0.05	100	0.0301	100	0.07	100
BE0014R	copper	µg/L	0.2474	100	-0.2086	100	29.0405	100	7.6961	100	20.3219	100	60.2483	100	26.3956	100	3.2288	100	25.0732	100	7.8807	100	4.7489	100	13.023	100	12.21	100
DE0001R	copper	µg/L	1.1754	100	0.5003	100	0.8396	100	0.881	100	0.8055	100	1.2856	100	1.7391	100	1.1653	100	0.9001	100	1.0614	100	1.4052	100	0.5329	100	1.02	100
DK0008R	copper	µg/L	0.732	100	0.9073	100	1.8816	100	0.9955	100	0.7469	100	1.1413	100	0.3426	100	0.5286	100	1.0621	100	0.413	100	0.461	100	0.459	100	0.66	100
DK0022R	copper	µg/L	1.0545	100	0.6318	100	1.1584	100	1.2982	100	1.2581	100	3.3555	100	0.7768	100	0.77	100	0.9891	100	0.69	100	0.122	100	0.122	100	0.95	100
DK0031R	copper	µg/L	0.5607	100	0.5107	100	0.7171	100	1.6017	100	1.019	100	1.3631	100	0.6342	100	0.5801	100	0.7066	100	0.419	100	0.4496	100	0.267	100	0.62	100
ES0008R	copper	µg/L	6.9424	100	4.8114	100	7.7105	100	7.3107	100	10.8454	100	8.975	100	13.4574	100	13.1458	100	5.8026	100	6.8238	100	4.7971	100	8.2529	100	7.43	100
FR0090R	copper	µg/L	0.2477	100	0.1514	100	0.6912	100	0.485	100	0.0834	100	1.0042	100	1.0792	100	0.6328	100	0.7287	100	0.3006	100	0.2208	100	0.3945	100	0.36	100
GB0036R	copper	µg/L	0.2404	100	0.3062	100	1.9872	100	1.247	100	0.9042	100	1.5906	99	3.6352	100	0.6146	100	1.8376	99	0.4055	100	0.5279	100	0.3762	100	0.76	100
GB0048R	copper	µg/L	0.2397	100	0.1728	100	0.3805	100	1.108	94	0.375	100	0.4483	99	0.7564	100	0.3776	100	0.9667	97	0.1516	100	0.2871	100	0.1247	100	0.35	100
IE0001R	copper	µg/L	21.1756	100	40.9283	100	16.4293	100	27.3492	100	37.2723	100	74.9968	100	180.8504	100	36.6967	100	44.2821	100	35.3715	100	88.3702	100	32.3725	100	46.45	100
IS0090R	copper	µg/L	3.12	100	3.3521	100	1.6755	100	3.18	100	3.2493	100	2.2617	100	1.24	100	1.49	100	1.3942	100	2.27	100	2.7558	100	1.13	100	2.02	100
IS0091R	copper	µg/L	1.62	100	0.53	100	1.11	100	1.01	100	1.43	100	1.28	100	1.01	100	0.88	100	1.93	100	1.56	100	0.9	100	1.02	100	1.21	100
NL0091R	copper	µg/L	1.4013	100	0.8504	100	0.4385	100	1.1571	100	1.262	53	1.3788	100	0.5925	100	0.3597	100	1.5792	100	1.2904	100	0.8174	100	0.4651	100	0.81	96
NO0001R	copper	µg/L	1.4219	100	0.731	100	1.6356	100	1.2388	100	3.9592	100	1.1506	100	1.5839	95	0.4777	100	5.1303	100	0.3682	100	1.4039	100	2.0132	100	1.35	100
PT0004R	copper	µg/L	-	0	0.6359	100	0.5208	100	0.6971	82	0.66	95	1.6	74	1.6	29	-	-	0.5	57	0.5	100	0.5	100	1.0333	100	0.60	92
PT0006R	copper	µg/L	-	0	0.8689	100	2.4777	100	0.7693	100	1.0552	100	0.5	100	0.5	34	-	-	1.2	72	0.6108	100	0.5956	100	0.7572	100	0.88	96
SE0014R	copper	µg/L	0.4037	100	0.5313	100	0.67	100	0.45	100	0.3427	100	4.063	100	0.3437	100	0.4118	100	0.4552	100	0.8839	100	0.41	100	0.2012	100	0.82	100
BE0014R	lead	µg/L	0.3759	100	1.1456	100	1.344	100	1.4451	100	1.2371	100	1.6801	100	1.295	100	2.9666	100	1.1977	100	0.8337	100	1.2787	100	1.1932	100	1.50	100
DE0001R	lead	µg/L	0.5886	100	0.2768	100	0.8305	100	0.729	100	0.5126	100	0.8255	100	0.9019	100	0.2313	100	0.7597	100	0.6079	100	1.0842	100	0.3662	100	0.54	100
DK0008R	lead	µg/L	0.4567	100	0.9366	100	2.5449	100	0.9766	100	0.6881	100	0.9525	100	0.3445	100	0.5278	100	1.3327	100	0.449	100	0.6769	100	0.633	100	0.69	100
DK0022R	lead	µg/L	1.6897	100	1.0812	100	1.542	100	1.6916	100	1.4322	100	1.1845	100	0.6525	100	0.3021	100	1.2378	100	0.778	100	0.121	100	0.121	100	1.00	100
DK0031R	lead	µg/L	0.5843	100	0.7895	100	0.798	100	2.6828	100	1.1716	100	1.2143	100	0.5903	100	0.3967	100	1.3119	100	0.4	100	0.598	100	0.435	100	0.76	100
ES0008R	lead	µg/L	0.3904	100	1.0731	100	1.0334	100	0.7737	100	1.6585	100	1.4119	100	1.1731	100	1.9313	100	1.0473	100	0.8095	100	0.5727	100	0.801	100	0.95	100
FR0090R	lead	µg/L	0.0928	100	0.0407	100	0.5329	100	0.1782	100	0.1006	100	3.9233	100	0.6138	100	0.232	100	0.8671	100	0.4307	100	0.1528	100	1.6622	100	0.44	100
GB0036R	lead	µg/L	0.3518	100	0.2115	100	2.2439	100	1.7472	100	0.9543	100	1.7267	99	2.0552	100	0.9805	100	2.0815	99	0.4384	100	0.6169	100	0.3594	100	0.84	100
GB0048R	lead	µg/L	0.0833	100	0.1116	100	0.5459	100	1.2748	94	0.3442	100	0.3404	99	0.6263	100	0.2734	100	1.7093	97	0.1554	100	0.2698	100	0.0825	100	0.33	100
IE0001R	lead	µg/L	2.5991	100	5.2858	100	2.826	100	1.8788	100	1.6756	100	3.7879	100	4.0385	100	7.8274	100	4.1304	100	6.1236	100	4.6225	100	1.4591	100	3.85	100
IS0090R	lead	µg/L	0.217	100	0.2371	100	0.1151	100	0.236	100	0.239	100	0.2419	100	0.108	100	0.47	100	0.1468	100	0.219	100	0.2485	100	0.128	100	0.21	100
IS0091R	lead	µg/L	0.19	100	0.106	100	0.638	100	0.505	100	0.218	100	0.139	100	0.086	100	0.135	100	0.214	100	0.329	100	0.648	100	0.247	100	0.32	100
NL0091R	lead	µg/L	0.5963	100	0.4236	100	0.2859	100	0.8205	100	0.5395	100	0.911	100	0.5004	100	0.2651	100	1.1284	100	0.5788	100	0.4088	100	0.2545	100	0.46	100
NO0001R	lead	µg/L	1.277	100	1.3404	100	2.0684	100	0.6044	100	7.377	100	1.1392	100	0.8687	95	0.2858	100	1.0576	100	0.3463	100	1.0108	100	0.3199	100	1.12	100
NO0039R	lead	µg/L	0.101	100	0.4987	100	0.3112	100	0.3941	100	0.314	99	0.1334	100	0.2047	100	0.2136	100	0.7555	100	0.1614	100	0.127	100	0.3426	100	0.31	100
PT0004R	lead	µg/L	-	0	0.2	100	0.2	100	0.2222	82	0.28	95	0.22	74	0.22	29	-	-	0.2	57	0.2874	100	0.2804	100	0.9911	100	0.33	92
PT0006R	lead	µg/L	-	0	0.2	100	0.2	100	0.2	100	0.2	100	0.2	100	0.2	34	-	-	0.3376	72	0.2028	100	0.2224	100	0.2785	100	0.23	96
SE0014R	lead	µg/L	0.6057	100	0.7215	100	0.8022	100	0.26	100	0.4454	100	0.598	100	0.3727	100	0.3853	100	0.251	100	0.513	100	0.75	100	0.4119	100	0.49	100
BE0014R	mercury	ng/L	3.8477	100	5.5073	100	5.742	100	10.2697	100	4.6985	100	3.5289	100	4.9626	100	3.3892	100	3.0109	100	2.7695	100	3.8131	100	4.7044	100	4.58	100
DE0001R	mercury	ng/L	6.2458	100	5.2093	100	5.2492	100	9.5048	100	8.5453	100	7.4772	100	7.9106	100	4.3728	100	5.3475	100	5.7504	100	8.3494	100	2.5083	100	5.59	100
ES0008R	mercury	ng/L	5.477	100	11.9947	100	9.3179	100	13.3073	100	13.7815	100	23.1201	95	8.3829	100	9.1259	97	18.7674	100	5.8856	100	5.7477	100	7.948	100	10.47	100
GB0036R	mercury	ng/L	3.4	100	3.4	100	3.6663	100	8.8308	100	6.4302	100	11.2061	100	14.5248	100	5.4	100	4.4199	100	4.6107	100	5.1635	100	4.2969	100	5.71	100
GB0048R	mercury	ng/L	3.5677	100	2.711	100	4.2	100	3.6606	100	3.0014	100	9.7675	100	5.9669	100	3.2565	100	2.5989	100	2.7814	100	2.9352	100	2.0124	100	3.67	100
IE0001R	mercury	ng/L	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.5	100	12.50	100
NL0091R	mercury	ng/L	12.2046	100	10.3517	100	4	100	13.827	100	9.2993	100	12.8281	100	12.7679	100	8.79	100	7.5968	100	9.6192	100	7.1174	100	4.7223	100	9.68	100

Table A.2.4 : Cont.

			Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt

			Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
NO0001R	mercury	ng/L	4.0028	100	4.1529	100	4.6248	100	4.2	100	9.8	100	6.9	100	7.4	100	5.3742	100	12.616	100	3.2542	100	2.2875	100	3.6139	100	4.80	100
PT0004R	mercury	ng/L	-	0	10	99	10	94	10	82	10	95	16	74	16	29	-	-	10	57	10	100	10	100	10	100	10.11	92
PT0006R	mercury	ng/L	-	0	10.9767	100	10	100	10	100	10.8785	100	22	100	22	34	-	-	10	72	10	100	10	100	10	100	10.68	96
SE0014R	mercury	ng/L	5.4947	100	13.1491	100	21.0136	100	26.5	100	14.0478	100	13.0039	100	12.4263	100	8.9269	100	4.3414	100	7.2115	100	8.1	100	5.915	100	9.91	100
BE0014R	nickel	ng/L	0.1645	100	0.2146	100	0.2654	100	0.4334	100	0.3683	100	0.4788	100	0.4669	100	0.2668	100	0.7644	100	0.3836	100	0.2776	100	0.0467	100	0.30	100
DE0001R	nickel	ng/L	1.0905	100	0.7663	100	0.5157	100	0.8173	100	0.6819	100	0.3495	100	0.387	100	0.2926	100	0.4864	100	0.4267	100	0.5199	100	0.1507	100	0.45	100
DK0008R	nickel	ng/L	0.0945	100	0.2162	100	0.4759	100	0.2433	100	0.2577	100	0.3437	100	0.11	100	0.1378	100	0.312	100	0.149	100	0.1885	100	0.168	100	0.19	100
DK0022R	nickel	ng/L	0.1543	100	0.1723	100	0.3144	100	0.423	100	0.3442	100	0.3499	100	0.1427	100	0.0835	100	0.2784	100	0.142	100	0.092	100	0.092	100	0.19	100
DK0031R	nickel	ng/L	0.1155	100	0.1725	100	0.2389	100	0.5326	100	0.4248	100	0.3869	100	0.2266	100	0.1761	100	0.2437	100	0.181	100	0.1498	100	0.183	100	0.22	100
ES0008R	nickel	ng/L	0.5443	100	0.52	100	0.52	100	0.5402	100	0.959	100	0.6705	100	0.7342	100	1.0167	100	0.5905	100	0.709	100	0.52	100	0.52	100	0.60	100
FR0090R	nickel	ng/L	0.1196	100	0.12	100	0.2553	100	0.2991	100	0.1314	100	0.9083	100	0.3787	100	0.2408	100	0.3746	100	0.3001	100	0.1614	100	0.4799	100	0.23	100
IE0001R	nickel	ng/L	0.3031	100	0.3791	100	0.3077	100	0.4586	100	0.3832	100	0.3362	100	0.4756	100	0.2081	100	0.3194	100	0.2343	100	1.1319	100	0.2133	100	0.42	100
IS0090R	nickel	ng/L	1.068	100	1.3798	100	0.5542	100	0.807	100	0.8416	100	0.8968	100	0.341	100	0.409	100	0.5427	100	0.38	100	4.6592	100	1.078	100	1.18	100
IS0091R	nickel	ng/L	0.466	100	0.211	100	1.719	100	2.603	100	0.239	100	0.492	100	0.339	100	0.506	100	0.303	100	0.674	100	0.278	100	0.149	100	0.83	100
NL0091R	nickel	ng/L	0.205	100	0.205	100	0.2265	100	0.282	100	0.2689	100	0.3305	100	0.2199	100	0.205	100	0.2238	100	0.2167	100	0.2516	100	0.205	100	0.23	100
NO0001R	nickel	ng/L	0.1632	100	0.2003	100	0.3563	100	0.2485	100	0.2055	100	0.1613	100	0.1709	95	0.121	100	0.1683	100	0.1049	100	0.161	100	0.1138	100	0.16	100
PT0004R	nickel	ng/L	-	0	0.3849	100	0.2914	100	0.2812	82	0.33	95	1.2	74	1.2	29	-	-	3	57	0.776	100	0.2075	100	0.2	100	0.59	92
PT0006R	nickel	ng/L	-	0	0.5227	100	2.6367	100	0.4992	100	0.2377	100	0.2	100	0.2	34	-	-	0.4241	72	0.2251	100	1.1593	100	0.2169	100	0.71	96
SE0014R	nickel	ng/L	0.1667	100	0.1108	100	0.215	100	0.16	100	0.1307	100	0.3274	100	0.1343	100	0.1899	100	0.1022	100	0.13	100	0.13	100	0.0803	100	0.15	100
BE0014R	zinc	ng/L	3.2051	100	5.4669	100	6.6135	100	8.6509	100	6.7592	100	8.2191	100	7.6851	100	3.9461	100	10.9039	100	8.6236	100	6.4804	100	8.7011	100	6.30	100
ES0008R	zinc	ng/L	21.1645	100	16.4674	100	35.8938	100	28.0104	100	72.1908	100	56.5467	100	51.8897	100	48.0318	100	32.04	100	13.909	100	24.834	100	81.5466	100	40.04	100
FR0090R	zinc	ng/L	1.4989	100	2.0914	100	2.5832	100	5.0462	100	2.5221	100	11.5475	100	10.6186	100	15.0722	100	12.0492	100	10.901	100	6.0493	100	8.2296	100	5.62	100
GB0036R	zinc	ng/L	2.2181	100	2.2951	100	10.2482	100	9.7664	100	4.8537	100	9.8525	99	9.7587	100	5.5569	100	11.7691	99	4.2334	100	3.9324	100	5.6982	100	5.21	100
GB0048R	zinc	ng/L	3.0905	100	2.2312	100	4.77	100	8.1996	94	3.9861	100	7.1703	99	13.3542	100	5.5415	100	15.5888	97	2.5808	100	5.6542	100	2.0663	100	4.78	100
IE0001R	zinc	ng/L	60.4418	100	58.0312	100	40.8037	100	39.8939	100	62.5241	100	101.2484	100	77.1809	100	70.3674	100	26.4809	100	52.7905	100	31.1026	100	59.9515	100	55.17	100
IS0090R	zinc	ng/L	7.28	100	7.8758	100	3.4113	100	7.06	100	7.1887	100	12.1609	100	3.92	100	12.13	100	3.2336	100	5.89	100	10.0053	100	7.09	100	7.11	100
IS0091R	zinc	ng/L	12.91	100	3.88	100	11.13	100	9.18	100	5.66	100	11.33	100	7.21	100	15.88	100	24.38	100	9.02	100	67.65	100	25.83	100	16.52	100
NL0091R	zinc	ng/L	2.306	100	3.0875	100	2.8197	100	3.34	100	3.5066	100	3.657	100	3.3111	100	1.96	100	5.4051	100	3.7125	100	2.5143	100	1.96	100	2.75	100
NO0001R	zinc	ng/L	6.6863	100	7.5962	100	11.1965	100	8.576	100	6.4894	100	3.569	100	4.6931	95	1.7958	100	5.6287	100	1.7588	100	3.68	100	3.9997	100	4.98	100
NO0039R	zinc	ng/L	0.937	100	14.5449	100	1.9115	100	2.0474	100	3.7104	99	1.3338	100	4.4313	100	5.3892	100	2.9416	100	2.7519	100	3.6129	100	2.3943	100	2.89	100
PT0004R	zinc	ng/L	-	0	2.3369	100	7.3287	100	7.9682	82	3.1	95	4.9	74	4.9	29	-	-	2.2	57	10.7161	100	7.56	100	1.2569	100	6.77	92
PT0006R	zinc	ng/L	-	0	1.6183	100	2.8954	100	2.4207	100	4.0404	100	4.6	100	4.6	34	-	-	7.567	72	4.5121	100	3.0862	100	3.8746	100	3.49	96
SE0014R	zinc	ng/L	2.7087	100	5.3095	100	5.9751	100	2.95	100	3.0964	100	14.2474	100	1.8485	100	3.3163	100	2.2849	100	4.6794	100	3.85	100	2.0802	100	4.35	100
BE0014R	Amount	mm'	72	100	92	100	28	100	32	100	51	100	38	100	86	100	150	100	12	100	57	100	52	100	66	100	735	100
BE0014R	Amount_Hg	mm'	52	77	100	100	30	55	36	77	57	62	41	69	68	77	94	77	11	33	64	100	56	100	69	100	676	77
DE0001R	Amount_Hg	mm'	61	100	49	100	28	100	39	100	44	100	51	100	78	100	184	100	56	100	107	100	23	100	135	94	854	100
DE0001R	Amount	mm'	60	100	50	100	29	100	38	100	41	100	50	100	78	100	186	100	54	100	106	100	22	100	131	94	845	100
DK0008R	Amount	mm'	43	99	22	100	22	100	35	100	38	100	44	100	89	100	132	100	26	100	76	98	50	99	52	98	627	99
DK0022R	Amount	mm'	125	99	72	100	29	100	37	100	97	100	38	100	112	100	98	100	53	100	149	98	1	2	62	98	873	92
DK0031R	Amount	mm'	87	99	85	100	35	100	43	100	56	100	19	100	44	100	149	100	98	100	146	98	87	99	89	98	938	99
ES0008R	Amount_Hg	mm'	114	87	87	86	61	65	50	86	60	87	38	64	36	67	39	87	134	63	53	56	107	79	133	78	911	75
ES0008R	Amount	mm'	121	87	117	86	98	65	54	86	64	87	41	64	38	67	41	87	121	63	55	56	113	79	162	78	1025	75

Table A.2.4 : Cont.

			Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2014

Site	Comp	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
FR0090R	Amount	mm'	179	100	168	100	75	100	46	100	74	100	37	100	33	100	72	100	9	100	93	100	127	100	58	100	971	100
GB0036R	Amount	mm'	84	56	143	100	46	100	66	100	92	100	40	100	16	77	67	100	15	100	102	100	103	100	49	100	823	94
GB0036R	Amount_Hg	mm'	18	11	141	100	82	100	67	100	80	100	59	100	29	100	38	100	56	100	79	100	75	100	70	100	796	92
GB0048R	Amount	mm'	87	100	87	100	80	100	47	100	77	100	59	100	46	100	104	100	20	100	127	100	52	100	115	100	899	100
GB0048R	Amount_Hg	mm'	94	100	87	100	77	100	5	7	80	100	56	100	51	100	74	100	61	100	88	100	69	100	79	100	820	92
IE0001R	Amount	mm'	297	100	278	100	142	100	89	100	113	100	58	100	82	100	72	100	29	100	189	100	199	100	147	100	1694	100
IS0090R	Amount	mm'	54	100	15	100	104	100	28	100	92	100	141	97	130	100	109	100	210	100	122	100	167	100	94	94	1267	99
IS0091R	Amount	mm'	45	39	62	57	236	100	148	67	76	65	57	100	152	100	83	100	187	100	68	61	68	47	158	94	1340	78
NL0091R	Amount	mm'	81	74	63	86	26	84	36	87	71	87	37	83	79	87	161	84	11	87	37	87	53	83	87	77	743	84
NL0091R	Amount_Hg	mm'	75	100	57	93	19	23	33	70	69	68	38	63	86	100	100	100	15	53	40	100	42	77	78	100	653	79
NO0001R	Amount_Hg	mm'	408	100	341	100	92	100	44	100	79	100	66	100	62	100	283	100	154	100	430	100	275	97	99	100	2331	100
NO0001R	Amount	mm'	350	100	372	100	109	100	58	100	75	100	56	100	60	100	275	100	136	100	388	100	234	100	134	100	2245	100
NO0039R	Amount	mm'	8	100	10	100	98	100	101	100	50	100	187	100	57	97	126	100	113	100	78	100	28	100	172	100	1028	100
PT0004R	Amount	mm'	0	0	43	73	35	100	47	100	10	100	11	100	4	100	0	100	60	100	119	100	158	100	47	76	533	87
PT0006R	Amount	mm'	0	0	186	88	54	100	74	100	33	100	28	100	7	100	0	100	115	100	116	100	199	100	75	75	885	88
SE0014R	Amount	mm'	51	96	55	100	16	100	28	100	47	100	65	100	74	100	37	100	74	100	97	100	49	100	72	100	665	100
SE0014R	Amount	mm'	54	100	55	100	16	100	28	100	47	100	65	100	74	100	37	100	74	100	97	100	49	100	72	100	668	100
SE0014R	Amount_Hg	mm'	49	100	39	100	13	100	18	100	39	100	78	100	96	100	53	100	89	100	74	100	38	100	46	100	632	100

Table A.2.5 : Concentrations of heavy metals in air, 2014

				Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	
Site	Comp	matrix	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
BE0014R	arsenic	pm10	ng/m3	0.29	97	0.17	96	0.96	100	0.66	100	0.42	100	0.42	100	0.46	90	0.33	100	0.85	100	0.49	100	0.90	100	0.57	90	0.55	98
DE0001R	arsenic	pm10	ng/m3	0.69	100	0.58	100	0.47	100	0.43	100	0.26	100	0.30	100	0.24	100	0.16	100	0.41	100	0.47	100	0.71	100	0.28	93	0.42	99
DK0008R	arsenic	aerosol	ng/m3	0.78	96	1.03	100	0.43	100	0.40	83	0.28	94	0.19	87	0.20	97	0.17	90	0.26	97	0.27	90	1.34	93	2.14	81	0.61	92
ES0008R	arsenic	pm10	ng/m3	0.14	16	0.16	17	0.32	17	0.16	16	0.14	17	0.17	17	0.16	16	0.05	16	0.19	17	0.34	16	0.21	16	0.12	17	0.18	16
GB0036R	arsenic	aerosol	ng/m3	0.47	95	0.51	100	0.67	100	0.49	100	0.48	100	0.58	100	0.43	100	0.57	100	1.11	100	0.62	100	1.03	100	0.74	100	0.64	100
GB0048R	arsenic	aerosol	ng/m3	0.62	98	0.19	100	0.23	100	0.26	100	0.26	100	0.17	100	0.10	100	0.14	100	0.32	100	0.17	100	0.21	100	0.14	100	0.23	100
NO0002R	arsenic	pm10	ng/m3	0.23	100	0.22	100	0.30	100	0.25	100	0.25	100	0.14	100	0.14	100	0.10	100	0.24	100	0.37	100	0.16	100	0.05	100	0.21	100
NO0042G	arsenic	aerosol	ng/m3	0.01	19	0.04	29	0.10	29	0.12	47	0.03	26	0.01	37	0.02	29	0.02	32	0.01	33	0.02	26	0.02	27	0.15	39	0.05	31
NO0090R	arsenic	aerosol	ng/m3	0.06	26	0.03	29	0.09	29	0.12	17	0.07	42	0.05	30	0.06	29	0.18	26	0.07	33	0.07	26	0.02	27	0.02	19	0.07	28
PT0004R	arsenic	pm10	ng/m3	-	0	0.40	7	0.42	10	0.51	10	0.40	3	0.40	3	0.40	10	0.40	13	0.40	2	0.40	2	0.40	7	-	0	0.42	5
PT0006R	arsenic	pm10	ng/m3	0.54	6	0.40	4	0.36	10	0.40	3	0.40	6	0.40	7	0.40	6	0.40	6	0.40	7	0.39	6	0.20	7	0.22	6	0.37	6
SE0014R	arsenic	aerosol	ng/m3	0.34	100	0.68	100	0.41	100	0.39	100	0.30	100	0.20	100	0.19	100	0.18	100	0.25	100	0.30	100	0.33	100	0.16	91	0.31	99
BE0014R	cadmium	pm10	ng/m3	0.143	97	0.133	96	0.265	100	0.217	100	0.129	100	0.097	100	0.146	90	0.074	100	0.237	100	0.148	100	0.250	100	0.186	90	0.169	98
DE0001R	cadmium	pm10	ng/m3	0.165	100	0.151	100	0.123	100	0.116	100	0.043	100	0.027	100	0.047	100	0.025	100	0.103	100	0.130	100	0.177	100	0.084	93	0.099	99
DK0008R	cadmium	aerosol	ng/m3	0.066	89	0.078	100	0.058	100	0.080	83	0.036	94	0.014	87	0.041	97	0.030	87	0.070	97	0.116	90	0.089	93	0.067	81	0.062	91
ES0008R	cadmium	pm10	ng/m3	0.054	16	0.093	17	0.200	17	0.097	16	0.107	17	0.136	17	0.076	16	0.022	16	0.094	17	0.158	16	0.129	16	0.061	17	0.103	16
GB0036R	cadmium	aerosol	ng/m3	0.049	95	0.066	100	0.132	100	0.083	100	0.073	100	0.098	100	0.086	100	0.107	100	0.150	100	0.081	100	0.151	100	0.142	100	0.102	100
GB0048R	cadmium	aerosol	ng/m3	0.047	98	0.044	100	0.039	100	0.049	100	0.044	100	0.029	100	0.016	100	0.030	100	0.085	100	0.027	100	0.040	100	0.034	100	0.040	100
NO0002R	cadmium	pm10	ng/m3	0.040	100	0.051	100	0.057	100	0.036	100	0.027	100	0.012	100	0.020	100	0.011	100	0.049	100	0.043	100	0.028	100	0.021	100	0.033	100
NO0042G	cadmium	aerosol	ng/m3	0.004	19	0.006	29	0.014	29	0.017	47	0.011	26	0.003	37	0.001	29	0.030	32	0.006	33	0.007	26	0.009	27	0.026	39	0.012	31
NO0090R	cadmium	aerosol	ng/m3	0.008	26	0.005	29	0.020	29	0.011	17	0.011	42	0.003	30	0.013	29	0.014	26	0.109	33	0.052	26	0.028	27	0.011	19	0.025	28
PT0004R	cadmium	pm10	ng/m3	-	0	0.400	7	0.400	10	1.100	10	1.300	3	1.700	3	3.967	10	0.400	13	0.400	2	0.400	2	0.400	7	-	0	1.150	5
PT0006R	cadmium	pm10	ng/m3	0.400	6	0.400	4	0.400	10	0.400	3	0.400	6	0.400	7	0.400	6	0.400	6	0.400	7	0.300	6	0.200	7	0.200	6	0.357	6
SE0014R	cadmium	aerosol	ng/m3	0.10	100	0.17	100	0.08	100	0.06	100	0.04	100	0.02	100	0.02	100	0.02	100	0.06	100	0.08	100	0.08	100	0.05	91	0.06	99
BE0014R	chromium	pm10	ng/m3	1.04	97	1.10	96	2.07	100	1.57	100	1.62	100	1.36	100	0.89	90	-0.26	100	-0.34	100	0.53	100	0.74	100	2.20	90	1.04	98
ES0008R	chromium	pm10	ng/m3	0.51	16	0.61	17	1.09	17	0.43	16	0.36	17	1.28	17	0.95	16	0.09	16	0.16	17	0.71	16	0.41	16	0.93	17	0.63	16
GB0036R	chromium	aerosol	ng/m3	1.37	95	0.77	100	0.50	100	0.48	100	0.83	100	0.90	100	0.90	100	0.94	100	1.05	100	0.90	100	0.90	100	0.90	100	0.87	100
GB0048R	chromium	aerosol	ng/m3	0.81	98	0.36	100	0.52	100	0.27	100	0.74	100	0.90	100	0.90	100	0.90	100	0.90	100	0.90	100	0.90	100	0.90	100	0.75	100
NO0002R	chromium	pm10	ng/m3	0.17	100	0.25	100	0.15	100	0.24	100	0.23	100	0.18	100	0.05	100	0.03	100	0.35	100	0.23	100	0.28	100	0.03	100	0.18	100
NO0042G	chromium	aerosol	ng/m3	0.10	19	0.05	29	0.11	29	0.19	47	0.19	26	0.33	37	0.01	29	0.25	32	0.13	33	0.01	26	0.06	27	0.12	39	0.14	31
NO0090R	chromium	aerosol	ng/m3	0.14	26	0.10	29	0.19	29	0.10	17	0.11	42	0.13	30	0.12	29	0.04	26	0.04	33	0.08	26	0.04	27	0.08	19	0.10	28
SE0014R	chromium	aerosol	ng/m3	0.64	100	0.75	100	0.34	100	0.90	100	0.23	100	0.38	100	0.35	100	0.12	100	0.19	100	0.23	100	0.35	100	0.21	91	0.39	99
BE0014R	copper	pm10	ng/m3	3.96	97	4.07	96	6.25	100	4.26	100	5.50	100	2.80	100	3.21	90	3.29	100	5.95	100	4.77	100	6.42	100	3.36	90	4.51	98
GB0036R	copper	aerosol	ng/m3	1.29	95	2.02	100	3.68	100	2.17	100	2.85	100	2.83	100	3.12	100	2.77	100	4.40	100	2.05	100	3.84	100	3.23	100	2.86	100
GB0048R	copper	aerosol	ng/m3	0.66	98	0.68	100	0.71	100	0.85	100	1.00	100	1.03	100	0.83	100	1.01	100	1.90	100	0.51	100	0.61	100	0.50	100	0.86	100
NO0002R	copper	pm10	ng/m3	0.61	100	0.90	100	0.81	100	0.66	100	0.70	100	0.51	100	0.70	100	0.32	100	0.77	100	0.65	100	0.39	100	0.09	100	0.59	100
NO0042G	copper	aerosol	ng/m3	0.11	19	0.08	29	0.20	29	0.35	47	0.22	26	0.07	37	0.03	29	0.68	32	0.14	33	0.08	26	0.20	27	0.25	39	0.22	31
NO0090R	copper	aerosol	ng/m3	0.25	26	0.17	29	0.31	29	0.24	17	0.20	42	0.31	30	0.47	29	0.35	26	0.24	33	0.18	26	0.06	27	0.18	19	0.25	28
SE0014R	copper	aerosol	ng/m3	0.95	100	1.89	100	1.13	100	1.11	100	1.08	100	0.76	100	0.73	100	0.60	100	1.26	100	1.35	100	1.15	100	0.48	91	1.04	99

Table A.2.5 :Cont.

				Jan		Febr		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec		2014	

Site	Comp	matrix	Unit	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt	conc	capt
BE0014R	lead	pm10	ng/m3	4.84	97	3.99	96	8.72	100	6.51	100	4.75	100	3.24	100	3.14	90	0.53	100	0.75	100	0.70	100	0.99	100	0.56	90	3.24	98
DE0001R	lead	pm10	ng/m3	5.85	100	5.46	100	3.78	100	3.07	100	1.53	100	1.08	100	1.74	100	1.03	100	2.83	100	4.04	100	5.90	100	2.23	93	3.20	99
DK0008R	lead	aerosol	ng/m3	4.77	96	5.96	100	2.98	100	2.06	83	1.25	94	0.55	87	1.14	97	0.72	87	1.63	100	2.64	90	2.86	93	1.28	81	2.35	92
ES0008R	lead	pm10	ng/m3	1.83	16	3.50	17	6.50	17	5.03	16	4.35	17	2.94	17	2.45	16	1.51	16	3.84	17	4.72	16	3.10	16	1.90	17	3.48	16
GB0036R	lead	aerosol	ng/m3	2.86	95	3.05	100	4.87	100	3.36	100	3.88	100	3.92	100	3.79	100	4.45	100	5.32	100	3.56	100	9.62	100	9.01	100	4.82	100
GB0048R	lead	aerosol	ng/m3	1.52	98	1.33	100	1.45	100	1.83	100	1.61	100	1.08	100	0.79	100	0.95	100	1.94	100	1.03	100	1.80	100	1.21	100	1.38	100
NO0002R	lead	pm10	ng/m3	1.64	100	1.78	100	1.56	100	0.87	100	0.81	100	0.37	100	0.66	100	0.35	100	0.72	100	1.05	100	0.75	100	0.12	100	0.88	100
NO0042G	lead	aerosol	ng/m3	0.08	19	0.21	29	0.43	29	0.47	47	0.16	26	0.06	37	0.03	29	0.04	32	0.07	33	0.05	26	0.13	27	0.61	39	0.22	31
NO0090R	lead	aerosol	ng/m3	0.27	26	0.18	29	0.72	29	0.26	17	0.31	42	0.09	30	0.33	29	0.32	26	0.25	33	0.34	26	0.09	27	0.13	19	0.28	28
PT0004R	lead	pm10	ng/m3	-	0	1.20	7	2.80	10	0.47	10	0.00	3	0.40	3	0.80	10	0.25	13	0.40	2	0.40	2	0.40	7	-	0	0.86	5
PT0006R	lead	pm10	ng/m3	3.90	6	0.40	4	2.97	10	2.10	3	0.52	6	0.90	7	1.02	6	0.89	6	0.57	7	2.15	6	1.69	7	2.45	6	1.72	6
SE0014R	lead	aerosol	ng/m3	3.78	100	5.47	100	2.43	100	1.60	100	1.37	100	0.77	100	0.74	100	0.72	100	1.47	100	2.03	100	2.51	100	1.17	91	1.99	99
ES0008R	mercury	(TGM) air	ng/m3	0.31	97	0.22	99	0.18	99	0.20	99	0.18	99	0.23	97	0.32	97	0.37	98	0.49	98	0.34	46	0.36	44	0.44	98	0.30	89
NO0002R	mercury	(TGM) air	ng/m3	1.66	99	1.86	95	1.71	92	1.68	95	1.53	91	1.38	96	1.43	95	1.43	95	1.26	21	1.36	44	1.33	93	1.40	92	1.53	84
NO0042G	mercury	(TGM) air	ng/m3	1.44	94	1.69	87	1.55	94	1.31	96	1.13	95	1.49	96	1.62	90	2.27	1	-	0	1.40	79	1.56	92	1.57	100	1.48	77
NO0090R	mercury	(TGM) air	ng/m3	1.69	93	1.66	98	1.62	96	1.52	94	1.27	72	1.41	92	1.41	96	1.38	97	1.37	99	1.45	99	1.54	81	1.61	99	1.50	93
SE0014R	mercury	air+aerosol	ng/m3	1.53	29	1.53	29	1.47	29	1.52	29	1.56	29	1.44	28	1.43	29	1.39	29	1.31	27	1.46	26	1.50	27	1.58	26	1.48	28
SE0014R	mercury	aerosol	pg/m3	2.64	26	14.65	29	4.17	29	3.39	29	2.97	29	2.00	28	1.75	29	2.28	26	1.65	27	1.19	29	1.13	30	1.26	26	3.20	28
BE0014R	nickel	pm10	ng/m3	0.44	97	2.28	96	3.70	100	4.11	100	4.06	100	4.66	100	4.38	90	1.45	100	3.40	100	1.25	100	0.78	100	1.78	90	2.69	98
DE0001R	nickel	pm10	ng/m3	1.44	100	1.35	100	1.62	100	1.58	100	1.16	100	0.91	100	1.31	100	0.50	100	1.17	100	1.50	100	0.87	100	0.44	93	1.16	99
DK0008R	nickel	aerosol	ng/m3	1.02	96	2.44	96	1.54	100	2.26	83	1.61	94	0.94	87	1.91	97	0.85	87	1.73	97	1.44	90	0.69	93	0.43	81	1.41	92
ES0008R	nickel	pm10	ng/m3	1.62	16	1.10	17	1.42	17	1.18	16	1.32	17	1.19	17	1.17	16	0.74	16	1.08	17	1.66	16	0.98	16	0.73	17	1.18	16
NO0002R	nickel	pm10	ng/m3	0.33	100	0.71	100	0.45	100	0.41	100	0.62	100	0.56	100	0.53	100	0.26	100	0.42	100	0.28	100	0.10	100	0.10	100	0.40	100
NO0042G	nickel	aerosol	ng/m3	0.04	19	0.21	29	0.12	29	0.17	47	0.14	26	0.17	37	0.09	29	0.44	32	0.07	33	0.02	26	0.04	27	0.09	39	0.14	31
NO0090R	nickel	aerosol	ng/m3	0.12	26	0.12	29	0.21	29	0.17	17	0.12	42	0.12	30	0.19	29	0.28	26	0.09	33	0.10	26	0.03	27	0.02	19	0.13	28
PT0004R	nickel	pm10	ng/m3	-	0	0.23	7	1.42	10	1.21	10	0.26	3	0.27	3	1.65	10	1.66	13	0.40	2	0.40	2	0.44	7	-	0	1.09	5
PT0006R	nickel	pm10	ng/m3	1.01	6	0.48	4	0.85	10	1.80	3	0.74	6	1.10	7	0.84	6	0.95	6	1.13	7	0.80	6	0.45	7	0.44	6	0.86	6
SE0014R	nickel	aerosol	ng/m3	0.16	100	1.48	100	1.61	100	2.19	100	1.39	100	0.81	100	0.75	100	0.52	100	0.85	100	2.43	100	0.69	100	0.35	91	1.10	99
BE0014R	zinc	pm10	ng/m3	16.36	97	13.79	96	32.54	100	26.52	100	26.19	100	13.08	100	15.42	90	8.58	100	18.68	100	18.76	100	30.31	100	31.13	90	21.0	98
ES0008R	zinc	pm10	ng/m3	8.07	16	19.62	17	38.45	17	19.92	16	33.64	17	17.60	17	8.31	16	8.94	16	18.96	17	23.75	16	18.49	16	8.85	17	18.8	16
GB0036R	zinc	aerosol	ng/m3	4.75	95	6.91	100	11.73	100	7.74	100	11.75	100	9.12	100	9.31	100	8.58	100	10.63	100	6.63	100	15.96	100	14.19	100	9.8	100
GB0048R	zinc	aerosol	ng/m3	8.93	98	9.34	100	3.11	100	5.21	100	3.57	100	3.07	100	1.98	100	2.43	100	4.78	100	2.13	100	3.00	100	1.61	100	4.0	100
NO0002R	zinc	pm10	ng/m3	5.75	100	7.27	100	5.87	100	4.57	100	3.11	100	2.68	100	5.03	100	2.25	100	4.17	100	7.99	100	4.55	100	0.80	100	4.5	100
NO0042G	zinc	aerosol	ng/m3	0.61	19	1.03	29	1.39	29	2.13	47	2.01	26	0.36	37	0.37	29	7.79	32	1.06	33	0.47	26	0.58	27	1.59	39	1.7	31
NO0090R	zinc	aerosol	ng/m3	1.06	26	0.93	29	2.30	29	1.12	17	1.31	42	0.85	30	2.05	29	1.62	26	0.94	33	2.91	26	0.32	27	0.38	19	1.3	28
SE0014R	zinc	aerosol	ng/m3	11.96	100	15.44	100	8.40	100	7.94	100	6.54	100	3.06	100	2.90	100	2.82	100	7.45	100	8.80	100	9.97	100	5.69	91	7.5	99

Table A.2.6 : Concentrations of POPs in precipitation and total deposition, 2014

Site	Comp	matrix	unit	jan	febr	mar	apr	may	june	july	aug	sept	oct	nov	dec	year	capture
BE0013R	anthracene	precip	ng/L	1.06	0.08	0.69	2.69	3.21	9.84	3.09	4.56	0.57	0.00	6.46	5.40	3.87	100
BE0013R	benz_a_anthracene	precip	ng/L	2.25	13.06	6.35	13.39	7.58	23.83	9.75	10.74	1.69	3.25	20.29	19.25	12.54	100
BE0013R	benzo_a_pyrene	precip	ng/L	2.24	16.80	8.51	16.37	9.46	13.77	14.41	13.04	3.25	3.18	15.98	17.79	12.08	100
BE0013R	benzo_b_fluoranthene	precip	ng/L	6.42	34.26	15.22	20.19	12.81	17.05	14.18	22.03	4.09	9.13	35.10	38.58	20.12	100
BE0013R	benzo_ghi_perylene	precip	ng/L	3.20	26.26	11.67	22.57	12.04	11.32	10.13	15.21	9.33	6.34	21.01	24.02	14.59	100
BE0013R	benzo_k_fluoranthene	precip	ng/L	1.76	15.30	6.80	9.39	7.82	12.83	13.59	7.07	1.90	2.78	12.48	14.16	9.94	100
BE0013R	chrysene	precip	ng/L	9.67	43.89	18.92	18.93	11.00	33.96	12.94	18.76	2.23	9.71	40.11	39.02	23.91	100
BE0013R	dibenzo_ah_anthracene	precip	ng/L	0.06	3.46	1.57	2.77	4.32	10.26	9.39	10.63	4.88	1.96	3.26	4.54	5.69	100
BE0013R	fluoranthene	precip	ng/L	12.18	0.88	5.43	38.29	29.67	89.04	20.76	41.37	1.90	15.81	109.51	92.78	43.61	100
BE0013R	fluorene	precip	ng/L	4.45	0.32	0.78	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.69	0.85	100
BE0013R	inden_123cd_pyrene	precip	ng/L	3.28	23.27	10.72	15.04	9.83	13.89	10.49	16.99	4.17	5.51	19.08	25.24	14.02	100
BE0013R	naphthalene	precip	ng/L	57.27	3.78	15.29	32.19	0.00	0.00	48.48	119.29	19.45	0.00	0.00	80.25	30.93	100
BE0013R	pyrene	precip	ng/L	9.99	0.73	4.70	32.25	29.28	88.15	22.30	41.77	1.30	25.15	95.71	74.05	41.00	100
BE0013R	precipitation	precip	mm	41	65	23	20	61	94	66	53	31	38	40	58	589	100
BE0014R	aldrin	precip	ng/L	0.45	0.45	0.45	0.45	0.45	0.45	0.45	-	-	0.45	0.45	0.45	0.45	73
BE0014R	alpha_HCH	precip	ng/L	0.35	0.35	0.35	0.35	0.35	0.35	0.35	-	-	0.35	0.35	0.35	0.35	73
BE0014R	beta_HCH	precip	ng/L	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	0.2	0.2	0.2	0.2	73
BE0014R	dieldrin	precip	ng/L	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	0.2	0.2	0.2	0.2	73
BE0014R	endrin	precip	ng/L	0.55	0.55	0.55	0.55	0.55	0.55	0.55	-	-	0.55	0.55	0.55	0.55	73
BE0014R	gamma_HCH	precip	ng/L	1	0.2655	0.2	0.2	0.2769	0.6401	0.2	-	-	0.2	0.2	0.2	0.3617	73
BE0014R	heptachlor	precip	ng/L	1	1	1	1	1	1	1	-	-	1	1	1	1	73
BE0014R	op_DDD	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	op_DDE	precip	ng/L	1	1	1	1	1	1	1	-	-	1	1	1	1	73
BE0014R	op_DDT	precip	ng/L	1	1	1	1	1	1	1	-	-	1	1	1	1	73
BE0014R	PCB_101	precip	ng/L	1	1	1	1	1	1	1	-	-	1	1	1	1	73
BE0014R	PCB_118	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	PCB_138	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	PCB_153	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	PCB_180	precip	ng/L	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-	-	1.5	1.5	1.5	1.5	73
BE0014R	PCB_28	precip	ng/L	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-	-	1.5	1.5	1.5	1.5	73
BE0014R	PCB_52	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	pp_DDD	precip	ng/L	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-	-	0.7	0.7	0.7	0.7	73
BE0014R	pp_DDE	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	pp_DDT	precip	ng/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	-	0.5	0.5	0.5	0.5	73
BE0014R	precipitation	precip	mm	78	104	30	46	61	53	111	103	66	60	46	65	823	100
DE0001R	gamma_HCH	precip	ng/L	0.61	1.24	1.07	1.02	1.02	1.04	0.92	0.78	0.72	0.66	0.86	0.69	0.83	100
DE0001R	precipitation	precip	mm	59	59	19	38	41	52	77	187	58	104	23	133	850	100

Table A.2.6 : Cont.

