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Referências Bibliográficas

- (1) NORDBERG, F.G., FOWLER, B.A. *et al.* **Handbook on the Toxicology of Metals**. 3^oed. 2007. p. 848 – 855
- (2) TSALEV DL, ZAPRIANOV ZK. Tin. In: *Atomic Absorption Spectrometry in Occupational and Environmental Health Practice*. 2nd ed. Florida, USA: CRC Press; 1985: 199-204.
- (3) HOCH, M. Organotin compounds in the environment – an overview, **Applied Geochemistry**, 16, p. 719-743, 2001
- (4) RÜDEL, H. Case study: bioavailability of tin and tin compounds, **Ecotoxicology and environmental safety**, 56, p. 180-189, 2003
- (5) US Department of Health and Human Services. Public Health Service. Agency for Toxic Substances and Disease Registry (2005). Toxicological Profile for Tin. Disponível em <http://www.atsdr.cdc.gov/tfacts55.html>, acessada em Julho de 2008
- (6) Concise International chemical Assessment Document 65, Tin and inorganic tin compounds, **World Health Organization (WHO)**, , 2005
- (7) EBDON, LES, HILL, STEVE J., RIVAS, CRISTINA, Organotin compounds in solid waste: a review of their properties and determination using high-performance liquid chromatography, **Trends in analytical chemistry**, 17 (5), p. 277-288, 1998
- (8) GOYER R.A., CLARKSON T.W.. Toxic Effects of Metals - Minor Toxic Metals: Tin. In: C.D. Klaassen (Eds.), Casarett & Doull's, **Toxicology: The Basic Science of Poisons**, 6th ed. USA: McGraw-Hill Professional., p. 561-62. 2001
- (9) LAKIND, JUDY S., WILKINS, A. AMINA, BELIN JR., CHESTON M., Environmental chemicals in human milk: a review of levels, infant

- exposures and health, and guidance for future research, **Toxicology and applied pharmacology**, 198, p. 184-208, 2004
- (10) International Union Of Pure And Applied Chemistry *Pure & Appl. Chern.*, Vol. 70, No. 10, **pp.** 2051-2064, 1998
- (11) BLUNDEN, STEVE; WALLACE, TONY, Tin in a canned food: a review of occurrence and effect, **Food and chemical toxicology**, 41, p. 1651-1662, 2003
- (12) PERRING, LOÏC; BASIC-DVORZAK, MARIJA; Determination of total tin in canned food using inductively coupled plasma atomic emission spectroscopy, **Anal. Bioanal. Chem.**, 374, p. 235-243, 2002
- (13) CHEN, BAOWEI; ZHOU, QUNFANG; LIU, JIYAN; CAO, DANDAN; WANG, THANH; JIANG, GUIBIN ; Methylation mechanism of tin(II) by methylcobalamin in aquatic systems, **Chemosphere**, 68, p. 414-419, 2007
- (14) SADIKI, ABDEL-ILAH; A study on organotin levels in canadian drinking water distributed through PVC pipes, **Chemosphere**, 38 (7), p.1541-1548, 1999
- (15) WANG, XIUPIN; DING, LAN; ZHANG, HUARONG; CHENG, JIANHUA; YU, AIMIN; ZHANG, HANQI; LIU, LI; LIU, ZHIHONG; LI, YING; Development of an analytical method for organotin compounds in fortified flour samples using microwave-assisted extraction and normal-phase HPLC with UV detection, **Journal of chromatography B**, 846, p. 268-274, 2006
- (16) GUI-BIN, JIANG; FANG; ZHOU QUN, BIN, HE; Speciation of organotin compounds, total tin, and major trace metal elements in poisoned human organs by gas chromatography-flame photometric detector and inductively coupled plasma-mass spectrometry, *Environ. Sci. Technol.*, 34, p. 2697-2702, 2000
- (17) PIVETTA, F., MACHADO, H.J.M., ARAÚJO, U.C., MOREIRA, M.F.R., Apostila P. Monitoramento biológico: conceitos e aplicações em saúde pública. *Cad. Saúde Pública* 2001; 17: 545 - 554.
- (18) LEITE, EMA; SIQUEIRA, MEPB, COUTO, HA, Equipe Técnica Rede Nacional de Laboratórios de Toxicologia. Guia Prático – Monitorização

Biológica de Trabalhadores Expostos a Substâncias Químicas. Belo Horizonte: Ergo Editora Ltda., 1992.

