

Sampling and Data Treatment Methods

Sampling Methods in Surface Waters, *Munro Mortimer, Jochen F. Müller, and Matthias Liess*

Methods of Treatment of Data, *Riccardo Leardi*

Radioanalytical Analysis

Radioanalytical Methodology for Water Analysis, *Jorge S. Alvarado*

Organoleptical Analysis

Organoleptical Methodology, *Abdul Moheman, Md. Musawwer Khan, and K. S. Siddiqi*

Analysis of Biological Parameters

Bacteriological Analysis of Water, *Paulinus Chigbu and Salina Parveen*

Marine Toxins Analysis, *Luis M. Botana, A. Alfonso, M. R. Vieytes, N. Vilariño, A. M. Botana, C. Louzao, and C. Vale*

Algal Analysis, *Leonardo Rubi Rörig*

Halogens, N-Compounds, and Phosphates

Halogens, *Géza Nagy and Livia Nagy*

Analysis of Sulfur Compounds in Water, *Leo M. L. Nollet*

Determination of Ammonia in Water Samples, *Juliana Antunes Galvão, Alexandre Matthiensen, Marília Oetterer, Y. Moliner-Martínez, R. A. Gonzalez-Fuenzalida, M. Muñoz-Ortuño, R. Herráez-Hernández, J. Verdú-Andrés, C. Molins-Legua, and P. Campíns Falcó*

Nitrites and Nitrates, *Adnan Aydin*

Phosphates in Aquatic Systems, *Alexandre Matthiensen, Juliana Antunes Galvão, and Marília Oetterer*

Cyanides, Asbestos, Metals, and Si-Compounds

Cyanides, *Leo M. L. Nollet*

Asbestos in Water, *James S. Webber*

Heavy Metals, Major Metals, Trace Elements, *Jorge E. Marcovecchio, Sandra E. Botté, Claudia E. Domini, and Rubén H. Freije*

Determination of Silicon and Silicates, *Salah M. Sultan*

Organic Parameters

Main Parameters and Assays Involved with the Organic Pollution of Water, *Lorena Vidal, Claudia E. Domini, and Antonio Canals*

Determination of Organic Nitrogen in the Aquatic Environment, *Juliana Antunes Galvão, Alexandre Matthiensen, and Marília Oetterer*

Determination of Urea in Aquatic Samples, *Juliana Antunes Galvão, Alexandre Matthiensen, and Marília Oetterer*

Organic Acids, *Mercedes Gallego Fernández, Evaristo Ballesteros Tribaldo, and Beatriz Jurado Sánchez*

Determination of Volatile Organic Compounds in Water, *Iván P. Román Falcó and Marta Nogueroles Moya*

Phenolic and Humic Compounds

Determination of Phenolic Compounds in Water, *Leo M. L. Nollet*

Characterization of Humic Matter, *Leo M. L. Nollet*

Residues of Pesticides

Determination of Pesticides in Water, *Evaristo Ballesteros Tribaldo*

Analysis of Herbicide and Fungicide Residues in Waters, *N. Sridhara Chary, Maria Jose Gómez Ramos, and Amadeo R. Fernández-Alba*

Residues of PCBs, PCDDs, PCDFS, and PAHs

Analysis of PCBs in Waters, *L. Bartolomé, O. Zuloaga, and N. Etxebarria*

PCDDs and PCDFS, *Luigi Turrio-Baldassarri, Paola Pettine, and Laura Achene*

Polynuclear Aromatic Hydrocarbons, *Chimezie Anyakora*

Surfactants and Petroleum Hydrocarbon Analysis

Surfactants, *Eva Pocurull and Rosa Maria Marcé*

Petroleum Hydrocarbon Analysis, *Iván P. Román Falcó*

EDCs and Residues of Plastics

Endocrine-Disrupting Chemicals, Pharmaceuticals, and Personal Care Products, *Dimitra A. Lambropoulou and Eleni Evgenidou*

Residues of Plastics, *Dimitra A. Lambropoulou and Eleni Evgenidou*

Index