Site	Comp	matrix	unit	jan	febr	mar	apr	may	june	july	aug	sept	oct	nov	dec	year	capture
ES0008R	acenaphthene	precip+dry_dep	ng/m^{2}day	0.09	0.58	0.09	0.09	-	-	-	-	-	-	-	-	-	-
ES0008R	acenaphthylene	precip+dry_dep	ng/m^{2}day	0.07	0.07	0.07	0.07	-	-	-	-	-	-	-	-	-	-
ES0008R	anthracene	precip+dry_dep	ng/m^{2}day	1.12	1.54	1.57	0.98	-	-	-	-	-	-	-	-	-	-
ES0008R	benz_a_anthracene	precip+dry_dep	ng/m^{2}day	1.56	2.45	2.11	1.85	-	-	-	-	-	-	-	-	-	-
ES0008R	benzo_a_pyrene	precip+dry_dep	ng/m^{2}day	1.89	1.87	1.96	1.42	-	-	-	-	-	-	-	-	-	-
ES0008R	benzo_ghi_perylene	precip+dry_dep	ng/m^{2}day	0.02	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0008R	benzo_k_fluoranthene	precip+dry_dep	ng/m^{2}day	2.97	2.45	1.53	1.41	-	-	-	-	-	-	-	-	-	-
ES0008R	chrysene	precip+dry_dep	ng/m^{2}day	2.78	2.06	1.99	1.05	-	-	-	-	-	-	-	-	-	-
ES0008R	dibenzo_ah_anthracene	precip+dry_dep	ng/m^{2}day	0.02	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0008R	fluoranthene	precip+dry_dep	ng/m^{2}day	2.01	2.59	2.59	2.21	-	-	-	-	-	-	-	-	-	-
ES0008R	fluorene	precip+dry_dep	ng/m^{2}day	3.11	2.87	3.54	2.98	-	-	-	-	-	-	-	-	-	-
ES0008R	inden_123cd_pyrene	precip+dry_dep	ng/m^{2}day	0.02	0.02	0.02	0.02	-	-	-	-	-	-	-	-	-	-
ES0008R	naphthalene	precip+dry_dep	ng/m^{2}day	0.09	0.09	0.09	0.09	-	-	-	-	-	-	-	-	-	-
ES0008R	phenanthrene	precip+dry_dep	ng/m^{2}day	2.29	3.01	2.73	1.58	-	-	-	-	-	-	-	-	-	-
ES0008R	pyrene	precip+dry_dep	ng/m^{2}day	3.05	3.25	3.05	2.87	-	-	-	-	-	-	-	-	-	-

Table A.2.6 : Cont.

Site	Comp	matrix	unit	jan	febr	mar	apr	may	june	july	aug	sept	oct	nov	dec	year	capture
NL0091R	acenaphthene	precip	ng/L	1.719	1.875	1.572	1.212	0.856	0.886	1.439	1.331	1.219	1.568	2.212	2.970	1.586	100
NL0091R	acenaphthylene	precip	ng/L	3.967	1.611	1.024	0.535	0.298	0.449	1.139	1.111	0.841	1.177	4.041	3.786	1.923	100
NL0091R	anthracene	precip	ng/L	1.545	0.758	1.279	0.942	0.956	1.567	1.328	1.068	1.941	0.780	1.794	2.103	1.324	100
NL0091R	benz_a_anthracene	precip	ng/L	6.084	2.441	2.127	2.680	1.246	1.087	1.618	1.330	1.150	1.014	4.017	6.147	2.831	100
NL0091R	benzo_a_pyrene	precip	ng/L	5.472	2.518	2.758	3.642	1.714	1.400	1.968	1.581	1.578	1.353	4.087	6.573	2.995	100
NL0091R	benzo_bjk_fluoranthenes	precip	ng/L	22.134	9.501	8.683	12.383	6.896	4.002	5.571	4.709	5.107	3.376	14.911	18.041	10.477	100
NL0091R	benzo_ghi_perylene	precip	ng/L	7.573	3.036	2.656	4.350	2.067	1.418	2.006	1.713	1.702	1.338	5.611	6.921	3.652	100
NL0091R	chrysene	precip	ng/L	14.139	7.418	6.764	8.396	3.971	2.648	3.807	3.397	3.455	2.906	10.060	12.497	7.118	100
NL0091R	dibenzo_ah_anthracene	precip	ng/L	1.568	0.470	0.519	0.811	0.451	0.400	0.518	0.371	0.375	0.393	1.060	1.593	0.766	100
NL0091R	fluoranthene	precip	ng/L	29.236	17.507	16.099	14.089	7.731	6.307	7.637	6.424	6.590	6.076	20.920	29.566	15.114	100
NL0091R	fluorene	precip	ng/L	6.897	3.847	2.973	2.471	2.094	1.340	1.275	0.979	1.098	1.243	3.955	5.237	3.169	100
NL0091R	gamma_HCH	precip	ng/L	1.425	8.664	3.544	3.376	2.097	2.113	3.042	5.658	3.443	3.320	1.617	1.421	3.327	100
NL0091R	inden_123cd_pyrene	precip	ng/L	6.427	2.491	2.223	3.178	1.666	1.173	1.683	1.412	1.459	1.110	4.735	5.908	3.053	100
NL0091R	naphthalene	precip	ng/L	10.791	5.651	2.213	2.497	1.239	1.913	2.984	1.688	1.679	1.056	4.955	9.287	4.546	100
NL0091R	phe-threne	precip	ng/L	32.869	18.914	17.510	13.515	8.573	7.027	6.369	4.459	4.552	3.820	14.702	24.007	14.587	100
NL0091R	pyrene	precip	ng/L	18.888	11.268	10.369	9.381	4.945	3.895	4.974	4.617	4.524	4.102	15.050	20.286	10.029	100
NL0091R	Precipitation amount	precip	mm'	110	80	19	21	59	59	49	48	40	61	59	38	643	100
NO0001R	alpha_HCH	precip	ng/L	0.0715	0.0659	0.0897	0.0704	0.0981	0.1441	0.1136	0.1368	0.1556	0.134	0.1261	0.0947	0.1078	100
NO0001R	gamma_HCH	precip	ng/L	0.186	0.1829	0.2544	0.2769	0.2029	0.1455	0.4173	0.2202	0.2007	0.224	0.2139	0.0721	0.2078	100
NO0001R	HCB	precip	ng/L	0.0676	0.0431	0.0601	0.0596	0.0968	0.1309	0.1736	0.1116	0.0993	0.0221	0.0349	0.1934	0.0703	100
NO0001R	PCB_101	precip	ng/L	0.0087	0.0063	0.0084	0.0052	0.0065	0.0072	0.0053	0.0031	0.0042	0.0068	0.0092	0.006	0.0067	100
NO0001R	PCB_118	precip	ng/L	0.0075	0.0065	0.0064	0.0026	0.0037	0.0049	0.0041	0.0024	0.0047	0.0033	0.0047	0.0052	0.0049	98
NO0001R	PCB_138	precip	ng/L	0.0115	0.0102	0.0149	0.0053	0.0077	0.0055	0.0051	0.0024	0.0036	0.0061	0.0087	0.006	0.0078	99

Table A.2.6 : Cont.

NO0001R	PCB_153	precip	ng/L	0.0127	0.0113	0.0165	0.0062	0.0095	0.0076	0.0062	0.0033	0.0045	0.0084	0.0111	0.0069	0.0093	99
NO0001R	PCB_180	precip	ng/L	0.0083	0.0084	0.0153	0.0034	0.0047	0.004	0.0046	0.0017	0.0022	0.0036	0.0064	0.0041	0.0057	99
NO0001R	PCB_28	precip	ng/L	0.0071	0.0041	0.0056	0.0034	0.004	0.0054	0.005	0.0032	0.0038	0.0017	0.0029	0.0077	0.0042	99
NO0001R	PCB_52	precip	ng/L	0.0082	0.0045	0.0056	0.0046	0.0043	0.0048	0.0042	0.0034	0.0032	0.0029	0.0045	0.0074	0.0049	93
NO0001R	PCB_99	precip	ng/L	0.0025	0.0018	0.0025	0.0017	0.0026	0.0036	0.003	0.0016	0.0024	0.0009	0.0015	0.0028	0.0019	97
NO0001R	Precipitation amount	precip	mm	418	321	103	41	88	58	78	255	166	445	255	102	2331	95
SE0014R	alpha_HCH	precip+dry_dep	ng/m2day	0.06	0.12	0.04	0.11	0.18	0.26	0.38	0.25	0.16	0.01	0.02	0.01	0.13	100
SE0014R	anthracene	precip+dry_dep	ng/m2day	1.00	1.00	0.35	0.21	0.32	0.40	0.31	0.40	0.34	0.88	0.20	0.43	0.48	100
SE0014R	BDE_100	precip+dry_dep	ng/m2day	0.02	0.07	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.28	0.31	0.07	100
SE0014R	BDE_47	precip+dry_dep	ng/m2day	0.05	0.12	0.15	0.06	0.09	0.08	0.08	0.17	0.01	0.04	0.02	0.03	0.07	100
SE0014R	benz_a_anthracene	precip+dry_dep	ng/m2day	3.61	7.00	3.24	1.00	1.00	1.00	1.00	1.00	2.05	2.85	2.00	2.77	2.35	100
SE0014R	benzo_a_pyrene	precip+dry_dep	ng/m2day	3.07	9.00	1.60	2.00	2.00	2.00	2.00	2.00	1.36	6.39	3.00	3.77	3.15	100
SE0014R	benzo_b_fluoranthene	precip+dry_dep	ng/m2day	11.84	22.00	4.38	3.00	3.00	3.03	4.00	4.00	2.72	12.77	6.00	9.06	7.07	100
SE0014R	benzo_ghi_perylene	precip+dry_dep	ng/m2day	4.23	11.00	2.61	0.31	0.38	0.37	3.00	3.00	2.48	9.08	4.00	4.00	3.67	100
SE0014R	benzo_k_fluoranthene	precip+dry_dep	ng/m2day	3.77	8.00	1.51	1.00	1.00	1.00	1.12	2.00	1.24	4.54	2.00	2.77	2.46	100
SE0014R	chrysene	precip+dry_dep	ng/m2day	12.38	20.00	8.80	4.82	3.19	3.98	3.60	8.00	13.48	19.40	5.00	9.60	9.29	100
SE0014R	dibenzo_ah_anthracene	precip+dry_dep	ng/m2day	1.15	2.00	0.42	0.29	0.24	0.40	0.40	0.40	0.34	1.00	1.00	1.00	0.71	100
SE0014R	fluoranthene	precip+dry_dep	ng/m2day	26.37	45.00	10.69	7.91	7.37	8.93	6.24	8.00	6.02	19.85	8.00	17.96	14.18	100
SE0014R	gamma_HCH	precip+dry_dep	ng/m2day	0.55	0.60	0.57	0.58	0.60	0.58	0.57	0.57	0.57	0.57	0.59	0.76	0.59	100
SE0014R	inden_123cd_pyrene	precip+dry_dep	ng/m2day	5.69	15.00	2.94	2.00	2.00	2.00	2.12	3.00	2.53	10.08	5.00	6.53	4.85	100
SE0014R	PCB_101	precip+dry_dep	ng/m2day	0.03	0.11	0.10	0.07	0.11	0.11	0.04	0.19	0.08	0.02	0.02	0.02	0.07	100
SE0014R	PCB_118	precip+dry_dep	ng/m2day	0.02	0.02	0.02	0.02	0.03	0.12	0.07	0.07	0.06	0.02	0.02	0.02	0.04	100
SE0014R	PCB_138	precip+dry_dep	ng/m2day	0.11	0.28	0.19	0.16	0.25	0.33	0.26	0.23	0.19	0.19	0.10	0.16	0.20	100
SE0014R	PCB_153	precip+dry_dep	ng/m2day	0.08	0.24	0.18	0.15	0.23	0.32	0.27	0.33	0.27	0.15	0.07	0.13	0.20	100
SE0014R	PCB_180	precip+dry_dep	ng/m2day	0.08	0.20	0.11	0.10	0.16	0.22	0.18	0.19	0.20	0.14	0.10	0.13	0.15	100
SE0014R	PCB_28	precip+dry_dep	ng/m2day	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	100
SE0014R	PCB_52	precip+dry_dep	ng/m2day	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	100
SE0014R	phenanthrene	precip+dry_dep	ng/m2day	18.06	35.00	11.74	7.28	10.00	9.95	8.48	12.00	6.81	17.16	7.00	14.66	13.06	100
SE0014R	pp_DDD	precip+dry_dep	ng/m2day	0.00	0.01	0.01	0.01	0.03	0.06	0.04	0.07	0.04	0.24	0.01	0.02	0.05	100
SE0014R	pp_DDE	precip+dry_dep	ng/m2day	0.07	0.17	0.06	0.08	0.10	0.06	0.06	0.08	0.04	0.14	0.06	0.11	0.09	100
SE0014R	pp_DDT	precip+dry_dep	ng/m2day	0.07	0.12	0.08	0.10	0.12	0.17	0.11	0.12	0.02	0.07	0.02	0.03	0.08	100
SE0014R	pyrene	precip+dry_dep	ng/m2day	16.84	27.00	7.55	6.45	1.00	1.10	5.12	6.00	4.72	14.47	6.00	11.36	8.87	100
PT0004R	1234678_HpCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	1234678_HpCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	1234789_HpCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	123478_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	123478_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	123678_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-

Table A.2.6 : Cont.

PT0004R	123678_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-

PT0004R	123789_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	123789_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	12378_PeCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	12378_PeCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	234678_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	23478_PeCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.083	0.05	0.05	-	-	-
PT0004R	2378_TCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.067	0.04	0.04	-	-	-
PT0004R	2378_TCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.04	0.04	-	-	-
PT0004R	OCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.17	0.1	0.1	-	-	-
PT0004R	OCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.17	0.1	0.1	-	-	-
PT0004R	PCB_101	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_105	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.2	0.2	-	-	-
PT0004R	PCB_114	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_118	precip	ng/L	-	-	-	-	-	-	-	-	1	0.5	0.5	-	-	-
PT0004R	PCB_123	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_126	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_128	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_153	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_156	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_157	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_167	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.06	0.06	-	-	-
PT0004R	PCB_169	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_170	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_180	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_189	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_28	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_31	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_52	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	PCB_77	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	PCB_81	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0004R	acenaphthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	acenaphthylene	precip	ng/L	-	-	-	-	-	-	-	-	5	10	10	-	-	-
PT0004R	aldrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	alpha_HCH	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	benz_a_anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	benzo_a_pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	benzo_b_fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	benzo_ghi_perylene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-

Table A.2.6 : Cont.

PT0004R	benzo_k_fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	beta_endosulfan	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	chrysene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-

PT0004R	dibenzo_ah_anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	dieldrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	endrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	fluorene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	gamma_HCH	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	heptachlor	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	heptachlorepoxide	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	hexachlorobenzene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	inden_123cd_pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	naphthalene	precip	ng/L	-	-	-	-	-	-	-	-	13	15	15	-	-	-
PT0004R	phe-threne	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	pp_DDD	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	pp_DDE	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0004R	precipitation	precip	mm'	-	-	-	-	-	-	-	-	26	49	59	-	-	-
PT0006R	1234678_HpCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	1234678_HpCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.5	0.05	0.05	-	-	-
PT0006R	1234789_HpCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.5	0.05	0.05	-	-	-
PT0006R	123478_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	123478_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	123678_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	123678_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	123789_HxCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	123789_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	12378_PeCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	12378_PeCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	234678_HxCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	23478_PeCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-
PT0006R	2378_TCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.04	0.04	0.04	-	-	-
PT0006R	2378_TCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.04	0.04	0.04	-	-	-
PT0006R	OCDD	precip	ng/L	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-
PT0006R	OCDF	precip	ng/L	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-
PT0006R	PCB_101	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_105	precip	ng/L	-	-	-	-	-	-	-	-	0.2	0.02	0.02	-	-	-
PT0006R	PCB_114	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-

Table A.2.6 : Cont.

PT0006R	PCB_118	precip	ng/L	-	-	-	-	-	-	-	-	0.6	0.7	0.7	-	-	-
PT0006R	PCB_123	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
PT0006R	PCB_126	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
PT0006R	PCB_128	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_153	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_156	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.2	0.2	-	-	-

PT0006R	PCB_157	precip	ng/L	-	-	-	-	-	-	-	-	0.2	0.02	0.02	-	-	-
PT0006R	PCB_167	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
PT0006R	PCB_169	precip	ng/L	-	-	-	-	-	-	-	-	0.03	0.02	0.02	-	-	-
PT0006R	PCB_170	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_180	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_189	precip	ng/L	-	-	-	-	-	-	-	-	0.04	0.02	0.02	-	-	-
PT0006R	PCB_28	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_31	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_52	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	PCB_77	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
PT0006R	PCB_81	precip	ng/L	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-	-	-
PT0006R	acenaphthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	acenaphthylene	precip	ng/L	-	-	-	-	-	-	-	-	5	10	10	-	-	-
PT0006R	aldrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	alpha_HCH	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	benz_a_anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	benzo_a_pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	benzo_b_fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	benzo_ghi_perylene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	benzo_k_fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	beta_endosulfan	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	chrysene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	dibenzo_ah_anthracene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	dieldrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	endrin	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	fluoranthene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	fluorene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	gamma_HCH	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	heptachlor	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	heptachlorepoxide	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	hexachlorobenzene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	inden_123cd_pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	naphthalene	precip	ng/L	-	-	-	-	-	-	-	-	11	32	32	-	-	-
PT0006R	phe-threne	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	pp_DDD	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	pp_DDE	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	pyrene	precip	ng/L	-	-	-	-	-	-	-	-	5	5	5	-	-	-
PT0006R	precipitation	precip	mm'	-	-	-	-	-	-	-	-	32	36	48	-	-	-

Table A.2.7 : Concentrations of POPs in air, 2014

Site	Comp	matrix	unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	year	capture
BE0013R	benz_a_anthracene	pm10	ng/m^3	0.0512	0.0176	0.1771	0.0169	0.0151	0.0618	0.0147	0.0133	0.0171	0.013	0.2062	0.1059	0.0552	29
BE0013R	benzo_a_pyrene	pm10	ng/m^3	0.1241	0.0688	0.2099	0.0326	0.0298	0.049	0.0157	0.02	0.0249	0.0214	0.3834	0.1418	0.0837	29
BE0013R	benzo_ghi_perylene	pm10	ng/m^3	0.1173	0.0906	0.1642	0.0223	0.037	0.0433	0.0211	0.0207	0.0352	0.0417	0.496	0.1609	0.0905	29
BE0013R	chrysene	pm10	ng/m^3	0.0771	0.0449	0.1881	0.0272	0.0245	0.0494	0.03	0.0281	0.0503	0.0362	0.3286	0.1717	0.0809	29
BE0013R	fluoranthene	pm10	ng/m^3	0	0	0.0079	0.0528	0.0239	0.035	0.0313	0.013	0.0233	0.0165	0.0388	0.1302	0.0314	29
BE0013R	inden_123cd_pyrene	pm10	ng/m^3	0.1244	0.0322	0.0734	0.0178	0	0.018	0	0.0051	0.0057	0.0339	0.332	0.0652	0.0488	29
BE0013R	pyrene	pm10	ng/m^3	0.0574	0	0.0805	0.0301	0.0219	0.0266	0.0403	0.0427	0.0539	0.0404	0.0992	0.1401	0.0522	29
ES0008R	acenaphthene	pm10	ng/m3	0.09	0.1979	0.1296	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.1012	14
ES0008R	acenaphthylene	pm10	ng/m3	0.07	0.07	0.3939	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.0973	14
ES0008R	anthracene	pm10	ng/m3	0.012	0.01	0.0123	0.0275	0.012	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.0127	14
ES0008R	benz_a_anthracene	pm10	ng/m3	0.052	0.0524	0.0363	0.02	0.02	0.0375	0.02	0.02	0.02	0.02	0.02	0.02	0.0282	14
ES0008R	benzo_a_pyrene	pm10	ng/m3	0.024	0.02	0.02	0.02	0.02	0.02	0.14	0.112	0.296	0.194	0.084	0.115	0.089	14
ES0008R	benzo_ghi_perylene	pm10	ng/m3	0.086	0.0861	0.0468	0.06	0.058	0.0725	0.0333	0.02	0.038	0.0281	0.02	0.0375	0.049	14
ES0008R	benzo_k_fluoranthene	pm10	ng/m3	0.412	0.1063	0.2157	0.095	0.05	0.0625	0.05	0.02	0.06	0.0416	0.02	0.06	0.1037	14
ES0008R	chrysene	pm10	ng/m3	0.392	0.1937	0.2381	0.1375	0.182	0.2375	0.0967	0.022	0.078	0.0839	0.023	0.075	0.1492	14
ES0008R	dibenzo_ah_anthracene	pm10	ng/m3	0.036	0.02	0.02	0.025	0.02	0.025	0.02	0.02	0.02	0.02	0.02	0.02	0.0224	14
ES0008R	fluoranthene	pm10	ng/m3	0.276	0.1756	0.1442	0.0925	0.128	0.16	0.03	0.03	0.064	0.03	0.03	0.0675	0.1053	14
ES0008R	fluorene	pm10	ng/m3	0.02	0.02	0.1272	0.02	0.026	0.0275	0.02	0.02	0.02	0.02	0.02	0.02	0.0302	14
ES0008R	inden_123cd_pyrene	pm10	ng/m3	0.218	0.0982	0.1155	0.1	0.106	0.1275	0.0433	0.02	0.042	0.0362	0.02	0.0475	0.0831	14
ES0008R	naphthalene	pm10	ng/m3	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	14
ES0008R	phenanthrene	pm10	ng/m3	0.02	0.0254	0.034	0.02	0.022	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.0218	14
ES0008R	pyrene	pm10	ng/m3	0.134	0.1209	0.0936	0.0525	0.078	0.0925	0.04	0.04	0.052	0.04	0.04	0.055	0.0708	14
GB0036R	1-methylnaphthalene	air+aerosol	ng/m3	0.0295	0.0295	0.0295	-	-	-	-	-	-	-	-	-	0.0295	25
GB0036R	1-methylphenanthrene	air+aerosol	ng/m3	0.0523	0.0248	0.0313	-	-	-	-	-	-	-	-	-	0.0365	25
GB0036R	2-methylanthracene	air+aerosol	ng/m3	0.15	0.15	0.21	-	-	-	-	-	-	-	-	-	0.1707	25
GB0036R	2-methylnaphthalene	air+aerosol	ng/m3	0.075	0.075	0.075	-	-	-	-	-	-	-	-	-	0.075	25
GB0036R	2-methylphenanthrene	air+aerosol	ng/m3	0.214	0.223	0.272	-	-	-	-	-	-	-	-	-	0.2368	25
GB0036R	9-methylphenanthrene	air+aerosol	ng/m3	0.0024	0.0024	0.0024	-	-	-	-	-	-	-	-	-	0.0024	25
GB0036R	acenaphthene	air+aerosol	ng/m3	0.0083	0.033	0.0117	-	-	-	-	-	-	-	-	-	0.0172	25
GB0036R	acenaphthylene	air+aerosol	ng/m3	0.0058	0.0071	0.0045	-	-	-	-	-	-	-	-	-	0.0058	25
GB0036R	anthanthrene	aerosol	ng/m3	0.021	0.005	0	0.004	0.007	0.004	0.003	0.003	0.006	0.012	0.035	0.018	0.0098	100
GB0036R	anthanthrene	air+aerosol	ng/m3	0.0011	0.021	0.0246	-	-	-	-	-	-	-	-	-	0.0154	25
GB0036R	anthracene	air+aerosol	ng/m3	0.016	0.05	0.041	-	-	-	-	-	-	-	-	-	0.0352	25
GB0036R	benz_a_anthracene	aerosol	ng/m3	0.148	0.031	0.004	0.028	0.063	0.021	0.026	0.019	0.033	0.026	0.161	0.115	0.0564	100
GB0036R	benz_a_anthracene	air+aerosol	ng/m3	0.1417	0.0429	0.0874	-	-	-	-	-	-	-	-	-	0.0923	25
GB0036R	benzo_a_pyrene	aerosol	ng/m3	0.085	0.034	0.002	0.02	0.038	0.02	0.025	0.018	0.032	0.023	0.234	0.112	0.0535	100
GB0036R	benzo_a_pyrene	air+aerosol	ng/m3	0.0379	0.0294	0.0629	-	-	-	-	-	-	-	-	-	0.0439	25

