

Journal of Chromatography A, 879 (2000) 261-265

JOURNAL OF CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

Subject Index Vol. 879

Acetone

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Adsorbents

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Adsorption

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Alkanes

Distribution coefficients of *n*-alkanes measured on wall-coated capillary columns 879(2000)157

Alkylbenzenes

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Amino acids, butyloxycarbonyl derivatives

Enantioseparation of selected *N-tert.*-butyloxycarbonyl amino acids in high-performance liquid chromatography and capillary electrophoresis with a teicoplanin chiral selector 879(2000)147

Antibiotics

Optimization of separation and migration behavior of cephalosporins in capillary zone electrophoresis 879(2000)197

Analysis of polymyxin B sulfate by capillary zone electrophoresis with cyclodextrin as additive. Method development and validation 879(2000)211

Background electrolyte composition

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Benzenes

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Buffer composition

Optimization of separation and migration behavior of cephalosporins in capillary zone electrophoresis 879(2000)197

Capillary columns

Distribution coefficients of *n*-alkanes measured on wall-coated capillary columns 879(2000)157

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Capillary electrophoresis-ion chromatography

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Carboxylic acids

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert.*butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Cephalosporins

Optimization of separation and migration behavior of cephalosporins in capillary zone electrophoresis 879(2000)197

Chiral selectors

Enantioseparation of selected *N-tert.*-butyloxycarbonyl amino acids in high-performance liquid chromatography and capillary electrophoresis with a teicoplanin chiral selector 879(2000)147

Clofibric acid

Determination of rice herbicides, their transformation products and clofibric acid using on-line solid-phase extraction followed by liquid chromatography with diode array and atmospheric pressure chemical ionization mass spectrometric detection 879(2000)3

0021-9673/00/\$ – see front matter © 2000 Elsevier Science B.V. All right reserved PII: \$0021-9673(00)00478-7

Crystal Violet

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Cyclodextrins

Analysis of polymyxin B sulfate by capillary zone electrophoresis with cyclodextrin as additive. Method development and validation 879(2000)211

Derivatization, GC

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert*.butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Distribution coefficients

Distribution coefficients of *n*-alkanes measured on wall-coated capillary columns 879(2000)157

DNA

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Electrochromatography

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography–mass spectrometry 879(2000)219

Enantiomer separation

Direct liquid chromatographic enantiomer separation of new fluoroquinolones including gemifloxacin 879(2000)113

Enantioseparation of selected *N-tert.*-butyloxycarbonyl amino acids in high-performance liquid chromatography and capillary electrophoresis with a teicoplanin chiral selector 879(2000)147

Endocrine disruptors

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert*.butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Environmental analysis

Determination of rice herbicides, their transformation products and clofibric acid using on-line solid-phase extraction followed by liquid chromatography with diode array and atmospheric pressure chemical ionization mass spectrometric detection 879(2000)3

Monitoring of priority pesticides and other organic pollutants in river water from Portugal by gas chromatography-mass spectrometry and liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 879(2000)13

Part-per-trillion level determination of antifouling pesticides and their byproducts in seawater samples by off-line solid-phase extraction followed by high-performance liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 879(2000)27 Comparison of various liquid chromatographic methods involving UV and atmospheric pressure chemical ionization mass spectrometric detection for the efficient trace analysis of phenylurea herbicides in various types of water samples 879(2000)39

Application of liquid chromatography with mass spectrometry combined with photodiode array detection and tandem mass spectrometry for monitoring pesticides in surface waters 879(2000)51

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert.*butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Speciation of butyl- and phenyltin compounds in sediments using pressurized liquid extraction and liquid chromatography– inductively coupled plasma mass spectrometry 879(2000)137

Solid-phase microextraction for determining the distribution of sixteen US Environmental Protection Agency polycyclic aromatic hydrocarbons in water samples 879(2000)177

Extraction methods

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Fenoterol

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Fluoroquinolones

Direct liquid chromatographic enantiomer separation of new fluoroquinolones including gemifloxacin 879(2000)113

Gemifloxacin

Direct liquid chromatographic enantiomer separation of new fluoroquinolones including gemifloxacin 879(2000)113

Granular activated carbons

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

262

Graphitized carbon black

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Hormones

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert*.butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Infant formulae

Ion chromatographic determination of inositol in infant formulae and clinical products for enteral feeding 879(2000)129

Inorganic anions

Capillary electrophoretic determination of thiosulfate and its oxidation products 879(2000)235

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Inositol

Ion chromatographic determination of inositol in infant formulae and clinical products for enteral feeding 879(2000)129

Ion chromatography-capillary electrophoresis

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Irgarol

Monitoring of priority pesticides and other organic pollutants in river water from Portugal by gas chromatography-mass spectrometry and liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 879(2000)13

Isotachophoresis

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Large-volume injections

Comparison of various liquid chromatographic methods involving UV and atmospheric pressure chemical ionization mass spectrometric detection for the efficient trace analysis of phenylurea herbicides in various types of water samples 879(2000)39

Lecithin

Ion chromatographic determination of inositol in infant formulae and clinical products for enteral feeding 879(2000)129

Liquid chromatography-mass spectrometry

Application of liquid chromatography with mass spectrometry combined with photodiode array detection and tandem mass spectrometry for monitoring pesticides in surface waters 879(2000)51

Membranes

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Methylbutyldimethyltrifluoroacetamide

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert*.butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Micelle-mediated extraction