- (19) Manual de Procedimentos para os Serviços de Saúde. *DOENÇAS RELACIONADAS AO TRABALHO*. Série A. Normas e Manuais Técnicos nº 114 2001
- (20) CATLIN, REETTA; SHAH, HEMANGINI; BANKHURST, ARTHUR D.; WHALEN, MARGARET M., Dibutyltin exposures decreases grzyme B and perforin in human natural killer cells, **Enviromental toxicology and pharmacology**, 20, p. 395-403, 2005
- (21) OSADA, SHIGEHIRO; NISHIKAWA, JUN-ICHI; NAKANISHI, TSUYOSHI; TANAKA, KEIICHI; NISHIHARA, TSUTOMU; Some organotins compounds enhance histone acetyltransferase activity, **Toxicology letters**, 155, p. 329-335, 2005
- (22) ABBALLE, A. *et al.*, Persistent environmental contaminants in human milk: ..., **Chemosphere**, article in press, 2008
- (23) TRIPATHI, R.M.; RAGHUNATH, R.; SASTRY, V.N.; KRISHNAMOORTHY, T.M.; Daily inyake of heavy metals by infants through milk and milk products, **The science of the total environment**, 227, p. 229-235, 1999
- (24) THEODOROLEA, STAVROULA; THOMAIDIS, NIKOLAOS S.; PIPERAKI, EFROSINI; Determination of selenium in human milk by electrothermal atomic absorption spectrometry and chemical modification, **Analytica chimica acta**, 547, p. 132-137, 2005
- (25) PROHASKA, THOMAS; KÖLLENSPERGER, GUNDA; KRACHLER, MICHAEL; DE WINNE, KRISTOF ; STINGEDERA, GERHARD; MOENS, LUC; Determination of trace elements in human milk by inductively coupled plasma sector field mass spectrometry (ICP-SFMS), **Journal of analytical atomic spectrometry**, 15, p.335-340, 2000
- (26) ROSSIPAL, ERICH; KRACHLER, MICHAEL; Pattern of trace elements in human milk during the course of lactation, **Nutrition research**, 18 (1), p. 11-24, 1998
- (27) AL-AWADI, FARIDA; SRIKUMAR, T. S.; Trace element status in milk and plasma of Kuwaiti and no-Kuwaiti lactating mothers, **Applied nutritional investigation**, 16 (11/12), p. 1069-1073, 2000

- (28) YAMAWAKI, NAMIKO; YAMADA, MIO; KAN-NO, TAKAHIRO; KOJIMA, TADASHI; KANEKO, TETSUO; YONEKUBO, AKIE; Macronutrient, mineral and trace element composition of breast milk from Japanese women, **Journal of trace elements in medicine and biology**, 19, p. 171-181, 2005
- (29) KOSTA, L.; BYRNE, A.R.; DERMELJ, M.; Trace elements in some human milk samples by radiochemical neutron activation analysis, **The science of the total environment**, 29, p. 261-268, 1983
- (30) OSKARSSON, AGNETA; HALLÉN, IRA PALMINGER; SUNDBERG, JOHANNA; Exposure to toxic elements via breast milk, **Analyst**, 120, p. 766-770, 1995
- (31) LIU, WUPING, LEE, HIAN KEE; Chemical modification of analytes in speciation analysis by capillary electrophoresis, liquid chromatography and gas chromatography, **Journal of Chromatography A**, 834, p. 45-63, 1999
- (32) BRUNORI, C.; IPOLYI, I.; MASSANISSO, P. MORABITO, R.; New trends in sample preparation methods for the determination of organotin compounds in marine matrices, **Env. Chem**, 5, (O), p. 51-70, 2006
- (33) Gómez-Ariza, J.L.; MORALES, E.; GIRÁLDEZ, I.; SÁNCHEZ-RODAS, D.; VELASCO, A.; Sample treatment in chromatography-based speciation of organometallic pollutants, **Journal of Chromatography A**, 938, p. 211-224, 2001
- (34) THOMAIDIS, NIKOLAOS S.'STASINAKIS, ATHANASIOS S.; GATIDOU, GEORGIA; MORABITO, ROBERTO; MASSANISSO, PAOLO; LEKKAS, THEMISTOKLES; Occurrence of organotin compounds in the aquatic environment of Greece, **Water, air, soil and pollution**, 181, p. 201-210, 2007
- (35) CHOU, CHI-CHI; LEE, MAW-RONG; Determination of organotin compounds in water by headspace solid phase microextraction with gas-chromatography-mass spectrometry, **Journal of chromatography A**, 1064, p. 1-8, 2005
- (36) ARNOLD, CÉDRIC G.; BERG, MICHAEL; MÜLLER, STEPHAN R.; DOMMANN, URS; SCHWARZENBACH, RENÉ P.; Determination of organotin compounds in water, and sewage sludge using perdeuterated