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
GB0036R	benzo_b_fluoranthene	aerosol	ng/m3	0.384	0.156	0.013	0.101	0.175	0.079	0.08	0.061	0.154	0.144	0.335	0.287	0.1641	100
GB0036R	benzo_b_fluoranthene	air+aerosol	ng/m3	0.2106	0.1947	0.2585	-	-	-	-	-	-	-	-	-	0.2222	25
GB0036R	benzo_e_pyrene	aerosol	ng/m3	0.2	0.072	0.006	0.049	0.073	0.033	0.044	0.033	0.078	0.064	0.26	0.162	0.0895	100
GB0036R	benzo_e_pyrene	air+aerosol	ng/m3	0.118	0.0702	0.1207	-	-	-	-	-	-	-	-	-	0.1041	25
GB0036R	benzo_ghi_perylene	aerosol	ng/m3	0.133	0.06	0.004	0.039	0.062	0.028	0.022	0.019	0.036	0.042	0.271	0.145	0.0716	100
GB0036R	benzo_ghi_perylene	air+aerosol	ng/m3	0.0666	0.0698	0.0927	-	-	-	-	-	-	-	-	-	0.0766	25
GB0036R	benzo_k_fluoranthene	aerosol	ng/m3	0.165	0.052	0.004	0.04	0.071	0.03	0.033	0.023	0.067	0.058	0.207	0.121	0.0726	100
GB0036R	benzo_k_fluoranthene	air+aerosol	ng/m3	0.1208	0.0512	0.1034	-	-	-	-	-	-	-	-	-	0.0932	25
GB0036R	biphenyl	air+aerosol	ng/m3	0.02	0.0175	0.005	-	-	-	-	-	-	-	-	-	0.0141	25
GB0036R	chrysene	aerosol	ng/m3	0.247	0.06	0.005	0.072	0.086	0.047	0.063	0.045	0.083	0.084	0.254	0.209	0.1048	100
GB0036R	chrysene	air+aerosol	ng/m3	0.2454	0.0692	0.2653	-	-	-	-	-	-	-	-	-	0.1974	25
GB0036R	coronene	aerosol	ng/m3	0.046	0.02	0.002	0.022	0.039	0.017	0.012	0.009	0.028	0.016	0.087	0.041	0.0282	100
GB0036R	coronene	air+aerosol	ng/m3	0.0307	0.0403	0.0347	-	-	-	-	-	-	-	-	-	0.0351	25
GB0036R	cyclopenta_cd_pyrene	aerosol	ng/m3	0.017	0.01	0	0.006	0.009	0.005	0.008	0.004	0.009	0.002	0.04	0.041	0.0126	100
GB0036R	cyclopenta_cd_pyrene	air+aerosol	ng/m3	0.0038	0.0035	0.0738	-	-	-	-	-	-	-	-	-	0.0278	25
GB0036R	dibenzo_ae_pyrene	aerosol	ng/m3	0.032	0.012	0.001	0.008	0.05	0.013	0.004	0.003	0.017	0.006	0.069	0.025	0.02	100
GB0036R	dibenzo_ae_pyrene	air+aerosol	ng/m3	0.012	0.0201	0.0223	-	-	-	-	-	-	-	-	-	0.0181	25
GB0036R	dibenzo_ah_anthracene	aerosol	ng/m3	0.075	0.017	0.002	0.013	0.004	0.005	0.009	0.006	0.02	0.014	0.111	0.043	0.0265	100
GB0036R	dibenzo_ah_anthracene	air+aerosol	ng/m3	0.0377	0.0297	0.0341	-	-	-	-	-	-	-	-	-	0.034	25
GB0036R	dibenzo_ah_pyrene	aerosol	ng/m3	0.012	0.002	0.001	0.013	0.006	0.016	0.011	0.011	0.011	0.011	0.016	0.011	0.0101	100
GB0036R	dibenzo_ah_pyrene	air+aerosol	ng/m3	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	0.005	25
GB0036R	dibenzo_ai_pyrene	aerosol	ng/m3	0.044	0.007	0.002	0.012	0.011	0.004	0.01	0.01	0.021	0.003	0.079	0.021	0.0186	100
GB0036R	dibenzo_ai_pyrene	air+aerosol	ng/m3	0.0009	0.0009	0.0196	-	-	-	-	-	-	-	-	-	0.0074	25
GB0036R	fluoranthene	air+aerosol	ng/m3	0.584	0.276	0.438	-	-	-	-	-	-	-	-	-	0.4379	25
GB0036R	fluorene	air+aerosol	ng/m3	0.057	0.0305	0.091	-	-	-	-	-	-	-	-	-	0.0605	25
GB0036R	inden_123cd_pyrene	aerosol	ng/m3	0.14	0.057	0.004	0.057	0.135	0.07	0.045	0.035	0.098	0.066	0.281	0.195	0.0986	100
GB0036R	inden_123cd_pyrene	air+aerosol	ng/m3	0.1126	0.0603	0.1694	-	-	-	-	-	-	-	-	-	0.1159	25
GB0036R	perylene	aerosol	ng/m3	0.012	0.006	0	0.006	0.009	0.004	0.005	0.004	0.006	0.006	0.047	0.02	0.0104	100
GB0036R	perylene	air+aerosol	ng/m3	0.0041	0.0057	0.0107	-	-	-	-	-	-	-	-	-	0.0069	25
GB0036R	phenanthrene	air+aerosol	ng/m3	0.96	0.8	0.82	-	-	-	-	-	-	-	-	-	0.862	25
GB0036R	pyrene	air+aerosol	ng/m3	0.331	0.1285	0.2076	-	-	-	-	-	-	-	-	-	0.2255	25
GB0036R	retene	air+aerosol	ng/m3	0.137	0.0325	0.067	-	-	-	-	-	-	-	-	-	0.0804	25
GB0048R	1-methylnaphthalene	air+aerosol	ng/m3	0.0295	0.0295	0.0295	-	-	-	-	-	-	-	-	-	0.0295	25
GB0048R	1-methylphenanthrene	air+aerosol	ng/m3	0.0156	0.0203	0.0134	-	-	-	-	-	-	-	-	-	0.0163	25
GB0048R	2-methylanthracene	air+aerosol	ng/m3	0.15	0.15	0.13	-	-	-	-	-	-	-	-	-	0.1431	25
GB0048R	2-methylnaphthalene	air+aerosol	ng/m3	0.075	0.075	0.075	-	-	-	-	-	-	-	-	-	0.075	25

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
GB0048R	2-methylphenanthrene	air+aerosol	ng/m3	0.091	0.172	0.147	-	-	-	-	-	-	-	-	-	0.1355	25
GB0048R	9-methylphenanthrene	air+aerosol	ng/m3	0.0024	0.0024	0.0024	-	-	-	-	-	-	-	-	-	0.0024	25
GB0048R	acenaphthene	air+aerosol	ng/m3	0.0043	0.0302	0.0061	-	-	-	-	-	-	-	-	-	0.013	25
GB0048R	acenaphthylene	air+aerosol	ng/m3	0.0034	0.0087	0.0038	-	-	-	-	-	-	-	-	-	0.0052	25
GB0048R	anthanthrene	aerosol	ng/m3	0.014	0.005	0.012	0.003	0.001	0.003	0.002	0.002	0.003	0.001	0.011	0.005	0.0052	100
GB0048R	anthanthrene	air+aerosol	ng/m3	0.0161	0.0193	0.0103	-	-	-	-	-	-	-	-	-	0.0151	25
GB0048R	anthracene	air+aerosol	ng/m3	0.018	0.0115	0.013	-	-	-	-	-	-	-	-	-	0.0143	25
GB0048R	benz_a_anthracene	aerosol	ng/m3	0.086	0.033	0.089	0.02	0.01	0.011	0.009	0.009	0.024	0.014	0.063	0.039	0.034	100
GB0048R	benz_a_anthracene	air+aerosol	ng/m3	0.0345	0.051	0.0364	-	-	-	-	-	-	-	-	-	0.0403	25
GB0048R	benzo_a_pyrene	aerosol	ng/m3	0.055	0.03	0.033	0.019	0.009	0.012	0.005	0.009	0.023	0.014	0.068	0.038	0.0262	100
GB0048R	benzo_a_pyrene	air+aerosol	ng/m3	0.0262	0.0283	0.0241	-	-	-	-	-	-	-	-	-	0.0261	25
GB0048R	benzo_b_fluoranthene	aerosol	ng/m3	0.175	0.125	0.25	0.082	0.038	0.034	0.026	0.026	0.087	0.078	0.157	0.106	0.0985	100
GB0048R	benzo_b_fluoranthene	air+aerosol	ng/m3	0.0511	0.1376	0.1073	-	-	-	-	-	-	-	-	-	0.0974	25
GB0048R	benzo_e_pyrene	aerosol	ng/m3	0.098	0.06	0.098	0.039	0.024	0.017	0.011	0.015	0.042	0.039	0.109	0.064	0.0513	100
GB0048R	benzo_e_pyrene	air+aerosol	ng/m3	0.0441	0.0539	0.0505	-	-	-	-	-	-	-	-	-	0.0494	25
GB0048R	benzo_ghi_perylene	aerosol	ng/m3	0.09	0.052	0.066	0.03	0.019	0.017	0.011	0.011	0.026	0.028	0.102	0.058	0.0424	100
GB0048R	benzo_ghi_perylene	air+aerosol	ng/m3	0.0353	0.0569	0.0428	-	-	-	-	-	-	-	-	-	0.0446	25
GB0048R	benzo_k_fluoranthene	aerosol	ng/m3	0.079	0.048	0.081	0.032	0.016	0.016	0.014	0.013	0.035	0.035	0.069	0.045	0.0402	100
GB0048R	benzo_k_fluoranthene	air+aerosol	ng/m3	0.0432	0.0417	0.0519	-	-	-	-	-	-	-	-	-	0.0457	25
GB0048R	biphenyl	air+aerosol	ng/m3	0.02	0.027	0.02	-	-	-	-	-	-	-	-	-	0.0222	25
GB0048R	chrysene	aerosol	ng/m3	0.118	0.052	0.077	0.048	0.02	0.021	0.019	0.019	0.043	0.043	0.094	0.07	0.052	100
GB0048R	chrysene	air+aerosol	ng/m3	0.0576	0.0459	0.0893	-	-	-	-	-	-	-	-	-	0.0649	25
GB0048R	coronene	aerosol	ng/m3	0.028	0.013	0.032	0.011	0.007	0.012	0.004	0.006	0.011	0.011	0.04	0.018	0.0161	100
GB0048R	coronene	air+aerosol	ng/m3	0.0098	0.0403	0.0153	-	-	-	-	-	-	-	-	-	0.0212	25
GB0048R	cyclopenta_cd_pyrene	aerosol	ng/m3	0.019	0.013	0.002	0.008	0.002	0.002	0.002	0.002	0.002	0.001	0.013	0.016	0.0068	100
GB0048R	cyclopenta_cd_pyrene	air+aerosol	ng/m3	0.007	0.0061	0.046	-	-	-	-	-	-	-	-	-	0.0202	25
GB0048R	dibenzo_ae_pyrene	aerosol	ng/m3	0.016	0.011	0.019	0.004	0.007	0.011	0.009	0.002	0.004	0.005	0.023	0.008	0.0099	100
GB0048R	dibenzo_ae_pyrene	air+aerosol	ng/m3	0.0126	0.0178	0.0068	-	-	-	-	-	-	-	-	-	0.0122	25
GB0048R	dibenzo_ah_anthracene	aerosol	ng/m3	0.033	0.014	0.031	0.01	0.004	0.008	0.007	0.004	0.003	0.01	0.036	0.014	0.0145	100
GB0048R	dibenzo_ah_anthracene	air+aerosol	ng/m3	0.0113	0.0188	0.0137	-	-	-	-	-	-	-	-	-	0.0145	25
GB0048R	dibenzo_ah_pyrene	aerosol	ng/m3	0.011	0.003	0.012	0.012	0.004	0.01	0.011	0.011	0.011	0.003	0.007	0.011	0.0089	100
GB0048R	dibenzo_ah_pyrene	air+aerosol	ng/m3	0.005	0.005	0.005	-	-	-	-	-	-	-	-	-	0.005	25
GB0048R	dibenzo_ai_pyrene	aerosol	ng/m3	0.013	0.006	0.011	0.005	0.01	0.003	0.01	0.01	0.01	0.003	0.033	0.01	0.0103	100
GB0048R	dibenzo_ai_pyrene	air+aerosol	ng/m3	0.0009	0.0009	0.005	-	-	-	-	-	-	-	-	-	0.0023	25
GB0048R	fluoranthene	air+aerosol	ng/m3	0.196	0.16	0.179	-	-	-	-	-	-	-	-	-	0.1789	25
GB0048R	fluorene	air+aerosol	ng/m3	0.006	0.027	0.015	-	-	-	-	-	-	-	-	-	0.0156	25
GB0048R	inden_123cd_pyrene	aerosol	ng/m3	0.07	0.046	0.05	0.045	0.034	0.037	0.014	0.021	0.025	0.041	0.112	0.071	0.0471	100
GB0048R	inden_123cd_pyrene	air+aerosol	ng/m3	0.0414	0.0363	0.0701	-	-	-	-	-	-	-	-	-	0.0497	25
GB0048R	perylene	aerosol	ng/m3	0.01	0.006	0.004	0.004	0.002	0.003	0.001	0.002	0.004	0.003	0.012	0.007	0.0048	100

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
GB0048R	perylene	air+aerosol	ng/m3	0.0048	0.0055	0.0043	-	-	-	-	-	-	-	-	-	0.0048	25

GB0048R	phenanthrene	air+aerosol	ng/m3	0.46	0.61	0.35	-	-	-	-	-	-	-	-	-	0.4688	25
GB0048R	pyrene	air+aerosol	ng/m3	0.0972	0.0741	0.0891	-	-	-	-	-	-	-	-	-	0.0872	25
GB0048R	retene	air+aerosol	ng/m3	0.0235	0.0205	0.0045	-	-	-	-	-	-	-	-	-	0.016	25
NL0091R	benz_a_anthracene	pm10	ng/m3	0.0901	0.0594	0.0312	0.0187	0.0102	0.0101	0.0082	0.0098	0.0157	0.028	0.1412	0.2028	0.0526	49
NL0091R	benzo_a_pyrene	pm10	ng/m3	0.1515	0.1097	0.057	0.0273	0.0111	0.0096	0.0131	0.013	0.0183	0.0448	0.2514	0.2282	0.0785	49
NL0091R	benzo_bjk_fluoranthenes	pm10	ng/m3	0.4839	0.4136	0.25	0.1993	0.0536	0.0478	0.0415	0.0618	0.0693	0.1963	0.8224	0.8814	0.2948	49
NL0091R	benzo_ghi_perylene	pm10	ng/m3	0.2203	0.1771	0.0906	0.0743	0.0211	0.0188	0.0156	0.0204	0.0251	0.0791	0.3248	0.2874	0.1135	49
NL0091R	chrysene	pm10	ng/m3	0.2372	0.1858	0.1108	0.0683	0.0261	0.0229	0.0193	0.0238	0.0324	0.0658	0.2712	0.3784	0.1211	49
NL0091R	dibenzo_ah_anthracene	pm10	ng/m3	0.0348	0.0262	0.0226	0.014	0.0055	0.0053	0.0036	0.0048	0.0047	0.0125	0.0532	0.0538	0.0202	49
NL0091R	inden_123cd_pyrene	pm10	ng/m3	0.2694	0.2056	0.1174	0.081	0.0231	0.0203	0.0165	0.0223	0.0273	0.0768	0.3276	0.3136	0.126	49
NO0002R	1-methylnaphthalene	air+aerosol	ng/m3	0.2726	0.1307	0.1166	0.1896	0.0513	0.0428	0.045	0.0428	0.0421	0.0539	0.1302	0.0779	0.0994	15
NO0002R	1-methylphenanthrene	air+aerosol	ng/m3	0.2344	0.3478	0.0934	0.0783	0.041	0.0277	0.0567	0.0228	0.0327	0.133	0.0724	0.0932	0.0946	15
NO0002R	2-methylanthracene	air+aerosol	ng/m3	0.0196	0.0571	0.005	0.0078	0.0101	0.0134	0.0134	0.0077	0.0041	0.0145	0.0097	0.0105	0.0132	15
NO0002R	2-methylnaphthalene	air+aerosol	ng/m3	0.3443	0.1644	0.1372	0.2472	0.0802	0.0668	0.0819	0.0644	0.0633	0.0775	0.1643	0.0955	0.1323	15
NO0002R	2-methylphenanthrene	air+aerosol	ng/m3	0.2838	0.3695	0.1281	0.1018	0.0719	0.041	0.1005	0.0283	0.0377	0.1092	0.0807	0.0958	0.112	15
NO0002R	3-methylphenanthrene	air+aerosol	ng/m3	0.2167	0.3095	0.0978	0.0754	0.0597	0.0364	0.1027	0.0302	0.0332	0.0875	0.0742	0.0818	0.0934	15
NO0002R	9-methylphenanthrene	air+aerosol	ng/m3	0.0879	0.2072	0.052	0.029	0.0224	0.0163	0.0523	0.0147	0.015	0.0373	0.0282	0.0349	0.0445	15
NO0002R	a_HBCD	air+aerosol	pg/m3	0.1779	0.877	0.0247	0.0252	0.0371	0.0133	0.0153	0.016	0.014	0.1333	0.1268	0.3099	0.1289	22
NO0002R	acenaphthene	air+aerosol	ng/m3	0.1102	0.0869	0.0578	0.0764	0.0704	0.0637	0.0579	0.0755	0.0734	0.0653	0.1316	0.087	0.079	15
NO0002R	acenaphthylene	air+aerosol	ng/m3	0.0614	0.1149	0.0291	0.0308	0.0114	0.0264	0.0098	0.0098	0.0103	0.0186	0.0474	0.051	0.0326	15
NO0002R	alpha_HCH	air+aerosol	ng/m3	3.2592	2.8897	3.1496	3.4231	4.8	4.4422	4.8858	5.8453	7.6957	5.1333	5.2805	2.9218	4.5024	14
NO0002R	anthanthrene	air+aerosol	ng/m3	0.0044	0.0667	0.0134	0.0022	0.0028	0.0044	0.0025	0.0022	0.0016	0.0026	0.0027	0.0087	0.0078	15
NO0002R	anthracene	air+aerosol	ng/m3	0.0424	0.0959	0.0242	0.018	0.009	0.0204	0.0132	0.0082	0.0111	0.0384	0.0261	0.0374	0.0269	15
NO0002R	b_HBCD	air+aerosol	ng/m3	0.0198	0.2032	0.022	0.0231	0.0227	0.026	0.0356	0.0328	0.0377	0.2467	0.6382	0.4712	0.1371	26
NO0002R	BDE_100	air+aerosol	pg/m3	0.0134	0.0391	0.0088	0.0161	0.0153	0.0116	0.0131	0.0098	0.0079	0.0072	0.0112	0.0069	0.0118	28
NO0002R	BDE_119	air+aerosol	pg/m3	0.0034	0.0057	0.0073	0.0039	0.0017	0.0017	0.0017	0.0017	0.0017	0.0018	0.002	0.0016	0.0027	28
NO0002R	BDE_138	air+aerosol	pg/m3	0.0092	0.0469	0.0177	0.0104	0.0061	0.0061	0.0062	0.0062	0.0061	0.0061	0.0074	0.006	0.0088	28
NO0002R	BDE_153	air+aerosol	pg/m3	0.0131	0.0282	0.0271	0.0081	0.0132	0.0043	0.0047	0.0044	0.0049	0.0073	0.01	0.0078	0.0098	28
NO0002R	BDE_154	air+aerosol	pg/m3	0.0124	0.0316	0.0281	0.0064	0.0095	0.0044	0.0047	0.004	0.0051	0.0082	0.0079	0.0059	0.0092	27
NO0002R	BDE_183	air+aerosol	pg/m3	0.0236	0.0714	0.1022	0.0132	0.0223	0.0065	0.0053	0.0073	0.0074	0.0231	0.0127	0.0103	0.0228	26
NO0002R	BDE_196	air+aerosol	pg/m3	0.0505	0.246	0.0698	0.061	0.0162	0.0148	0.0149	0.0149	0.0148	0.0176	0.0191	0.011	0.0332	26
NO0002R	BDE_206	air+aerosol	pg/m3	0.0563	0.258	0.1213	0.0467	0.0214	0.0206	0.0253	0.0277	0.0189	0.0326	0.0357	0.0164	0.0439	25
NO0002R	BDE_209	air+aerosol	pg/m3	0.3577	0.552	0.6332	0.4118	0.3055	0.3118	0.4661	0.5187	0.306	0.3901	2.9887	0.2278	0.6135	26
NO0002R	BDE_28	air+aerosol	pg/m3	0.0113	0.0231	0.0168	0.0142	0.0524	0.0153	0.0126	0.0096	0.0085	0.0082	0.0089	0.0068	0.0154	26
NO0002R	BDE_47	air+aerosol	pg/m3	0.1034	0.209	0.1112	0.1778	0.4321	0.2663	0.151	0.1006	0.0592	0.0496	0.0767	0.0497	0.1478	27
NO0002R	BDE_49	air+aerosol	pg/m3	0.0092	0.02	0.0133	0.0156	0.0396	0.0186	0.0155	0.0079	0.008	0.0075	0.0076	0.0053	0.0139	26