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Neostigmine

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Octylthioglucoside

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Organic acids

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Organochlorine compounds

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Organophosphorus compounds

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Organotin compounds

Speciation of butyl- and phenyltin compounds in sediments using pressurized liquid extraction and liquid chromatography– inductively coupled plasma mass spectrometry 879(2000)137

Peptides

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Pesticides

Determination of rice herbicides, their transformation products and clofibric acid using on-line solid-phase extraction followed by liquid chromatography with diode array and atmospheric pressure chemical ionization mass spectrometric detection 879(2000)3

Monitoring of priority pesticides and other organic pollutants in river water from Portugal by gas chromatography-mass spectrometry and liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 879(2000)13 Part-per-trillion level determination of antifouling pesticides and their byproducts in seawater samples by off-line solid-phase extraction followed by high-performance liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 879(2000)27

Comparison of various liquid chromatographic methods involving UV and atmospheric pressure chemical ionization mass spectrometric detection for the efficient trace analysis of phenylurea herbicides in various types of water samples 879(2000)39

Application of liquid chromatography with mass spectrometry combined with photodiode array detection and tandem mass spectrometry for monitoring pesticides in surface waters 879(2000)51

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Pharmaceutical analysis

Analysis of polymyxin B sulfate by capillary zone electrophoresis with cyclodextrin as additive. Method development and validation 879(2000)211

Phenols

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert*.butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Phenylureas

Comparison of various liquid chromatographic methods involving UV and atmospheric pressure chemical ionization mass spectrometric detection for the efficient trace analysis of phenylurea herbicides in various types of water samples 879(2000)39

Phthalic esters

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Polychlorinated biphenyls

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Poly(diallyldimethylammonium chloride)

Separation of anions by ion chromatography-capillary electrophoresis 879(2000)245

Poly(glycidyl methacrylate)

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Polymyxin B sulfate

Analysis of polymyxin B sulfate by capillary zone electrophoresis with cyclodextrin as additive. Method development and validation 879(2000)211

Polynuclear aromatic hydrocarbons

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Solid-phase microextraction for determining the distribution of sixteen US Environmental Protection Agency polycyclic aromatic hydrocarbons in water samples 879(2000)177

Proteins

Modified capillary electrophoresis system for peptide, protein and double-stranded DNA analysis 879(2000)189

Reviews

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants (Review) 879(2000)83

Salbutamol

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Sample handling

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Scopolamine

On-line isotachophoretic sample focusing for loadability enhancement in capillary electrochromatography-mass spectrometry 879(2000)219

Sediment

Speciation of butyl- and phenyltin compounds in sediments using pressurized liquid extraction and liquid chromatography– inductively coupled plasma mass spectrometry 879(2000)137

264

Semipermeable membrane devices

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Solid-phase extraction

Part-per-trillion level determination of antifouling pesticides and their byproducts in seawater samples by off-line solid-phase extraction followed by high-performance liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 879(2000)27

Solid-phase microextraction

Solid-phase microextraction for determining the distribution of sixteen US Environmental Protection Agency polycyclic aromatic hydrocarbons in water samples 879(2000)177

Stability studies

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Steroid hormones

Micelle-mediated extraction for concentrating hydrophobic organic compounds 879(2000)121

Sulfur compounds

Capillary electrophoretic determination of thiosulfate and its oxidation products 879(2000)235

Teicoplanin

Enantioseparation of selected *N-tert.*-butyloxycarbonyl amino acids in high-performance liquid chromatography and capillary electrophoresis with a teicoplanin chiral selector 879(2000)147

Thermodynamic parameters

Distribution coefficients of *n*-alkanes measured on wall-coated capillary columns 879(2000)157

Thiosulfate

Capillary electrophoretic determination of thiosulfate and its oxidation products 879(2000)235

Toluene

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Validation

Analysis of polymyxin B sulfate by capillary zone electrophoresis with cyclodextrin as additive. Method development and validation 879(2000)211

Volatile organic compounds

Comparison of nutshell granular activated carbons to commercial adsorbents for the purge-and-trap gas chromatographic analysis of volatile organic compounds 879(2000)169

Water analysis

Determination of rice herbicides, their transformation products and clofibric acid using on-line solid-phase extraction followed by liquid chromatography with diode array and atmospheric pressure chemical ionization mass spectrometric detection 879(2000)3

Monitoring of priority pesticides and other organic pollutants in river water from Portugal by gas chromatography–mass spectrometry and liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 879(2000)13

Part-per-trillion level determination of antifouling pesticides and their byproducts in seawater samples by off-line solid-phase extraction followed by high-performance liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 879(2000)27

Comparison of various liquid chromatographic methods involving UV and atmospheric pressure chemical ionization mass spectrometric detection for the efficient trace analysis of phenylurea herbicides in various types of water samples 879(2000)39

Application of liquid chromatography with mass spectrometry combined with photodiode array detection and tandem mass spectrometry for monitoring pesticides in surface waters 879(2000)51

Stability of organophosphorus insecticides on graphitized carbon black extraction cartridges used for large volumes of surface water 879(2000)73

Considerations involved with the use of semipermeable membrane devices for monitoring environmental contaminants 879(2000)83

Determination of endocrine disruptors in water after derivatization with *N*-methyl-*N*-(*tert.*butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection 879(2000)97

Solid-phase microextraction for determining the distribution of sixteen US Environmental Protection Agency polycyclic aromatic hydrocarbons in water samples 879(2000)177