

Method for Iodide and Iodate measurements

Iodide and iodate were analysed, respectively, by cathodic stripping square wave voltammetry and differential pulse polarography with an EG and G Princeton Applied Research Polarographic Analyser 384-B (Herring and Liss, 1974 ; Luther et al., 1988).

The detection limit is about 0.2 nM for iodide determination and 20 nM for iodate measurements, both having an analytical precision of ~5%. The analytical procedure is described in detail in Tian and Nicolas (1995).

Herring J.J. and P.S. Liss, 1974. A new method for the determination of iodine species in seawater. *Deep-Sea Research*, 21, 777-783.

Luther G., C.B. Swartz and W.J. Ulman, 1988. Direct determination of iodide in seawater by cathodic stripping square wave voltammetry. *Analytical Chemistry*, 60, 1721-1724.

Tian R.C. and E. Nicolas, 1995. Iodine speciation in the Northwestern Mediterranean sea: method and vertical profiles. *Marine Chemistry*, 48, 151-156.