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0002R	BDE_66	air+aerosol	pg/m3	0.0096	-	0.0079	0.0114	0.0245	0.0157	0.0133	0.0058	0.0067	0.0063	0.0058	0.0038	0.0102	25
NO0002R	BDE_71	air+aerosol	pg/m3	0.0053	0.0055	0.005	0.0046	0.0102	0.0041	0.0042	0.0042	0.0041	0.0041	0.005	0.0041	0.005	27
NO0002R	BDE_77	air+aerosol	pg/m3	0.0023	0.002	0.0028	0.0018	0.0021	0.0013	0.0012	0.0011	0.001	0.0012	0.0015	0.0012	0.0016	26

NO0002R	BDE_85	air+aerosol	pg/m3	0.0033	0.002	0.0182	0.0067	0.0032	0.0018	0.0019	0.0019	0.0021	0.0022	0.0027	0.0024	0.0042	28
NO0002R	BDE_99	air+aerosol	pg/m3	0.0659	0.116	0.0695	0.0445	0.0839	0.0444	0.049	0.0332	0.0331	0.0287	0.053	0.0339	0.0505	28
NO0002R	benz_a_anthracene	air+aerosol	ng/m3	0.2119	0.583	0.1041	0.0092	0.0057	0.004	0.0042	0.0021	0.0032	0.0187	0.0135	0.0522	0.0699	14
NO0002R	benzo_a_fluoranthene	air+aerosol	ng/m3	0.0472	0.1508	0.0252	0.0023	0.0024	0.0028	0.0026	0.002	0.0013	0.003	0.0037	0.0134	0.0171	15
NO0002R	benzo_a_fluorene	air+aerosol	ng/m3	0.0849	0.211	0.0338	0.0086	0.0042	0.0037	0.003	0.002	0.0036	0.0163	0.0109	0.0278	0.0284	15
NO0002R	benzo_a_pyrene	air+aerosol	ng/m3	0.1228	0.5053	0.0955	0.0101	0.0071	0.004	0.0055	0.0024	0.0066	0.0134	0.0113	0.0565	0.0561	15
NO0002R	benzo_b_fluoranthene	air+aerosol	ng/m3	0.4119	0.8796	0.1881	0.0267	0.0258	0.0151	0.0202	0.0092	0.0375	0.0492	0.0796	0.1127	0.1292	15
NO0002R	benzo_b_fluorene	air+aerosol	ng/m3	0.0411	0.1121	0.0155	0.0058	0.0037	0.0036	0.0032	0.0017	0.0022	0.0084	0.0054	0.0132	0.015	15
NO0002R	benzo_e_pyrene	air+aerosol	ng/m3	0.2088	0.4458	0.0907	0.0175	0.027	0.0131	0.0129	0.0065	0.0233	0.0382	0.0479	0.0749	0.0715	15
NO0002R	benzo_ghi_fluoranthene	air+aerosol	ng/m3	0.223	0.4992	0.1034	0.0191	0.0174	0.008	0.0103	0.0065	0.021	0.0336	0.0441	0.0776	0.0747	15
NO0002R	benzo_ghi_perylene	air+aerosol	ng/m3	-	-	-	-	0.003	0.0025	0.004	-	-	-	-	-	0.003	1
NO0002R	benzo_k_fluoranthene	air+aerosol	ng/m3	0.1695	0.3864	0.0771	0.0107	0.0095	0.0065	0.0071	0.0053	0.0099	0.018	0.0207	0.042	0.0524	15
NO0002R	biphenyl	air+aerosol	ng/m3	0.8544	0.5504	0.476	0.7682	0.1301	0.0683	0.0502	0.0616	0.0758	0.1526	0.3587	0.2724	0.318	15
NO0002R	chrysene	air+aerosol	ng/m3	0.418	0.8594	0.152	0.05	0.0371	0.0195	0.0189	0.0114	0.0311	0.065	0.0711	0.129	0.1316	15
NO0002R	cis_CD	air+aerosol	pg/m3	0.3415	0.3876	0.42	0.3667	0.474	0.3802	0.5981	0.501	0.466	0.4755	0.3211	0.3404	0.4219	14
NO0002R	cis_NO	air+aerosol	pg/m3	0.0223	0.027	0.0299	0.0324	0.045	0.0524	0.0781	0.0653	0.0504	0.0537	0.0232	0.0185	0.042	14
NO0002R	coronene	air+aerosol	ng/m3	0.1067	0.2118	0.0521	0.0087	0.0081	0.005	0.0048	0.0028	0.0076	0.0161	0.0179	0.0334	0.0336	15
NO0002R	cyclopenta_cd_pyrene	air+aerosol	ng/m3	-	-	0.0027	0.0023	0.0035	0.0036	0.0029	0.0024	0.0023	0.003	0.0023	0.0026	0.0028	6
NO0002R	dibenzo_ae_pyrene	air+aerosol	ng/m3	0.0292	0.0883	0.004	0.0041	0.0057	0.0076	0.0042	0.0037	0.0046	0.0053	0.0066	0.0097	0.0121	15
NO0002R	dibenzo_ah_anthracene	air+aerosol	ng/m3	0.0471	0.1357	0.0249	0.0028	0.0046	0.0038	0.0024	0.002	0.0017	0.0033	0.0034	0.0086	0.0123	14
NO0002R	dibenzo_ah_pyrene	air+aerosol	ng/m3	0.0044	0.0088	0.0045	0.0035	0.0082	0.0124	0.005	0.0037	0.0022	0.0034	0.0033	0.0036	0.0051	15
NO0002R	dibenzo_ai_pyrene	air+aerosol	ng/m3	0.0051	0.0263	0.0047	0.0035	0.0077	0.0122	0.0048	0.0037	0.002	0.0034	0.0033	0.0043	0.0062	15
NO0002R	dibenzofuran	air+aerosol	ng/m3	3.3757	2.1047	2.3034	3.5123	0.5501	0.3592	0.2353	0.2897	0.4099	0.7611	1.3912	1.1131	1.3782	15
NO0002R	dibenzothiophene	air+aerosol	ng/m3	0.021	0.0178	0.0244	0.028	0.0296	0.0291	0.0419	0.0223	0.0177	0.0326	0.0158	0.02	0.0253	14
NO0002R	fluoranthene	air+aerosol	ng/m3	0.9889	0.3873	0.4859	0.362	0.1043	0.0661	0.1314	0.0718	0.1112	0.2816	0.2704	0.3881	0.2994	15
NO0002R	fluorene	air+aerosol	ng/m3	2.751	1.316	1.472	2.9405	0.3993	0.3041	0.2541	0.2717	0.391	0.6221	0.9743	0.8222	1.0696	15
NO0002R	FTS_6-2	air+aerosol	pg/m3	0.3807	0.2877	0.4948	0.4086	1.6787	1.389	1.3967	1.2647	0.8813	0.7873	0.555	0.7677	0.8524	11
NO0002R	g_HBCD	air+aerosol	pg/m3	0.1429	0.1984	0.0167	0.0322	0.0165	0.0117	0.0255	0.024	0.021	0.148	0.3092	0.6359	0.1199	25
NO0002R	gamma_HCH	air+aerosol	pg/m3	1.8163	2.3403	2.1391	1.5201	3.1367	2.8608	4.9889	4.0633	2.5755	4.8717	2.4642	0.734	2.7831	14
NO0002R	HCB	air+aerosol	pg/m3	65.4953	85.777	73.5733	47.9624	42.0241	38.1736	27.6882	34.2178	42.0511	46.2041	64.8925	64.7822	51.4684	14
NO0002R	inden_123cd_pyrene	air+aerosol	ng/m3	0.2597	0.594	0.116	0.0155	0.0114	0.0045	0.0082	0.0041	0.0164	0.028	0.0339	0.0665	0.0794	15
NO0002R	naphthalene	air+aerosol	ng/m3	0.8199	0.3158	0.3593	0.5998	0.0945	0.0889	0.1286	0.0899	0.0884	0.1253	0.3614	0.2356	0.2787	15
NO0002R	op_DDD	air+aerosol	pg/m3	0.0359	0.0679	0.0343	0.0185	0.0327	0.019	0.0485	0.0484	0.0223	0.0403	0.0368	0.0256	0.0342	13
NO0002R	op_DDE	air+aerosol	pg/m3	0.104	0.1655	0.1028	0.0482	0.0563	0.0403	0.0712	0.0632	0.051	0.0967	0.2613	0.0812	0.0894	13
NO0002R	op_DDT	air+aerosol	pg/m3	0.136	-	0.2168	0.1637	0.3008	0.1753	0.4257	0.2838	0.3066	0.2996	0.451	0.1347	0.2688	12
NO0002R	PCB_101	air+aerosol	pg/m3	0.63	0.8352	0.6158	0.4911	0.5499	0.4286	1.0401	0.4881	0.4905	0.5373	0.5353	0.2516	0.5565	14

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0002R	PCB_105	air+aerosol	pg/m3	0.0476	0.0657	0.0648	0.0363	0.0375	0.0306	0.0774	0.0382	0.0415	0.0388	0.0418	0.0267	0.044	14
NO0002R	PCB_114	air+aerosol	pg/m3	0.0138	0.0124	0.015	0.0046	0.0045	0.0034	0.008	0.0047	0.0049	0.0043	0.0052	0.0033	0.0069	13
NO0002R	PCB_118	air+aerosol	pg/m3	0.6736	0.684	0.6787	0.6743	0.6747	0.6838	0.6846	0.6885	0.6818	0.6789	0.6696	0.6712	0.678	14
NO0002R	PCB_122	air+aerosol	pg/m3	0.0128	0.012	0.0148	0.0027	0.0027	0.0027	0.0032	0.0028	0.0027	0.0027	0.0027	0.0027	0.005	14
NO0002R	PCB_123	air+aerosol	pg/m3	0.0154	0.013	0.0155	0.003	0.003	0.003	0.0048	0.003	0.0034	0.0072	0.0056	0.0047	0.0065	14

NO0002R	PCB_128	air+aerosol	pg/m3	0.0189	0.0399	0.0277	0.0231	0.0255	0.0203	0.0612	0.0295	0.0277	0.0254	0.0248	0.015	0.0273	14
NO0002R	PCB_138	air+aerosol	pg/m3	0.7935	0.8056	0.7997	0.7943	0.795	0.8055	0.8065	0.8115	0.803	0.7999	0.7888	0.7908	0.7988	14
NO0002R	PCB_141	air+aerosol	pg/m3	0.0424	0.074	0.049	0.0517	0.0556	0.0435	0.1382	0.0557	0.0516	0.0498	0.051	0.0177	0.0549	14
NO0002R	PCB_149	air+aerosol	pg/m3	0.4662	0.5175	0.4253	0.4326	0.4716	0.4535	0.8535	0.4609	0.431	0.4332	0.4065	0.4056	0.4742	14
NO0002R	PCB_153	air+aerosol	pg/m3	0.4904	0.532	0.4948	0.4877	0.499	0.4943	0.7692	0.5057	0.4928	0.4908	0.4844	0.4854	0.5157	14
NO0002R	PCB_156	air+aerosol	pg/m3	0.0122	0.0138	0.019	0.0089	0.0082	0.0064	0.0196	0.0106	0.0087	0.0082	0.0104	0.0048	0.0102	14
NO0002R	PCB_157	air+aerosol	pg/m3	0.0047	0.0034	0.0041	0.0019	0.0018	0.0018	0.0031	0.0021	0.0021	0.0019	0.0021	0.0018	0.0025	14
NO0002R	PCB_167	air+aerosol	pg/m3	0.0059	0.0052	0.0085	0.005	0.0046	0.0036	0.011	0.0061	0.005	0.005	0.005	0.0026	0.0056	14
NO0002R	PCB_170	air+aerosol	pg/m3	0.0154	0.0273	0.019	0.0201	0.0201	0.0153	0.0523	0.0236	0.0204	0.0196	0.0259	0.0078	0.0215	14
NO0002R	PCB_18	air+aerosol	pg/m3	2.1091	3.4097	2.34	1.1536	0.9764	0.7708	1.1722	0.6846	1.1044	1.3575	2.4828	0.822	1.4358	14
NO0002R	PCB_180	air+aerosol	pg/m3	0.065	0.092	0.0615	0.065	0.0695	0.0512	0.164	0.0765	0.0643	0.0623	0.0799	0.0264	0.0711	14
NO0002R	PCB_183	air+aerosol	pg/m3	0.022	0.0357	0.0176	0.0232	0.0256	0.0206	0.065	0.0279	0.0255	0.0238	0.0259	0.0102	0.0264	14
NO0002R	PCB_187	air+aerosol	pg/m3	0.092	0.1221	0.0465	0.0712	0.0781	0.0615	0.17	0.0806	0.0721	0.0773	0.0695	0.0302	0.078	14
NO0002R	PCB_189	air+aerosol	pg/m3	0.0094	0.0089	0.007	0.0017	0.0017	0.0018	0.0021	0.0018	0.0018	0.0018	0.0017	0.0017	0.0032	14
NO0002R	PCB_194	air+aerosol	pg/m3	0.0078	0.0056	0.007	0.0053	0.0048	0.0028	0.0073	0.0055	0.0042	0.0043	0.0088	0.0021	0.0055	14
NO0002R	PCB_206	air+aerosol	pg/m3	0.0063	0.0048	0.007	0.0022	0.0026	0.0021	0.003	0.0024	0.0022	0.0022	0.0031	0.002	0.0032	14
NO0002R	PCB_209	air+aerosol	pg/m3	0.0072	0.007	0.0088	0.0067	0.0067	0.0068	0.0068	0.0068	0.0068	0.0067	0.0067	0.0067	0.007	14
NO0002R	PCB_28	air+aerosol	pg/m3	1.1945	2.1843	1.3682	0.7966	0.7357	0.5449	1.1543	0.6438	0.7998	0.8988	1.4376	0.4428	0.9548	14
NO0002R	PCB_31	air+aerosol	pg/m3	1.0979	1.9698	1.2506	0.7454	0.6625	0.5037	1.0253	0.5774	0.7066	0.8048	1.2845	0.4026	0.8644	14
NO0002R	PCB_33	air+aerosol	pg/m3	0.7239	1.446	0.8741	0.4067	0.3579	0.2768	0.572	0.3294	0.3843	0.4527	0.7869	0.2378	0.5262	14
NO0002R	PCB_37	air+aerosol	pg/m3	0.1111	0.2014	0.1139	0.0613	0.0637	0.0463	0.108	0.0556	0.0514	0.0801	0.1241	0.0321	0.0814	14
NO0002R	PCB_47	air+aerosol	pg/m3	0.7149	0.8672	0.7612	1.0118	1.5154	1.3446	3.0013	1.2888	1.137	0.9725	0.742	0.3254	1.1193	14
NO0002R	PCB_52	air+aerosol	pg/m3	1.1105	1.5592	1.0624	0.7656	0.8642	0.6794	1.4224	0.697	0.8028	0.9157	1.1019	0.4574	0.9186	14
NO0002R	PCB_66	air+aerosol	pg/m3	0.2849	0.3909	0.276	0.2125	0.2056	0.1595	0.3666	0.1662	0.1925	0.251	0.3018	0.1073	0.2352	14
NO0002R	PCB_74	air+aerosol	pg/m3	0.1768	0.2369	0.1762	0.1396	0.1276	0.0922	0.2289	0.0908	0.1221	0.1497	0.1945	0.0669	0.1459	14
NO0002R	PCB_99	air+aerosol	pg/m3	0.2524	0.3256	0.249	0.1732	0.1718	0.13	0.3241	0.1394	0.1602	0.1935	0.2023	0.0857	0.1938	14
NO0002R	perylene	air+aerosol	ng/m3	0.0132	0.0647	0.0125	0.0025	0.0022	0.0024	0.0021	0.002	0.002	0.0028	0.0029	0.0092	0.0082	15
NO0002R	PFBA	air+aerosol	pg/m3	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	13
NO0002R	PFBS	air+aerosol	pg/m3	0.0887	0.0933	0.1445	0.1039	0.2735	0.2413	0.2143	0.1707	0.2252	0.2028	0.1813	0.205	0.1827	13
NO0002R	PFDcA	air+aerosol	pg/m3	0.3152	0.3334	0.229	0.1793	0.49	0.1694	0.187	3.1871	0.1577	0.1473	0.121	0.1566	0.4218	11
NO0002R	PFDcS	air+aerosol	pg/m3	0.073	0.0497	0.089	0.059	0.1883	0.138	0.1403	0.1067	0.0822	0.0903	0.068	0.0869	0.0964	11
NO0002R	PFHpA	air+aerosol	pg/m3	0.142	0.1425	0.5212	0.3635	0.7105	0.5441	0.3708	0.2443	0.238	0.2123	0.225	0.2817	0.3363	13
NO0002R	PFHxA	air+aerosol	pg/m3	0.162	0.1372	0.2344	0.1801	0.5075	0.6426	0.419	0.2437	0.3262	0.2809	0.2077	0.2469	0.3024	13
NO0002R	PFHxS	air+aerosol	pg/m3	0.101	0.0538	0.0996	0.128	0.2135	0.211	0.1764	0.0993	0.1107	0.0988	0.0873	0.1238	0.1268	13

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0002R	PFNA	air+aerosol	pg/m3	0.1442	0.1136	0.2432	0.1319	0.2848	0.5587	0.3488	0.159	0.1665	0.2268	0.1331	0.1846	0.226	13
NO0002R	PFOA	air+aerosol	pg/m3	0.2774	0.3877	0.2245	0.2559	0.4288	0.4129	0.4782	0.3207	0.2019	0.3659	0.2124	0.2651	0.3176	13
NO0002R	PFOS	air+aerosol	pg/m3	0.214	0.1472	0.1409	0.05	0.2347	0.163	0.1564	0.1163	0.1155	0.1198	0.085	0.1306	0.1387	11
NO0002R	PFOSA	air+aerosol	pg/m3	0.1037	0.0905	-	0.1005	0.246	-	0.7072	0.161	0.1952	0.1614	0.155	0.1835	0.1927	8
NO0002R	PFUnA	air+aerosol	ng/m3	0.076	0.074	0.1075	0.079	0.31	-	0.3264	0.1455	0.1613	0.6212	0.1333	0.1677	0.2119	10
NO0002R	phenanthrene	air+aerosol	pg/m3	1.1952	1.3325	1.6197	1.6046	0.8102	0.6239	0.7434	0.5555	0.6612	1.1971	1.4219	1.2936	1.08	14
NO0002R	pp_DDD	air+aerosol	pg/m3	0.1714	0.3672	0.2176	0.157	0.3459	0.2397	0.5819	0.3766	0.3303	0.343	0.3354	0.1016	0.2929	14

