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2.3.2 Total Petroleum Hydrocarbons; 2.3.3 SFE of Wet Soils; 2.3.4 Pesticides; 2.3.5 Dibenzofurans/Dioxins; 2.4 Conclusions; 3 Validation and Quality Control with Atomic Absorption Spectrometry for Environmental Monitoring; 3.1 Introduction; 3.1.1 Use of Atomic Absorption Spectrometry in Environmental Monitoring; 3.1.2 The Need for Quality Control; 3.1.3 The Importance of Consistent Data; 3.1.4 Standardized/Reference Methods or Quality Control?; 3.1.5 The Degree of Analytical Quality Control; 3.1.6 Quality Control Principles
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4.2 Theory of the ICP-OES Technique

Sommario/riassunto

Environmental technology plays an increasingly important role in today's world. This has led to many new developments in legislation and monitoring of environmental pollutants. A comprehensive treatment of these current trends is presented in this book. The reader is helped by a sound understanding of modern instrumental methods such as GC/MS, thermal desorption and purge-trap methods, that are available to meet these legal requirements. Many practical applications assist familiarization with these techniques. This work pays particular attention to methods of monitoring different types