Abbreviations

$\delta^{18}O$	$^{18}O/^{16}O$ stable isotope ratio (standardized against Standard Mean Ocean Water)
$\delta^{15}N$	$^{15}N/^{14}N$ stable isotope ratio (standardized against air)
ΣHCH	Sum of (concentrations of) α-, β- and γ-HCH isomers
ΣPCB	Sum of a number of individual PCB congeners
AMAP	Arctic Monitoring and Assessment Programme
ANWAP	Arctic Nuclear Waste Assessment Program
AO	Arctic Oscillation
AO^-	Conditions of low AO index values
AO^+	Conditions of high AO index values
As	Arsenic
Cd	Cadmium
CFCs	Chlorofluorocarbons
CHB	Toxaphene
CH_4	Methane
CO_2	Carbon dioxide
Cs	Cesium
Cu	Copper
DDT	Dichlorodiphenyltrichloroethane (an organochlorine pesticide)
GHGs	Greenhouse gasses
HCB	Hexachlorobenzene
HCH	Hexachlorohexane
Hg	Mercury
Hg^0	Gaseous mercury
HLC	Henry's Law constant
IABP	International Arctic Buoy Programme
IPCC	Intergovernmental Panel on Climate Change
K_{AW}	Air-water partition coefficient
K_{OA}	Octanol-air partition coefficient
K_{OW}	Octanol-water partition coefficient
K_{PG}	Particle-gas partition coefficient
K_W	Dissociation constant for water
MeHg	Methylmercury
MDE	Mercury Depletion Event
N_2O	Nitrous oxide
NAO	North Atlantic Oscillation
NwAC	Norwegian Atlantic Current
OC	Organochlorine compound
OCPs	Organochlorine pesticides
OH	Hydroxyl radical
PAHs	Polyaromatic hydrocarbons
Pb	Lead
PBDEs	Polybrominated diphenyl ethers
PCBs	Polychlorinated biphenyls
PCDDs	Polychlorinated dibenzo-*p*-dioxins
PCDFs	Polychlorinated dibenzofurans
PCNs	Polychlorinated naphthalenes
PDO	Pacific Decadal Oscillation
P-E	Precipitation minus evaporation
Po	Polonium
POM	Particulate organic matter
POP	Persistent organic pollutant
Pu	Plutonium
Ra	Radium
RGM	Reactive gaseous mercury
Rn	Radon
S	Salinity
SAT	Surface air temperature
SCC	Siberian Coastal Current
SLP	Sea-level pressure
Sr	Strontium
SSM/I	Special Sensor Microwave/Imager
SSMR	Scanning Multichannel Microwave Radiometer
Sv	Sverdrup, 1 Sv = 10^6 m^3/s (approximately 32 000 km^3/yr)
T	Temperature
Tc	Technetium
TPD	Transpolar Drift
UV	Ultraviolet radiation
Zn	Zinc