NO0002R	pp_DDE	air+aerosol	pg/m3	1.3394	2.3657	1.3996	0.5999	0.7962	0.447	0.9029	0.9098	0.7975	1.9359	4.6573	0.7743	1.3635	14
NO0002R	pp_DDT	air+aerosol	pg/m3	0.033	0.0931	0.0245	0.0167	0.0402	0.0231	0.0373	0.0607	0.0176	0.0399	0.0438	0.0191	0.0343	13
NO0002R	pyrene	air+aerosol	ng/m3	0.4303	0.1479	0.2346	0.0867	0.0494	0.0299	0.0776	0.0271	0.0449	0.1578	0.1325	0.2475	0.1378	15
NO0002R	retene	air+aerosol	ng/m3	0.1124	0.166	0.0591	0.0275	0.023	0.0204	0.0311	0.0226	0.0581	0.3285	0.0527	0.0734	0.0763	15
NO0002R	sum_DDT	air+aerosol	pg/m3	1.8768	3.3407	1.9957	1.0042	1.5734	0.9444	2.0651	1.7424	1.5253	2.7553	5.75	1.1415	2.0768	14
NO0002R	sum_heptachlor_PCB	air+aerosol	pg/m3	0.1857	0.2683	0.1447	0.1826	0.2085	0.166	0.4524	0.2096	0.1943	0.1886	0.2096	0.1192	0.2054	14
NO0002R	sum_hexachlor_PCB	air+aerosol	pg/m3	2.1228	2.1581	2.1375	2.1267	2.1275	2.155	2.7617	2.1725	2.1475	2.139	2.1106	2.116	2.185	14
NO0002R	sum_PCB	air+aerosol	pg/m3	13.1252	19.4483	14.0942	10.993	10.6418	9.0652	15.7457	8.8354	10.2205	11.2238	14.9332	7.4248	11.7813	14
NO0002R	sum_pentachlor_PCB	air+aerosol	pg/m3	1.4564	1.6291	1.5574	1.4583	1.465	1.4775	1.9853	1.49	1.4725	1.4684	1.4811	1.452	1.523	14
NO0002R	sum_tetrachlor_PCB	air+aerosol	pg/m3	2.3394	3.0575	2.2753	2.7428	3.0853	2.4718	5.4012	2.406	2.4351	2.5732	2.702	1.1129	2.6697	14
NO0002R	sum_trichlor_PCB	air+aerosol	pg/m3	6.9997	12.3179	7.9565	4.4684	3.7414	2.7835	5.128	2.8782	3.958	4.8413	8.4113	2.6139	5.1641	14
NO0002R	TBA	air+aerosol	pg/m3	5.9345	1.79	2.9664	2.1864	2.4694	1.8001	1.324	2.488	2.7635	5.819	6.4283	4.7132	3.4485	27
NO0002R	trans_CD	air+aerosol	pg/m3	0.2217	0.279	0.2611	0.191	0.1733	0.1253	0.2056	0.1539	0.1537	0.2101	0.1885	0.198	0.1936	14
NO0002R	trans_NO	air+aerosol	pg/m3	0.4037	0.4315	0.4324	0.3514	0.4531	0.3442	0.5748	0.4762	0.3975	0.4794	0.3285	0.3232	0.4147	13
NO0042G	1-methylnaphthalene	air+aerosol	ng/m3	0.1547	0.2402	0.0701	0.0451	0.0219	0.0478	0.0421	0.1107	0.0413	0.0237	0.0557	0.4424	0.1273	32
NO0042G	1-methylphenanthrene	air+aerosol	ng/m3	0.0022	0.0172	0.0035	0.0045	0.0032	0.0059	0.0088	0.005	0.0034	0.0025	0.0032	0.0155	0.0065	31
NO0042G	2-methylanthracene	air+aerosol	ng/m3	0.0021	0.0075	0.0023	0.0047	0.004	0.0061	0.0055	0.0038	0.0044	0.0025	0.0048	0.0043	0.0045	29
NO0042G	2-methylnaphthalene	air+aerosol	ng/m3	0.2126	0.3507	0.1054	0.0816	0.0336	0.0867	0.0907	0.2207	0.1067	0.0404	0.086	0.5103	0.1798	32
NO0042G	2-methylphenanthrene	air+aerosol	ng/m3	0.0035	0.0259	0.0051	0.0044	0.005	0.0064	0.0125	0.0079	0.0046	0.003	0.0031	0.0171	0.0082	31
NO0042G	3-methylphenanthrene	air+aerosol	ng/m3	0.0027	0.0185	0.0042	0.0049	0.0046	0.0062	0.0124	0.0074	0.0042	0.0031	0.0032	0.0138	0.0071	31
NO0042G	9-methylphenanthrene	air+aerosol	ng/m3	0.0025	0.01	0.0029	0.0038	0.0036	0.005	0.0086	0.0059	0.0035	0.0025	0.0023	0.0069	0.0047	31
NO0042G	a_HBCD	air+aerosol	pg/m3	0.0235	0.0542	0.0173	0.0144	0.0101	0.0136	0.0131	-	0.9486	0.2121	0.2093	0.2886	0.1545	34
NO0042G	acenaphthene	air+aerosol	ng/m3	0.0141	0.0224	0.008	0.0095	0.0052	0.0129	0.0128	0.0098	0.0074	0.011	0.0096	0.0209	0.0122	31
NO0042G	acenaphthylene	air+aerosol	ng/m3	0.0083	0.008	0.0061	0.0064	0.0052	0.0073	0.0066	0.0054	0.0054	0.0054	0.005	0.0094	0.0066	31
NO0042G	alpha_HCH	air+aerosol	pg/m3	3.2639	2.9129	4.042	4.9415	5.0814	3.8024	5.2563	6.7087	6.6329	8.0128	5.9279	3.6195	4.9395	29
NO0042G	anthanthrene	air+aerosol	ng/m3	0.0018	0.0017	0.0011	0.0014	0.001	0.0015	0.001	0.001	0.001	0.001	0.001	0.0018	0.0013	31
NO0042G	anthracene	air+aerosol	ng/m3	0.0032	0.005	0.0046	0.0077	0.0048	0.0057	0.0041	0.0039	0.0078	0.0025	0.0026	0.0048	0.0047	31
NO0042G	b_HBCD	air+aerosol	pg/m3	0.0228	0.0356	0.0295	0.0287	0.0151	0.0137	0.0314	0.0202	0.1629	0.4544	1.2711	1.1563	0.3103	36
NO0042G	BDE_100	air+aerosol	pg/m3	0.0219	0.0258	0.0093	0.0089	0.0052	0.0358	0.0483	0.011	0.0059	0.0092	0.0225	0.005	0.0178	39
NO0042G	BDE_119	air+aerosol	pg/m3	0.0039	0.0032	0.0041	0.0016	0.0015	0.0015	0.0018	0.0015	0.0015	0.0018	0.0015	0.0013	0.002	39
NO0042G	BDE_138	air+aerosol	pg/m3	0.0116	0.0087	0.0063	0.0055	0.0056	0.0057	0.0056	0.0057	0.0057	0.0057	0.0055	0.0049	0.0062	39

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0042G	BDE_153	air+aerosol	pg/m3	0.0099	0.0075	0.0054	0.0041	0.004	0.0041	0.004	0.0041	0.0042	0.0046	0.0039	0.0035	0.0048	39
NO0042G	BDE_154	air+aerosol	pg/m3	0.007	0.0052	0.0036	0.0026	0.0028	0.0027	0.0035	0.0032	0.0027	0.0031	0.0029	0.0023	0.0033	39
NO0042G	BDE_183	air+aerosol	pg/m3	0.0054	0.0043	0.0066	0.0046	0.0041	0.0043	0.0042	0.0042	0.0041	0.0042	0.0041	0.0039	0.0044	40
NO0042G	BDE_196	air+aerosol	pg/m3	0.0277	0.0202	0.0396	0.0215	0.0135	0.0138	0.0141	0.0152	0.0135	0.0142	0.0133	0.0118	0.0174	40
NO0042G	BDE_206	air+aerosol	pg/m3	0.0248	0.0172	0.0338	0.0485	0.0174	0.018	0.0222	0.0381	0.0466	0.0296	0.0171	0.0152	0.0272	39
NO0042G	BDE_209	air+aerosol	pg/m3	0.5144	0.3428	0.2806	0.7998	0.282	0.287	0.4109	0.4132	0.603	0.6078	0.2775	0.2465	0.4266	40
NO0042G	BDE_28	air+aerosol	pg/m3	0.0153	0.0208	0.0105	0.01	0.0063	0.0145	0.0207	0.007	0.006	0.006	0.0167	0.0051	0.0115	40
NO0042G	BDE_47	air+aerosol	pg/m3	0.5259	0.8871	0.2111	0.3006	0.1652	1.0561	1.6867	0.1684	0.106	0.1196	0.7811	0.0824	0.5178	40
NO0042G	BDE_49	air+aerosol	pg/m3	0.0168	0.0282	0.0095	0.0096	0.0071	0.0259	0.0464	0.0078	0.0056	0.0051	0.0244	0.0051	0.0161	40

NO0042G	BDE_66	air+aerosol	pg/m3	0.0081	0.0159	0.0046	0.0059	0.0041	0.02	0.0292	0.0065	0.0034	0.0037	0.0142	0.0038	0.0102	38
NO0042G	BDE_71	air+aerosol	pg/m3	0.0051	0.0041	0.0038	0.0035	0.0038	0.0039	0.0056	0.0038	0.0038	0.0038	0.0029	0.0033	0.0039	40
NO0042G	BDE_77	air+aerosol	pg/m3	0.0024	0.0022	0.0011	0.001	0.001	0.001	0.0015	0.0011	0.001	0.0012	0.001	0.001	0.0013	40
NO0042G	BDE_85	air+aerosol	pg/m3	0.0039	0.0032	0.0048	0.0019	0.0017	0.0017	0.0019	0.0017	0.0017	0.0021	0.0017	0.0015	0.0022	39
NO0042G	BDE_99	air+aerosol	pg/m3	0.0367	0.0465	0.0218	0.0229	0.0143	0.066	0.0722	0.0284	0.0199	0.0261	0.0355	0.0132	0.0341	39
NO0042G	benz_a_anthracene	air+aerosol	ng/m3	0.0015	0.0181	0.005	0.0064	0.0013	0.0017	0.001	0.001	0.001	0.001	0.001	0.0143	0.0046	31
NO0042G	benzo_a_fluoranthene	air+aerosol	ng/m3	0.001	0.0032	0.0013	0.0012	0.001	0.0015	0.0014	0.001	0.0015	0.0016	0.0012	0.0033	0.0016	31
NO0042G	benzo_a_fluorene	air+aerosol	ng/m3	0.0013	0.007	0.0012	0.0012	0.001	0.0012	0.0014	0.0013	0.001	0.001	0.001	0.0077	0.0024	31
NO0042G	benzo_a_pyrene	air+aerosol	ng/m3	0.001	0.0079	0.0017	0.0012	0.001	0.0015	0.0014	0.001	0.0015	0.0016	0.0012	0.014	0.0035	31
NO0042G	benzo_b_fluoranthene	air+aerosol	ng/m3	0.0033	0.0236	0.0054	0.0029	0.0027	0.003	0.0029	0.0029	0.003	0.0029	0.0032	0.0424	0.0099	31
NO0042G	benzo_b_fluorene	air+aerosol	ng/m3	0.0012	0.0033	0.0011	0.0012	0.0013	0.0015	0.0016	0.0013	0.001	0.001	0.001	0.0038	0.0017	31
NO0042G	benzo_e_pyrene	air+aerosol	ng/m3	0.0018	0.0142	0.0031	0.0011	0.0011	0.0014	0.0012	0.0011	0.0015	0.0013	0.002	0.0235	0.0054	31
NO0042G	benzo_ghi_fluoranthene	air+aerosol	ng/m3	0.0015	0.0144	0.0052	0.0013	0.0012	0.0012	0.001	0.0013	0.0014	0.001	0.0015	0.0202	0.005	31
NO0042G	benzo_ghi_perylene	air+aerosol	ng/m3	0.0021	-	0.0011	0.0012	0.001	0.0015	0.0015	0.001	0.001	0.001	0.0012	-	0.0013	18
NO0042G	benzo_k_fluoranthene	air+aerosol	ng/m3	0.003	0.0101	0.0035	0.0029	0.0027	0.003	0.0029	0.0029	0.003	0.0029	0.0025	0.016	0.0051	31
NO0042G	biphenyl	air+aerosol	ng/m3	0.68	1.4516	0.7817	0.1372	0.0244	0.0333	0.0368	0.0415	0.0523	0.1332	0.3345	1.3326	0.4708	32
NO0042G	chrysene	air+aerosol	ng/m3	0.0025	0.0352	0.0043	0.0014	0.0013	0.0016	0.0021	0.0011	0.0011	0.0011	0.003	0.0371	0.0088	31
NO0042G	cis_CD	air+aerosol	ng/m3	0.3924	0.3291	0.3686	0.4004	0.3152	0.2817	0.2721	0.276	0.3592	0.3301	0.4856	0.3428	0.3614	29
NO0042G	cis_NO	air+aerosol	ng/m3	0.0192	0.0271	0.0226	0.0256	0.0436	0.0475	0.0479	0.0417	0.0593	0.0513	0.034	0.0182	0.0347	29
NO0042G	coronene	air+aerosol	ng/m3	0.0026	0.0066	0.0043	0.0016	0.0012	0.0018	0.0011	0.0012	0.0012	0.001	0.001	0.0098	0.003	31
NO0042G	cyclopenta_cd_pyrene	air+aerosol	ng/m3	0.0017	0.0013	0.0013	0.0014	0.0012	0.0017	0.0016	0.0013	0.0013	0.0013	0.0012	0.0013	0.0014	26
NO0042G	dibenzo_ae_pyrene	air+aerosol	ng/m3	0.0039	0.0033	0.0018	0.0024	0.0015	0.0023	0.0019	0.0013	0.0012	0.001	0.0012	0.0034	0.0021	31
NO0042G	dibenzo_ah_anthracene	air+aerosol	ng/m3	0.0018	0.0018	0.001	0.0014	0.001	0.0015	0.0016	0.001	0.001	0.001	0.001	0.0025	0.0014	31
NO0042G	dibenzo_ah_pyrene	air+aerosol	ng/m3	0.0034	0.0033	0.0024	0.0028	0.0015	0.0032	0.0019	0.0015	0.0014	0.0015	0.0014	0.0018	0.0021	31
NO0042G	dibenzo_ai_pyrene	air+aerosol	ng/m3	0.0041	0.0037	0.0027	0.0028	0.0015	0.003	0.0019	0.0015	0.0014	0.0015	0.0012	0.0018	0.0021	31
NO0042G	dibenzofuran	air+aerosol	ng/m3	0.8152	4.3959	1.0862	0.2274	0.0448	0.0314	0.0321	0.0442	0.0964	0.1646	0.5474	1.5273	0.6853	30
NO0042G	dibenzothiophene	air+aerosol	ng/m3	0.0082	0.007	0.0069	0.0031	0.0021	0.0032	0.0034	0.0019	0.0015	0.001	0.0029	0.0158	0.0054	31
NO0042G	fluoranthene	air+aerosol	ng/m3	0.0143	0.1968	0.0189	0.0052	0.0048	0.0053	0.0064	0.0074	0.0056	0.0052	0.0121	0.16	0.0403	31
NO0042G	fluorene	air+aerosol	ng/m3	0.3462	2.4456	0.2349	0.0266	0.0217	0.0181	0.0215	0.0232	0.0278	0.0391	0.1726	0.8183	0.3273	31
NO0042G	FTS_6-2	air+aerosol	pg/m3	0.143	0.237	-	0.3139	0.888	0.4136	0.4697	0.3074	0.3933	0.2738	0.2979	0.252	0.3338	17

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0042G	g_HBCD	air+aerosol	pg/m3	0.0331	0.0522	0.0179	0.0115	0.0105	0.0157	0.019	0.0165	0.1345	0.5537	0.3966	0.7109	0.1876	35
NO0042G	gamma_HCH	air+aerosol	pg/m3	0.6078	1.0964	0.757	0.8341	0.7521	0.481	0.6916	0.6319	0.9617	0.7677	0.8583	0.4675	0.7421	29
NO0042G	HCB	air+aerosol	pg/m3	71.7207	66.9091	82.5397	88.6309	88.778	85.9412	85.0235	88.355	101.1431	95.8404	81.8487	75.3039	83.4298	30
NO0042G	inden_123cd_pyrene	air+aerosol	ng/m3	0.0015	0.0136	0.0026	0.0012	0.001	0.0015	0.001	0.001	0.001	0.001	0.0013	0.0206	0.0047	31
NO0042G	naphthalene	air+aerosol	ng/m3	1.2786	1.1789	0.4492	0.2529	0.066	0.2853	0.5033	0.4853	1.4357	0.4912	0.6864	2.3169	0.8942	32
NO0042G	op_DDD	air+aerosol	pg/m3	0.0208	0.0281	0.0088	0.0093	0.011	0.0113	0.0102	0.0084	0.0084	0.0083	0.0143	0.0323	0.015	26
NO0042G	op_DDE	air+aerosol	pg/m3	0.0955	0.105	0.0722	0.0498	0.0214	0.0163	0.0137	0.0113	0.0119	0.0166	0.0499	0.0758	0.0489	26
NO0042G	op_DDT	air+aerosol	pg/m3	0.1234	0.196	0.1233	0.0883	0.0462	0.0153	0.0275	0.0241	0.0372	0.0442	0.1091	0.0961	0.0772	26
NO0042G	PCB_101	air+aerosol	pg/m3	0.2795	0.3531	0.3479	0.277	0.2272	0.1533	0.2152	0.1922	0.1954	0.1654	0.213	0.276	0.2443	30
NO0042G	PCB_105	air+aerosol	pg/m3	0.0227	0.0283	0.0275	0.0208	0.0157	0.0157	0.0166	0.0162	0.0153	0.0151	0.017	0.0354	0.0211	30
NO0042G	PCB_114	air+aerosol	pg/m3	0.0103	0.012	0.0024	0.0023	0.0021	0.002	0.002	0.0022	0.0019	0.0019	0.0022	0.0035	0.0037	30

NO0042G	PCB_118	air+aerosol	pg/m3	0.365	0.376	0.3888	0.3724	0.3598	0.3949	0.3868	0.3859	0.3842	0.3806	0.3151	0.327	0.363	30
NO0042G	PCB_122	air+aerosol	pg/m3	0.0098	0.0111	0.0019	0.0015	0.0014	0.0016	0.0016	0.0015	0.0015	0.0015	0.0013	0.0015	0.0029	30
NO0042G	PCB_123	air+aerosol	pg/m3	0.0106	0.012	0.0023	0.0017	0.0016	0.0017	0.0017	0.0017	0.0022	0.0017	0.0014	0.0022	0.0032	30
NO0042G	PCB_128	air+aerosol	pg/m3	0.0153	0.0108	0.0123	0.0095	0.0086	0.0089	0.0087	0.0094	0.0088	0.0085	0.0083	0.0138	0.0104	30
NO0042G	PCB_138	air+aerosol	pg/m3	0.4264	0.443	0.4581	0.4384	0.4243	0.4656	0.4561	0.4553	0.453	0.4487	0.3711	0.3854	0.4275	30
NO0042G	PCB_141	air+aerosol	pg/m3	0.0089	0.0159	0.0161	0.0139	0.0115	0.0067	0.0102	0.0097	0.0105	0.0083	0.0138	0.0171	0.0125	29
NO0042G	PCB_149	air+aerosol	pg/m3	0.2267	0.2431	0.235	0.2251	0.2175	0.2387	0.2338	0.2333	0.2324	0.2301	0.1904	0.1978	0.2211	30
NO0042G	PCB_153	air+aerosol	pg/m3	0.2687	0.272	0.2811	0.2694	0.2601	0.2856	0.2801	0.2793	0.2782	0.2755	0.2281	0.2365	0.263	30
NO0042G	PCB_156	air+aerosol	pg/m3	0.0081	0.0057	0.0045	0.0029	0.0028	0.0028	0.0029	0.0037	0.0028	0.0027	0.0026	0.0061	0.004	28
NO0042G	PCB_157	air+aerosol	pg/m3	0.0041	0.0042	0.0012	0.001	0.001	0.0011	0.001	0.0012	0.001	0.001	0.001	0.0017	0.0016	27
NO0042G	PCB_167	air+aerosol	pg/m3	0.0052	0.0044	0.0017	0.0016	0.0014	0.0016	0.0015	0.002	0.0015	0.0015	0.0015	0.0026	0.0022	30
NO0042G	PCB_170	air+aerosol	pg/m3	0.0091	0.0096	0.0026	0.0037	0.0042	0.0027	0.0045	0.0072	0.0033	0.0027	0.0044	0.0061	0.0051	29
NO0042G	PCB_18	air+aerosol	pg/m3	1.852	2.0821	2.1522	1.842	2.6557	1.9668	3.2405	2.713	1.7959	1.1213	1.5623	1.8534	2.0457	30
NO0042G	PCB_180	air+aerosol	pg/m3	0.0153	0.0193	0.0195	0.0135	0.013	0.0071	0.0121	0.0226	0.011	0.0072	0.0156	0.0184	0.0148	30
NO0042G	PCB_183	air+aerosol	pg/m3	0.0059	0.0105	0.0068	0.0066	0.0061	0.0028	0.0046	0.0071	0.0055	0.0044	0.0074	0.0074	0.0065	30
NO0042G	PCB_187	air+aerosol	pg/m3	0.0246	0.0521	0.0288	0.0216	0.0182	0.0094	0.0129	0.022	0.0165	0.0113	0.0242	0.0222	0.0218	30
NO0042G	PCB_189	air+aerosol	pg/m3	0.0063	0.0067	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0018	30
NO0042G	PCB_194	air+aerosol	pg/m3	0.0058	0.0062	0.0011	0.001	0.0013	0.0011	0.0018	0.0031	0.0011	0.0011	0.0013	0.0015	0.0021	29
NO0042G	PCB_206	air+aerosol	pg/m3	0.0048	0.0058	0.0014	0.0012	0.0012	0.0012	0.0012	0.0016	0.0013	0.0011	0.0012	0.0012	0.0019	29
NO0042G	PCB_209	air+aerosol	pg/m3	0.0046	0.0057	0.004	0.0046	0.0036	0.0039	0.0039	0.0038	0.0038	0.0038	0.0033	0.004	0.004	30
NO0042G	PCB_28	air+aerosol	pg/m3	1.0584	1.3143	1.3582	1.2703	1.9244	1.5032	2.4931	1.9847	1.3809	0.8309	0.9021	1.0892	1.3856	30
NO0042G	PCB_31	air+aerosol	pg/m3	0.968	1.2045	1.233	1.1776	1.7841	1.396	2.2829	1.8978	1.2895	0.7317	0.8498	1.0311	1.2855	30
NO0042G	PCB_33	air+aerosol	pg/m3	0.7224	0.8859	0.9133	0.8303	1.4298	1.0775	1.8143	1.4301	1.0126	0.5453	0.5892	0.7268	0.9659	30
NO0042G	PCB_37	air+aerosol	pg/m3	0.0949	0.1132	0.1179	0.0963	0.1814	0.1347	0.2176	0.1688	0.1212	0.072	0.0677	0.0941	0.119	30
NO0042G	PCB_47	air+aerosol	pg/m3	0.2776	0.361	0.3779	0.3126	0.3736	0.2315	0.3664	0.314	0.2551	0.1655	0.2245	0.2803	0.2935	30
NO0042G	PCB_52	air+aerosol	pg/m3	0.632	0.7688	0.8314	0.6854	0.7518	0.5202	0.7981	0.6743	0.5597	0.424	0.5275	0.6489	0.6506	30
NO0042G	PCB_66	air+aerosol	pg/m3	0.1203	0.1911	0.1975	0.1504	0.1524	0.0951	0.1491	0.1236	0.1222	0.0984	0.1134	0.1617	0.1405	30
NO0042G	PCB_74	air+aerosol	pg/m3	0.1012	0.1244	0.1316	0.1076	0.1022	0.0621	0.0997	0.0844	0.0779	0.0643	0.0759	0.1043	0.095	30
NO0042G	PCB_99	air+aerosol	pg/m3	0.1206	0.1575	0.155	0.1195	0.0802	0.049	0.0671	0.0673	0.0656	0.0667	0.0881	0.1268	0.0992	30
Site	**Comp**	**Matrix**	**Unit**	**Jan**	**Febr**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**	**Year**	**capture**
NO0042G	perylene	air+aerosol	ng/m3	0.0011	0.0016	0.0011	0.0014	0.001	0.0013	0.0011	0.001	0.0016	0.0012	0.0016	0.0023	0.0014	31
NO0042G	PFBA	air+aerosol	pg/m3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	73.6131	0.01	0.01	10.3376	20
NO0042G	PFBS	air+aerosol	pg/m3	0.0315	0.059	0.185	0.0894	0.09	0.1236	0.1167	0.0819	0.1028	0.0707	0.087	0.0604	0.0883	19
NO0042G	PFDcA	air+aerosol	pg/m3	0.0725	0.072	-	0.08	0.113	0.1326	0.072	0.1745	0.1468	0.0788	0.0884	0.1201	0.1104	17
NO0042G	PFDcS	air+aerosol	pg/m3	0.0225	0.042	-	0.0304	0.106	0.0408	0.0505	0.0326	0.0467	0.0312	0.0399	0.0262	0.0383	17
NO0042G	PFHpA	air+aerosol	pg/m3	0.052	0.08	0.1346	0.5255	0.18	0.2143	0.4609	0.2047	0.1428	0.2075	0.1134	0.1127	0.2184	22
NO0042G	PFHxA	air+aerosol	pg/m3	0.0545	0.088	0.106	0.2359	0.195	0.2059	0.1372	0.1533	0.1492	0.3218	0.0952	0.0656	0.1571	20
NO0042G	PFHxS	air+aerosol	pg/m3	0.028	0.038	0.044	0.0395	0.093	0.2084	0.0752	0.0496	0.0502	0.0442	0.0338	0.0333	0.0645	19
NO0042G	PFNA	air+aerosol	pg/m3	0.0812	0.06	0.1088	0.1919	0.2084	0.2223	0.1764	0.1821	0.1027	0.0948	0.1342	0.0662	0.138	23
NO0042G	PFOA	air+aerosol	pg/m3	0.1007	0.063	0.1538	0.2429	0.4134	0.3123	0.2948	0.2465	0.2245	0.1635	0.2512	0.1225	0.2217	22
NO0042G	PFOS	air+aerosol	pg/m3	0.0382	0.047	-	0.061	0.099	0.0538	0.069	0.0702	0.0787	0.0602	0.0373	0.0472	0.0585	17
NO0042G	PFOSA	air+aerosol	pg/m3	0.1156	0.066	-	-	-	0.4949	0.4238	0.2395	0.1716	0.0839	0.0618	0.0689	0.1613	15
NO0042G	PFUnA	air+aerosol	pg/m3	0.033	0.053	-	-	-	0.1283	0.1312	0.083	0.1058	0.0617	0.1274	0.121	0.0997	15
NO0042G	phenanthrene	air+aerosol	ng/m3	0.0467	0.504	0.0615	0.0159	0.0266	0.0222	0.041	0.0362	0.0245	0.0186	0.0246	0.276	0.091	31
NO0042G	pp_DDD	air+aerosol	pg/m3	0.0663	0.1622	0.0546	0.0279	0.0246	0.0172	0.0273	0.0171	0.0179	0.0207	0.0712	0.0802	0.0539	28
NO0042G	pp_DDE	air+aerosol	pg/m3	0.7146	1.1214	0.4355	0.152	0.0933	0.0449	0.0611	0.0476	0.067	0.0988	0.425	0.5032	0.3571	28

NO0042G	pp_DDT	air+aerosol	pg/m3	0.024	0.0251	0.0093	0.0097	0.0151	0.0117	0.0121	0.0092	0.0092	0.0091	0.0151	0.0263	0.015	25
NO0042G	pyrene	air+aerosol	ng/m3	0.007	0.0404	0.0117	0.0062	0.0059	0.0065	0.0071	0.0069	0.0066	0.0064	0.0061	0.0721	0.0179	31
NO0042G	retene	air+aerosol	ng/m3	0.003	0.0073	0.0032	0.0029	0.0028	0.0033	0.0044	0.0042	0.003	0.003	0.0036	0.0102	0.0046	31
NO0042G	sum_DDT	air+aerosol	pg/m3	1.061	1.6231	0.7043	0.3229	0.2061	0.1232	0.1597	0.1177	0.1422	0.1977	0.6802	0.8221	0.5584	30
NO0042G	sum_heptachlor_PCB	air+aerosol	pg/m3	0.0709	0.0887	0.069	0.0661	0.0639	0.0701	0.0687	0.0732	0.0683	0.0676	0.0611	0.0613	0.0679	30
NO0042G	sum_hexachlor_PCB	air+aerosol	pg/m3	1.1553	1.1849	1.226	1.1735	1.1363	1.2456	1.2213	1.2198	1.2141	1.2004	0.9937	1.0304	1.1455	30
NO0042G	sum_PCB	air+aerosol	pg/m3	9.4569	11.4496	11.7226	10.7426	14.314	11.3842	17.3611	14.3134	11.0506	7.5373	8.1161	9.604	11.1962	30
NO0042G	sum_pentachlor_PCB	air+aerosol	pg/m3	0.8175	0.839	0.8468	0.8054	0.7792	0.8545	0.8371	0.8362	0.832	0.8243	0.682	0.7472	0.7951	30
NO0042G	sum_tetrachlor_PCB	air+aerosol	pg/m3	1.1271	1.6129	1.7384	1.5216	1.565	1.0188	1.593	1.3312	1.1511	0.8549	1.0948	1.3793	1.336	30
NO0042G	sum_trichlor_PCB	air+aerosol	pg/m3	6.2709	7.7064	7.8359	7.1692	10.7636	8.1889	13.6342	10.8445	7.779	4.5842	5.2787	6.3791	7.8437	30
NO0042G	TBA	air+aerosol	pg/m3	4.7993	4.1172	1.9447	1.1895	1.1682	4.5256	7.0204	8.8747	7.7507	7.2612	9.9152	4.5955	5.3717	38
NO0042G	trans_CD	air+aerosol	pg/m3	0.222	0.1881	0.2079	0.1616	0.0865	0.0505	0.0512	0.0308	0.0669	0.0816	0.2122	0.1796	0.1476	28
NO0042G	trans_NO	air+aerosol	pg/m3	0.3421	0.3205	0.337	0.3872	0.3054	0.2305	0.2582	0.216	0.2996	0.2797	0.4201	0.3093	0.3252	29
NO0090R	alpha_HCH	air+aerosol	pg/m3	3.5824	3.3559	3.1863	3.6247	3.03	3.5045	2.848	3.6184	5.4025	5.2326	4.0152	3.41	3.7271	39
NO0090R	BDE_100	air+aerosol	pg/m3	0.0046	0.0062	0.005	0.0042	0.0086	0.0042	0.004	0.0041	0.0038	0.0039	0.0045	0.0042	0.0049	36
NO0090R	BDE_119	air+aerosol	pg/m3	0.0012	0.0015	0.0023	0.0012	0.0013	0.0012	0.0012	0.0013	0.0012	0.0012	0.0012	0.0013	0.0013	36
NO0090R	BDE_138	air+aerosol	pg/m3	0.0043	0.0044	0.0067	0.0045	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0048	0.0045	36
NO0090R	BDE_153	air+aerosol	pg/m3	0.0036	0.0056	0.0057	0.0032	0.0033	0.003	0.0031	0.0031	0.003	0.0038	0.0036	0.0034	0.0036	36
NO0090R	BDE_154	air+aerosol	pg/m3	0.0033	0.0053	0.0048	0.0021	0.0024	0.002	0.002	0.0026	0.002	0.0033	0.0031	0.0028	0.0029	36
NO0090R	BDE_183	air+aerosol	pg/m3	0.0037	0.0156	0.006	0.0033	0.0038	0.0032	0.0032	0.006	0.0032	0.0083	0.0078	0.006	0.0059	37
NO0090R	BDE_196	air+aerosol	pg/m3	0.0229	0.0106	0.0207	0.0156	0.011	0.008	0.0105	0.0105	0.0104	0.0098	0.0064	0.012	0.0115	35

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0090R	BDE_206	air+aerosol	pg/m3	0.0177	0.0132	0.0164	0.0199	0.0141	0.0103	0.014	0.0134	0.0149	0.0362	0.0081	0.0173	0.0159	32
NO0090R	BDE_209	air+aerosol	pg/m3	0.2313	0.2546	0.3267	0.506	0.246	0.1667	0.4126	0.2178	0.4002	0.3233	0.1321	0.4006	0.2761	36
NO0090R	BDE_28	air+aerosol	pg/m3	0.0068	0.0083	0.0058	0.0039	0.0122	0.0068	0.0053	0.0057	0.0035	0.0059	0.0086	0.0119	0.0072	40
NO0090R	BDE_47	air+aerosol	pg/m3	0.041	0.054	0.0334	0.0229	0.1121	0.0452	0.0395	0.0428	0.0273	0.0304	0.0365	0.0341	0.0464	40
NO0090R	BDE_49	air+aerosol	pg/m3	0.0114	0.0309	0.0043	0.002	0.0071	0.004	0.0069	0.0059	0.0026	0.0033	0.0042	0.0046	0.0076	38
NO0090R	BDE_66	air+aerosol	pg/m3	0.0185	0.0417	0.0077	0.0044	0.0051	0.0021	0.0021	0.005	0.009	0.0125	0.0092	0.009	0.0106	39
NO0090R	BDE_71	air+aerosol	pg/m3	0.0103	0.0299	0.0033	0.0017	0.0044	0.0029	0.0029	0.0029	0.0029	0.0065	0.0029	0.0033	0.0062	40
NO0090R	BDE_77	air+aerosol	pg/m3	0.0017	0.0013	0.0014	0.0006	0.001	0.001	0.001	0.0012	0.001	0.0011	0.001	0.001	0.0011	40
NO0090R	BDE_85	air+aerosol	pg/m3	0.0013	0.002	0.0025	0.0013	0.0014	0.0013	0.0013	0.0014	0.0013	0.0013	0.0013	0.0014	0.0015	37
NO0090R	BDE_99	air+aerosol	pg/m3	0.0231	0.0263	0.0158	0.0129	0.0261	0.0136	0.0166	0.0145	0.0103	0.0133	0.0166	0.013	0.0167	37
NO0090R	FTS_6-2	air+aerosol	pg/m3	0.3277	0.2393	0.6219	0.5646	0.3792	0.4993	0.5133	0.3998	0.3541	0.394	0.391	0.3421	0.413	20
NO0090R	gamma_HCH	air+aerosol	pg/m3	1.0812	1.409	0.8205	1.0118	0.6142	0.6221	1.7791	1.1047	0.7679	1.3591	0.8741	0.5616	0.9954	39
NO0090R	HCB	air+aerosol	pg/m3	38.7789	63.4624	35.4757	32.1461	28.5249	25.0198	12.7064	12.8291	21.3267	31.0414	36.5311	39.5777	30.7949	40
NO0090R	op_DDD	air+aerosol	pg/m3	0.0329	0.0243	0.0163	0.011	0.007	0.0145	0.0168	0.0139	0.0112	0.0187	0.0461	0.0332	0.0212	34
NO0090R	op_DDE	air+aerosol	pg/m3	0.1292	0.1208	0.0846	0.0484	0.0191	0.016	0.0226	0.0172	0.0161	0.0336	0.0847	0.0851	0.0552	38

NO0090R	op_DDT	air+aerosol	pg/m3	0.2111	0.2101	0.1483	0.1071	0.0516	0.0253	0.0993	0.086	0.0428	0.1337	0.1683	0.1137	0.1175	35
NO0090R	PCB_101	air+aerosol	pg/m3	0.3519	0.445	0.3304	0.2757	0.2194	0.1065	0.3343	0.2422	0.1497	0.3172	0.2808	0.2523	0.2752	39
NO0090R	PCB_105	air+aerosol	pg/m3	0.0274	0.0367	0.0244	0.0176	0.0146	0.0127	0.0201	0.0173	0.0117	0.0224	0.019	0.0161	0.0199	39
NO0090R	PCB_114	air+aerosol	pg/m3	0.0056	0.0029	0.0038	0.0021	0.0019	0.0012	0.0024	0.002	0.0014	0.0025	0.0025	0.0025	0.0026	36
NO0090R	PCB_118	air+aerosol	pg/m3	0.2373	0.2405	0.245	0.2519	0.2611	0.2396	0.243	0.2424	0.2408	0.2402	0.2393	0.2709	0.2456	39
NO0090R	PCB_122	air+aerosol	pg/m3	0.0053	0.0029	0.0026	0.001	0.0011	0.001	0.0015	0.001	0.001	0.001	0.0014	0.0011	0.0018	39
NO0090R	PCB_123	air+aerosol	pg/m3	0.006	0.0064	0.0029	0.0012	0.0012	0.0012	0.0018	0.0012	0.0011	0.0015	0.0013	0.0016	0.0024	35
NO0090R	PCB_128	air+aerosol	pg/m3	0.0131	0.0166	0.0117	0.0098	0.008	0.0074	0.0119	0.0119	0.0073	0.0123	0.0108	0.01	0.0108	39
NO0090R	PCB_138	air+aerosol	pg/m3	0.2799	0.2833	0.2889	0.297	0.3076	0.2831	0.2862	0.2858	0.2838	0.2832	0.2821	0.3193	0.2894	39
NO0090R	PCB_141	air+aerosol	pg/m3	0.0227	0.0362	0.0219	0.0172	0.0148	0.0069	0.0374	0.024	0.0105	0.0258	0.0206	0.0187	0.0213	38
NO0090R	PCB_149	air+aerosol	pg/m3	0.2009	0.2548	0.1981	0.1731	0.1604	0.1447	0.2673	0.2051	0.1473	0.1933	0.1751	0.164	0.1914	39
NO0090R	PCB_153	air+aerosol	pg/m3	0.2018	0.2426	0.1993	0.182	0.189	0.1737	0.2066	0.1899	0.1745	0.1865	0.1851	0.1963	0.1943	39
NO0090R	PCB_156	air+aerosol	pg/m3	0.0041	0.0077	0.0069	0.0027	0.0025	0.0022	0.0031	0.0033	0.0023	0.0039	0.0035	0.0044	0.0038	39
NO0090R	PCB_157	air+aerosol	pg/m3	0.0016	0.0016	0.0017	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0012	39
NO0090R	PCB_167	air+aerosol	pg/m3	0.0016	0.0032	0.0046	0.0016	0.0013	0.0012	0.0019	0.0019	0.0013	0.0024	0.0021	0.0014	0.002	39
NO0090R	PCB_170	air+aerosol	pg/m3	0.0036	0.0141	0.0081	0.007	0.0052	0.0037	0.0072	0.008	0.005	0.0077	0.0075	0.0052	0.0067	37
NO0090R	PCB_18	air+aerosol	pg/m3	1.6367	1.9399	1.4125	0.8872	0.5899	0.3333	0.3256	0.2982	0.3863	0.8895	0.6956	0.9665	0.8331	40
NO0090R	PCB_180	air+aerosol	pg/m3	0.0206	0.0437	0.0305	0.0191	0.0152	0.0115	0.0401	0.0269	0.0164	0.0272	0.0264	0.015	0.0243	39
NO0090R	PCB_183	air+aerosol	pg/m3	0.0096	0.0163	0.0147	0.0107	0.0072	0.0053	0.0139	0.0133	0.0066	0.0118	0.0118	0.0096	0.0108	39
NO0090R	PCB_187	air+aerosol	pg/m3	0.0404	0.0525	0.0503	0.0361	0.0238	0.0159	0.0582	0.0373	0.021	0.0349	0.0385	0.0298	0.036	39
NO0090R	PCB_189	air+aerosol	pg/m3	0.0023	0.002	0.0033	0.001	0.001	0.001	0.0013	0.001	0.001	0.001	0.001	0.001	0.0014	39
NO0090R	PCB_194	air+aerosol	pg/m3	0.0026	0.0017	0.002	0.0014	0.0012	0.001	0.0018	0.0014	0.0015	0.0014	0.0017	0.0013	0.0016	39
NO0090R	PCB_206	air+aerosol	pg/m3	0.0026	0.0019	0.0018	0.0011	0.001	0.001	0.0017	0.0011	0.001	0.0011	0.0012	0.001	0.0014	37
NO0090R	PCB_209	air+aerosol	pg/m3	0.0028	0.0057	0.0024	0.0025	0.0026	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0027	0.0028	40

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
NO0090R	PCB_28	air+aerosol	pg/m3	0.9058	1.0733	0.6999	0.5389	0.3814	0.2519	0.3868	0.2971	0.244	0.5882	0.5282	0.5345	0.524	40
NO0090R	PCB_31	air+aerosol	pg/m3	0.8033	0.9719	0.6764	0.5156	0.3633	0.2402	0.3531	0.2872	0.2245	0.527	0.4785	0.4887	0.4828	40
NO0090R	PCB_33	air+aerosol	pg/m3	0.5183	0.6489	0.3915	0.2814	0.1969	0.1359	0.1984	0.152	0.1162	0.3081	0.274	0.2967	0.2862	40
NO0090R	PCB_37	air+aerosol	pg/m3	0.0811	0.0909	0.0411	0.0272	0.0242	0.0206	0.0374	0.0234	0.0139	0.0434	0.0388	0.0424	0.0399	40
NO0090R	PCB_47	air+aerosol	pg/m3	0.4428	0.7685	0.7653	0.9309	1.0917	0.8196	1.4878	0.9015	0.5038	0.8621	0.9265	1.1929	0.8859	39
NO0090R	PCB_52	air+aerosol	pg/m3	0.7053	0.893	0.671	0.5437	0.4143	0.2906	0.5173	0.3662	0.28	0.6064	0.5606	0.5144	0.5203	39
NO0090R	PCB_66	air+aerosol	pg/m3	0.1713	0.2084	0.1406	0.1205	0.0885	0.0707	0.1289	0.0875	0.0558	0.1581	0.1422	0.1173	0.122	39
NO0090R	PCB_74	air+aerosol	pg/m3	0.1152	0.1437	0.0967	0.0873	0.0641	0.0444	0.0815	0.0546	0.0373	0.0984	0.092	0.0792	0.0812	39
NO0090R	PCB_99	air+aerosol	pg/m3	0.1653	0.1847	0.1391	0.1181	0.0886	0.0386	0.1084	0.0828	0.0621	0.1176	0.1128	0.1017	0.1082	38
NO0090R	PFBA	air+aerosol	pg/m3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	0.01	0.01	186.628	26.7179	21
NO0090R	PFBS	air+aerosol	pg/m3	0.0355	0.0794	0.0851	0.0748	0.088	0.0858	0.08	0.0883	0.0716	0.1003	0.099	0.0973	0.0822	21
NO0090R	PFDcA	air+aerosol	pg/m3	0.1017	0.0621	0.0625	0.1343	0.0541	0.1	0.0885	0.066	-	0.077	0.097	0.0935	0.0886	17
NO0090R	PFDcS	air+aerosol	pg/m3	0.0315	0.0652	0.0486	0.0513	0.0465	0.053	0.068	0.0493	0.0315	0.0488	0.049	0.0346	0.0461	20
NO0090R	PFHpA	air+aerosol	pg/m3	0.0634	0.0988	0.1567	0.1522	0.2297	0.1706	0.2235	0.2492	-	0.1355	0.1674	0.1178	0.1546	19
NO0090R	PFHxA	air+aerosol	pg/m3	0.0607	0.1004	0.0923	0.1115	0.2032	0.1397	0.3177	0.1795	-	0.2011	0.1127	0.7429	0.2394	21
NO0090R	PFHxS	air+aerosol	pg/m3	0.0253	0.0354	0.0404	0.0425	0.0607	0.0827	0.0719	0.0493	0.038	0.0457	0.0527	0.0429	0.0478	21
NO0090R	PFNA	air+aerosol	pg/m3	0.0557	0.1243	0.0834	0.0873	0.1953	0.1266	0.1668	0.184	0.176	0.1572	0.143	0.2981	0.1553	22

NO0090R	PFOA	air+aerosol	pg/m3	0.0706	0.1015	0.0955	0.1049	0.1726	0.2518	0.4141	0.2711	-	0.2162	0.2188	0.1624	0.1907	22
NO0090R	PFOS	air+aerosol	pg/m3	0.0488	0.0561	0.0613	0.052	0.048	0.054	0.0815	0.0662	0.0455	0.0845	0.0613	0.1224	0.0703	20
NO0090R	PFOSA	air+aerosol	pg/m3	0.0288	0.0666	0.063	0.1153	0.0666	0.137	0.1788	0.063	-	0.103	0.0975	0.0929	0.0904	12
NO0090R	PFUnA	air+aerosol	pg/m3	0.0227	0.0536	0.0485	0.1034	0.3599	1.7903	0.1504	0.1071	-	0.097	0.084	0.0703	0.2324	15
NO0090R	pp_DDD	air+aerosol	pg/m3	0.1295	0.1724	0.1023	0.04	0.0247	0.0176	0.0542	0.0579	0.0267	0.1026	0.1518	0.0889	0.0806	34
NO0090R	pp_DDE	air+aerosol	pg/m3	1.4136	1.2222	0.6987	0.2948	0.1071	0.0972	0.1613	0.1469	0.1137	0.4616	0.7097	0.6258	0.5023	38
NO0090R	pp_DDT	air+aerosol	pg/m3	0.0283	0.0172	0.0092	0.0072	0.0085	0.0135	0.0143	0.0085	0.0066	0.0097	0.0341	0.0124	0.0146	33
NO0090R	sum_DDT	air+aerosol	pg/m3	1.9441	1.7677	1.0426	0.5085	0.225	0.1539	0.3723	0.3473	0.2172	0.7665	1.2497	0.9916	0.8	36
NO0090R	sum_heptachlor_PCB	air+aerosol	pg/m3	0.0721	0.1276	0.109	0.0753	0.0577	0.051	0.1188	0.0886	0.0505	0.0819	0.0842	0.0612	0.081	39
NO0090R	sum_hexachlor_PCB	air+aerosol	pg/m3	0.7483	0.7585	0.7734	0.7943	0.8231	0.7561	0.7667	0.7645	0.7593	0.7575	0.7549	0.8539	0.7747	39
NO0090R	sum_PCB	air+aerosol	pg/m3	8.4312	10.0194	7.9925	6.7517	5.5008	3.4761	5.4821	4.229	3.5508	6.5027	6.1699	6.6471	6.1623	39
NO0090R	sum_pentachlor_PCB	air+aerosol	pg/m3	0.6716	0.7994	0.5995	0.5533	0.5649	0.5185	0.5818	0.538	0.5216	0.5637	0.5613	0.5863	0.589	39
NO0090R	sum_tetrachlor_PCB	air+aerosol	pg/m3	1.5312	2.0163	1.9706	2.1294	1.9222	1.3273	2.3449	1.5134	0.9469	1.908	1.9345	2.0168	1.7689	39
NO0090R	sum_trichlor_PCB	air+aerosol	pg/m3	5.4	6.3083	4.5337	3.1944	2.1281	1.29	1.6641	1.3197	1.2677	3.1298	2.7	3.1238	2.9147	40
NO0090R	TBA	air+aerosol	pg/m3	3.3919	2.9595	2.578	0.4187	0.4582	2.8332	1.8153	4.2895	3.2508	3.5351	3.6549	3.2322	2.7468	40

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
SE0014R	alpha_HCH	air+aerosol	pg/m3	2.5847	2.5	4.0736	5.5588	7.4508	4.57	3.5331	4.5	8.245	5.4741	0.91	2.7833	4.3704	99
SE0014R	anthracene	air+aerosol	ng/m3	0.0229	0.028	0.0076	0.0048	0.0034	0.005	0.0039	0.003	0.0047	0.0165	0.019	0.018	0.0113	99
SE0014R	BDE_100	air+aerosol	pg/m3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.0203	0.0265	0.035	0.0201	0.0218	99
SE0014R	BDE_153	air+aerosol	pg/m3	0.025	0.025	0.05	0.0767	0.0568	0.025	0.0297	0.064	0.0526	0.1504	0.65	0.0434	0.1042	99
SE0014R	BDE_154	air+aerosol	pg/m3	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	99
SE0014R	BDE_47	air+aerosol	pg/m3	0.1177	0.16	0.1415	0.1271	0.0992	0.1005	0.1166	0.092	0.153	0.1824	0.03	0.139	0.1213	99
SE0014R	BDE_85	air+aerosol	pg/m3	7.1452	8.5	2.0207	0.4075	0.1162	0.2358	0.0663	0.025	0.4505	0.2368	0.44	11.8977	2.5368	99
SE0014R	BDE_99	air+aerosol	pg/m3	0.0955	0.17	0.1145	0.0846	0.1027	0.0288	0.1012	0.11	0.0731	0.0766	0.03	0.1192	0.0917	99
SE0014R	benz_a_anthracene	air+aerosol	ng/m3	0.1092	0.16	0.0369	0.0133	0.0153	0.0559	0.0442	0.002	0.033	0.0584	0.083	0.0632	0.0555	99
SE0014R	benzo_a_pyrene	air+aerosol	ng/m3	0.1161	0.15	0.0399	0.0172	0.0086	0.0069	0.0041	0.005	0.0104	0.0237	0.061	0.062	0.0413	99
SE0014R	benzo_b_fluoranthene	air+aerosol	ng/m3	0.213	0.34	0.0892	0.045	0.0248	0.0238	0.0142	0.016	0.0246	0.045	0.1	0.1396	0.0876	99
SE0014R	benzo_ghi_perylene	air+aerosol	ng/m3	0.1207	0.18	0.0486	0.0283	0.012	0.0119	0.007	0.007	0.0143	0.0284	0.069	0.0997	0.0511	99
SE0014R	benzo_k_fluoranthene	air+aerosol	ng/m3	0.0875	0.14	0.0317	0.0163	0.0086	0.007	0.005	0.005	0.0092	0.0176	0.043	0.0549	0.0347	99
SE0014R	chrysene	air+aerosol	ng/m3	0.2084	0.31	0.0767	0.0595	0.0456	0.0922	0.091	0.026	0.1077	0.0933	0.15	0.1401	0.1152	99
SE0014R	dibenzo_ah_anthracene	air+aerosol	ng/m3	0.0217	0.031	0.0088	0.0038	0.002	0.002	0.001	0.001	0.0021	0.0042	0.011	0.0179	0.0087	99
SE0014R	fluoranthene	air+aerosol	ng/m3	0.6136	0.91	0.2343	0.1826	0.11	0.1103	0.114	0.07	0.1021	0.166	0.31	0.4785	0.2781	99
SE0014R	gamma_HCH	air+aerosol	pg/m3	1.546	1.8	2.5405	2.037	2.604	3.505	3.8089	4.6	3.8358	2.3445	0.38	0.8657	2.5078	99
SE0014R	HCB	air+aerosol	pg/m3	35.1532	36	31.3719	26.2605	18.0726	13.895	9.5944	8.1	24.7425	24.379	32	34.9735	24.3589	99
SE0014R	inden_123cd_pyrene	air+aerosol	ng/m3	0.1538	0.23	0.0625	0.0314	0.0153	0.0119	0.0089	0.008	0.0175	0.0344	0.081	0.1197	0.0631	99
SE0014R	PCB_101	air+aerosol	pg/m3	0.6637	0.85	0.7574	1.0462	1.6669	2.445	3.9097	1.8	2.5292	1.4847	1.4	0.8152	1.6259	99
SE0014R	PCB_118	air+aerosol	pg/m3	0.1738	0.25	0.2222	0.2883	0.4386	0.764	1.5718	0.64	0.899	0.3726	0	0.2181	0.4912	99
SE0014R	PCB_138	air+aerosol	pg/m3	0.4177	0.46	0.5803	1.0462	1.7226	2.7525	4.4371	1.8	2.8792	1.0847	1	0.554	1.5764	99
SE0014R	PCB_153	air+aerosol	pg/m3	0.5322	0.71	0.71	1.0373	1.8226	2.855	4.625	1.9	2.9967	1.3774	0.7	0.6703	1.6766	99
SE0014R	PCB_180	air+aerosol	pg/m3	0.1553	0.24	0.2307	0.332	0.5372	0.9395	1.5609	0.55	0.9577	0.3431	0.36	0.2113	0.5393	99
SE0014R	PCB_28	air+aerosol	pg/m3	0.8544	1.1	1.0074	1.1	1.1185	1.2175	1.7911	1	1.4958	1.3667	0.63	0.4516	1.0993	99
SE0014R	PCB_52	air+aerosol	pg/m3	1.0306	1.2	1.1074	1.1647	1.8742	2.2175	2.7669	1.8	2.4708	2.0234	1.6	1.1044	1.7051	99
SE0014R	PFOA	air+aerosol	pg/m3	1.0153	1.1	1.6554	1.2723	1.0556	1.289	1.0221	2.2	1.6808	2.7774	2.1	3.0912	1.684	99
SE0014R	PFOS	air+aerosol	pg/m3	1.1306	1.3	1.5777	0.8043	0.6834	0.83	0.9836	2.1	1.2717	2.1315	1.2	2.885	1.4021	99
SE0014R	phenanthrene	air+aerosol	ng/m3	1.1532	2	0.556	0.4563	0.4163	0.4012	0.427	0.26	0.4321	0.3928	0.74	1.0968	0.6829	99
SE0014R	pp_DDD	air+aerosol	pg/m3	0.9141	3.7	2.3116	0.08	0.0948	0.167	0.4025	0.13	0.3105	0.0265	0.035	0.0201	0.6656	99
SE0014R	pp_DDE	air+aerosol	pg/m3	2.2298	3.5	2.019	1.3277	1.4572	0.8367	1.0637	0.8	1.885	4.9694	4.8	2.0248	2.2354	99
SE0014R	pp_DDT	air+aerosol	pg/m3	0.5332	0.33	0.4688	0.04	0.04	0.0447	0.207	0.04	0.1252	1.4065	0.89	0.8206	0.4114	99
SE0014R	pyrene	air+aerosol	ng/m3	0.3976	0.55	0.1612	0.1054	0.0619	0.0695	0.0476	0.03	0.0708	0.1069	0.2	0.309	0.1725	99

Table A.2.7 : Cont.

Site	Comp	Matrix	Unit	Jan	Febr	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	capture
PT0004R	acenaphthene	pm10	ng/m3	-	0	0	7	0	10	0	5	10	10	0	-	3.0	5
PT0004R	acenaphthylene	pm10	ng/m3	-	10	10	10	10	10	10	10	10	10	10	-	10.0	5
PT0004R	anthracene	pm10	ng/m3	-	10	10	10	10	10	10	10	10	10	10	-	10.0	5
PT0004R	benz_a_anthracene	pm10	ng/m3	-	5	3	7	10	10	10	10	10	10	10	-	8.0	5
PT0004R	benzo_a_pyrene	pm10	ng/m3	-	0	3	3	10	10	10	8	10	10	10	-	6.5	5
PT0004R	benzo_b_fluoranthene	pm10	ng/m3	-	0	3	3	10	10	3	8	10	10	10	-	5.5	5
PT0004R	benzo_ghi_perylene	pm10	ng/m3	-	0	3	3	10	10	3	5	10	10	10	-	5.0	5
PT0004R	benzo_k_fluoranthene	pm10	ng/m3	-	0	3	10	10	10	10	10	10	10	10	-	8.0	5
PT0004R	chrysene	pm10	ng/m3	-	5	3	7	10	10	7	8	10	10	10	-	7.0	5
PT0004R	dibenzo_ah_anthracene	pm10	ng/m3	-	10	10	10	10	10	10	10	10	10	10	-	10.0	5
PT0004R	fluoranthene	pm10	ng/m3	-	5	3	3	10	10	7	5	10	10	10	-	6.0	5
PT0004R	fluorene	pm10	ng/m3	-	10	10	10	10	10	10	10	10	10	10	-	10.0	5
PT0004R	inden_123cd_pyrene	pm10	ng/m3	-	0	3	7	10	10	3	5	10	10	10	-	5.5	5
PT0004R	naphthalene	pm10	ng/m3	-	10	3	0	0	0	0	3	0	0	0	-	2.0	5
PT0004R	phe-threne	pm10	ng/m3	-	5	3	3	10	10	10	10	10	10	10	-	7.5	5
PT0004R	pyrene	pm10	ng/m3	-	5	3	3	10	10	3	10	10	10	10	-	6.5	5
PT0006R	acenaphthene	pm10	ng/m3	5.0	10	0	10	0.01	5	5	10	5	0	0	10	4.4	6
PT0006R	acenaphthylene	pm10	ng/m3	7.5	5	5	5	5	5	5	5	5	5	5	5	5.2	6
PT0006R	anthracene	pm10	ng/m3	5.1	10	3	0	10	10	10	10	0	0	5	0	5.2	6
PT0006R	benz_a_anthracene	pm10	ng/m3	5.6	10	0	10	0	5	0	0	5	10	10	10	4.9	6
PT0006R	benzo_a_pyrene	pm10	ng/m3	5.0	0.0	6.7	0.0	0.0	5.0	0.0	0.0	5.1	0.1	0.1	0.2	2.2	6
PT0006R	benzo_b_fluoranthene	pm10	ng/m3	5.0	0.0	0.2	10.0	0.0	5.0	5.0	0.1	5.0	0.1	0.1	0.3	2.3	6
PT0006R	benzo_ghi_perylene	pm10	ng/m3	0.5	0.0	3.4	10.0	0.0	0.0	5.0	5.0	0.2	0.1	0.1	0.3	1.9	6
PT0006R	benzo_k_fluoranthene	pm10	ng/m3	5.0	0.0	3.4	0.0	0.0	5.0	0.0	0.0	0.1	0.0	5.0	5.1	2.2	6
PT0006R	chrysene	pm10	ng/m3	0.6	0.0	3.5	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.3	0.6	6
PT0006R	dibenzo_ah_anthracene	pm10	ng/m3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	6
PT0006R	fluoranthene	pm10	ng/m3	5.5	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.4	0.2	0.2	0.6	6
PT0006R	fluorene	pm10	ng/m3	5.0	10.0	3.3	10.0	10.0	10.0	10.0	10.0	10.0	0.0	5.0	0.0	6.5	6
PT0006R	inden_123cd_pyrene	pm10	ng/m3	0.4	0.0	0.1	10.0	0.0	5.0	5.0	0.0	0.1	0.0	5.0	0.3	1.8	6
PT0006R	naphthalene	pm10	ng/m3	0.1	10.0	0.1	0.0	0.1	5.0	0.1	5.0	0.1	0.2	5.0	5.1	2.2	6
PT0006R	phe-threne	pm10	ng/m3	0.3	0.0	3.4	0.1	0.0	0.0	0.0	0.0	0.1	0.2	5.0	0.1	1.0	6
PT0006R	pyrene	pm10	ng/m3	0.5	0.0	0.1	0.1	0.0	0.0	5.0	0.0	0.3	0.5	5.1	0.2	1.0	6

Annex 3

Methods in field and laboratory

Table A.3.1: Measurements methods for POPs.

Country	Precipitation		Air and aerosols		Laboratory method
	Sampling method	**Frequency**	**Sampling method**	**Frequency**	
Belgium	wet only	Monthly	High Vol, Digitel, 1296 m^3/day	24h, once every 4 days	UPLC with Fluorescence detection (PAHs). Dual column GC-ECD (PCBs)
Germany	wet only	Monthly	High vol (filter + PU foam)	monthly	GC-MS
Spain	Bulk (precip + dry dep)	52 days	PM10, High vol	24h, once every 8 days	GC-MS
Great Britain			High Vol. Whatman GF filter + 2 PUR foams.5m^3/h	biweekly sampling, 3 monthly analysis	GC-MS
Iceland	bulk, (Steel funnel 1m2/PUF foam)	Biweekly	PUF-foam 1000m^3/15days	Biweekly	GC-MS
Netherlands	bulk	4 weekly	PM10 LVS, Whatman quartz filter	Sampled every other day, analysis is pooled 3 samples in winter, 5 in summer time	GC-MS
Norway	bulk, funnel and bottle of glass	Weekly	High Vol.Gelman AE filter + 2 PUR foams. 20m^3/h	NO01: 24h a week NO42: 48h a week	GC-MS
Portugal	wet only	2 week sampling			GC-HRMS,HPLC, GC-ECD
Sweden	Bulk (precip + dry dep)	monthly	High vol (filter + PU foam)	weekly sampling, monthly analyses	HPLC, GC-ECD

HPLC: High Performance Liquid Chromatography
GC -MS: Gas chromatograph with Mass Spectrometry
GC - ECD: Gas chromatograph with Electron Capture Detector
TLC: Thin Layer Chromatography
GC-HRMS: Gas chromatograph High Performance with Mass Spectrometry

Table A.3.2: Measurements methods for Heavy metals.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	**Frequency**	**Field method**	**Frequency**	
Belgium	wet only	weekly	Low volume sampler	daily	ICP-MS
Hg	wet only	weekly			CV-AFS
Germany	wet only	Weekly	Low volume sampler	weekly	ICP-MS
Hg	wet only	Weekly	TGM : monitor (Tekran)	daily (reported)	
Denmark	Bulk	Monthly	Low volume sampler, Millipore RAWP 1.2 µm, 58 m^3/day	daily	ICP-MS (aerosol) GF-AAS (precipitation)
Hg			TGM: monitor (Tekran)	continously	
Spain	wet only	Weekly	High-vol, PM10	24h a week	ICP-MS (aerosol) GF-AAS for precip
	Bulk	Monthly	TGM: monitor (Tekran)	continuously	
France	Bulk	Monthly			ICP-MS
Great Britain	Bulk	GB06,17: monthly GB13,91: weekly	PM10, low volume sampler	weekly	ICP-MS
Ireland	Bulk	Monthly	TGM: monitor (Tekran)	continuously	ICP-MS
Iceland	Bulk	Weekly	High vol.	Biweekly	ICP-MS
Hg			High vol.	Biweekly	CV-AAS
Netherlands	Wet-only	weekly	Low volume sampler	24h every 2 days	ICP-MS
Hg	Wet-only	Weekly			CV-AFS
Norway	Bulk	Weekly	NO42: High Vol, 20 l/h, W41	48h a week	ICP-MS
			NO01: PM10 KFG 2.3 l/h, quartz	Weekly	
Hg	Bulk (Hg)	Monthly	TGM: monitor (Tekran)	continuously	CV-AFS
Portugal	wet only	2 week sampling			ICP-MS;CV-AFS (Hg)
Sweden	Bulk	Monthly	Low volume sampler, Teflon filter	monthly	ICP-MS
Hg	Bulk (Hg)	Bi-weekly	Hg: gold traps (TGM)	2 X 24 h a week	CV-AFS
			Hg: mini traps (TPM)	1 X 24 h a week	CV-AFS

GF-AAS: Graphic Furnace Atomic Absorption Spectroscopy
ICP-MS: Inductively Coupled Plasma - Mass Spectrometry
CV-AFS: Cold Vapour Atomic Fluorescence Spectroscopy

Table A.3.3: Measurement methods for nitrogen species.

Country	Precipitation		Air and aerosols		Laboratory method
	Field method	**Frequency**	**Field methods**	**Frequency**	
Belgium	wet only	biweekly	NO_2: Chemiluminisence monitor NH_3: passive sampler	half hourly biweekly	prec + NH3: IC
Germany	wet only	weekly	NO_2: NaI imp. Glass filters, 0.7m^3/day NH_3: low-cost-denuder NO_3^-, NH_4^+: LVS, $PM_{2.5}$, quartz filter	daily weekly every 3rd day	NO2: FIA NH3: FIA IC
Denmark	wet only	biweekly	Monitor. Chemiluminisence sumNO_3: Millipore RAWP, 1.2 ?m + KOH-impregnated Whatman 41, 58 m^3/day (filterpack) sumNH_4. Millipore RAWP, 1.2 ?m + Oxalic acid impregnated Whatman 41, 58 m^3/day (filterpack)	hourly daily	NO3: IC NH4: Spect. (CFA)
Spain	wet onlt	daily	NO_2: Chemiluminescence monitor sumNO_3: NaOH impregnated Whatman 40 filter, 35 m^3/day sumNH_4: Oxalic acid impregnated Whatman 40 filter, 35 m^3/day		NH4: AAS NO3: IC
France	bulk	monthly			IC
Great Britain	bulk	biweekly	NO_2: Chemiluminescence monitor sumNO_3 and NH4: Delta sampler (low volume denuder and filter pack)		IC
Ireland	bulk	daily			IC
Iceland	bulk	daily			IC
Netherlands	wet only	NL09: daily NL91: biweekly	NO_2: Chemiluminescence monitor NH_3: Absorption in $NaHSO_4$, membrane separation NO_3 and NH4: Whatman QMA filter 47 mm, 55.2 m^3/day	hourly daily	NH3: conductivity NO3: IC, NH4: CFA
Norway	bulk	NO01 and NO39: daily NO554,NO572 NO655:weekly	NO_2: NaI imp. Glass filters, 0.7m^3/day sumNO_3. Teflon filter+ KOH-impregnated Whatman 40 filter, 25 m^3/day (Filterpack) sumNH_4: Teflon filter + Oxalic acid-impregnated Whatman 40 filter, 25 m^3/day (Filterpack)	daily daily	NO2: Spect., Griess method NH4,NO3: IC
Portugal	wet only	biweekly			
Sweden	wet only	daily	NO_2: NaI-impregnated glass sinters, ~0.7 m^3/day SumNO_3: Mitex membrane + KOH-impregnated Whatman 40 filter, 20 m^3/day (filterpack) sum NH_4; Mitex membrane + Oxalic acid impregnated Whatman 40 filter, 20 m3/day (filterpack)	daily daily daily	Spectr. FIA IC Spectr. FIA

IC: ion chromatograph

CFA: continuous flow analysis

FIA. Flow injection analyisis

Annex 4

Detection limit

Limits of detection (LODs)

In precipitation	Unit	BE	DK	DE	NL	GB	IE	IS	NO	PT	SE
NO_3^-	mgN/L	0.02	0.08	0.02	0.06	0.01			0.01	0.2	0.002
NH_4^+	mgN/L	0.02	0.02	0.001	0.05	0.01			0.01	0.2	0.01
As	ug/L	0.06	0.03	0.004	0.15	0.008			0.09	0.4	0.1
Cd	ug/L	0.14	0.008	0.001	0.03	0.002			0.009	0.1	0.01
Cr	ug/L	0.08	0.04	0.01	0.5	0.04			0.09	0.4	0.02
Cu	ug/L	1.5	0.05	0.01	0.4	0.02			0.09	1	0.01
Ni	ug/L	1.55	0.07	0.002		0.01			0.02	0.4	
Pb	ug/L	0.015	0.07	0.001	0.4	0.06			0.06	0.4	0.03
Zn	ug/L	0.06				1			0.12	1.4	
Hg	ng/L	0.56		0.5	2	0.001	25		0.2 ng abs.	20	0.06
□-HCH	ng/L	0.4		0.055 ng abs	0.4				0.01		
HCB, PCBs	ng/L	1-3							1-2		
PAHs	µg/m²/day	0.001-0.01			1 ng/L					10	

In air and aerosols	Unit	BE	DK	DE	NL	GB	IE	IS	NO	PT	SE
NO_2	□gN/m^3	0.58	3.1	0.1/0.03	0.4ppb	0.3-0.7			0.03		0.07
Sum (NO_3+HNO_3)	□gN/m^3		0.1						0.01		0.02
Sum (NH_4+NH_3)	□gN/m^3								0.05		0.03
NH_3	□gN/m^3	0.015	0.1	0.08		0.01					
HNO_3	□gN/m^3					0.01					
NH_4	□gN/m^3		0.1	0.08		0.02					
NO_3	□gN/m^3			0.002		0.01					
As	ng/m^3	0.1	0.07	0.01	0.5	0.021			0.003	0.2	0.004
Cd	ng/m^3	0.02	0.1	0.003	0.2	0.009			0.0006	0.4	0.0005
Cr	ng/m^3	1.8				1.7			0.07		0.02
Cu	ng/m^3	2.4				0.11			0.03		0.04
Ni	ng/m^3	1.6	0.7	0.2		0.06			0.2	0.4	
Pb	ng/m^3	0.3	0.4	0.05	2	0.10			0.05	0.4	0.02
Zn	ng/m^3	4.5				0.52			0.08		
Hg (g)	ng/m^3					0.08			0.2 ng abs.		0.01
HCB, PCBs, HCHs	pg/m^3								0.05-0.8		0.03-0.08
PAHs	ng/m^3	0.01-0.04			0.001-0.02	0.01-0.03			ca 0.001	ca 0.02	0.0001

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