- internal standards, accelerated solvent extraction, and large-volume-injection GC-MS, **Analitycal chemistry**, 70, p. 3094-3101, 1998
- (37) WON, YONGIL; JUNG, PYONG GIL; CHUNG, MINYOUNG; KIM, BYUNGJOO; YIM, YONGHEON; SO, HUN-YOUNG; KIM, YONG SEONG; Application of a gas chromatography/mass spectrometry method for determination of butyltin compounds in sediment, **Bull. Korean Chem. Soc.**, 25(10)p. 1508-1512, 2004
- (38) SUEHIRO, FUJIYO; KOBAYASHI, TAKESHI; NONAKA, LISA, TUYEN, BUI CACH, SUZUKI, SATORU; Degradation of tributyltin in microcosm using mekong river sediment, **Microbial ecology**, 52, p. 19-25, 2006
- (39) DELUCCHI, FEDERICO; TOMBESI, NORMA B; FREIJE, RUBÉN H.; MARCOVECCHIO, JORGE E.; Butyltin compounds in sediments of the Bahía Blanca estuary, Argentina, **Enviromental monitoring assess**, 132, p. 445-451, 2007
- (40) LANDMEYER, JAMES E; TANNER, TERRY L., WATT, BRUCE E., Biotransformation of tributyltin to tin in freshwater river-bed sediments contaminated by an organotin release, **Environm. Sci. Technol.**, 38, p.4106-4112, 2004
- (41) MUÑOZ, J.; BAENA, J.R., GALLEG0, M.; VALCÁRCEL, M.; Speciation of butyltin compounds in marine sediment by preconcentration on C₆₀ and gas chromatography-mass spectrometry, **Journal of chromatography A**, 1023, p. 175-181, 2004
- (42) PELLEGRINO, CATERINA, MASSANISSO, MORABITO, ROBERTO; Comparison of twelve selected extraction methods for the determination of butyl- and penhyltin compounds in mussels samples, **Trends in analytical chemistry**, 19, (2+3), p. 97-106, 2000
- (43) BINATO, G., BIANCOTTO, G., PIRO, R., ANGELETTI, R.; Atomic absorption spectrometric screening and gas chromatographic-mass spectrometric determination of organotin compounds in marine mussels: an application in samples from the Venetian Lagoon, Fresenius **J. Anal. Chem.**, 361, p.333-337, 1998
- (44) NEMANIČ, TADEJA MILIVOJEVIČ, ZUPANČIČ-KRALJ, LUCIJA, MILAČIČ, RADMILA, ŠČANČAR, JANEZ, Critical Evaluation of

- Different Extraction Procedures for Determination of Organotin Compounds in Mussels, **Acta Chim. Slov.** 54, p. 40-48, 2007
- (45) CHAU, Y.K.; YANG, F.; MAGUIRE, R.J.; Improvement of extraction recovery for the monobutyltin species from sediment, **Analytica Chimica Acta**, 320, p. 165-169, 1996
- (46) CEULEMANS, MICHIEL, ADAMS, FREDDY C.; Evaluation of sample preparation methods for organotin speciation analysis in sediments – focus on monobutyl extraction, **Analytica Chimica Acta**, 317, p. 161-170, 1995
- (47) CEULEMANS, M.; SLAETS, S.; ADAMS, F.; Speciation of organotin in environmental sediment samples, **Talanta**, 46, p.395-405, 1998
- (48) GUÉRIN T *et al.*, Organotin levels in seafood and its implications for health risk in high-seafood consumers, **Sci Total Environ**, article in press, 2007
- (49) SADIKI, ABDEL-ILAH; WILLIAMS, DAVID T.; CARRIER, RICHARD; THOMAS, BARRIER; Pilot study on the contamination of drinking water by organotin compounds from PVC materials, **Pergamon**, 32 (12), p. 2389-2398, 1996
- (50) SADIKI, ABDEL-ILAH; WILLIAMS, DAVID T.; Speciation of organotin and organolead compounds in drinking water by gas chromatography-atomic emission spectrometry, **Pergamon**, 32 (10), p. 1983-1992, 1996
- (51) CAMPILLO, NATALIA; AGUINAGA, NEREA; VIÑAS, PILAR; LÓPEZ-GARCIA, IGNACIO; HERNÁNDEZ-CÓRDOBA, MANUEL; Speciation of organotin compounds in waters and marine sediments using purge-and-trap capillary gas chromatography with atomic emission detection, **Analytica Chimica Acta**, 525, p. 273-280, 2004
- (52) BHOSLE, NARAYAN B.; GARG, ANITA; HARJI, RANJITA; JADHAV, SANGEETA; SAWANT, SUBHASH S.; KRISHNAMURTHY, VENKAT; ANIL, CHANDRASHEKAR; Butyltins in the sediments of Kochi and Mumbai harbours, west coast of India, **Enviroment International**, 32,p. 252-258, 2006
- (53) WASIK, ANDRZEJ; CIESIELSKI, TOMASZ; Determination of organotin compounds in biological samples using accelerated solvent

- extraction, sodium tetraethylborate ethylation, and multicapillary gas chromatography–flame photometric detection, **Anal. Bioanal. Chem.**, 378, p. 1357-1363, 2004
- (54) TANG, CHUAN-HO; WANG, WEI-HSIEN; Optimization of an analytical method for determining organotin compounds in fish tissue by base-hydrolysis pretreatment and simultaneous ethylation–extraction procedures, **Analytica Chimica Acta**, 581, p. 370-376, 2007
- (55) CARLIER-PINASSEAU, C.; ASTRUC, A.; LESPES, G.; ASTRUC, M.; Determination of butyl- and phenyltin compounds in biological material by gas chromatography-flame photometric detection after ethylation with sodium tetraethylborate, **Journal of Chromatography A**, 750, p. 317-325, 1996
- (56) OU, QIN-REN; WHANG, CHEN-WEN; Determination of butyltin and octyltin stabilizers in poly(vinyl chloride) products by headspace solid-phase microextraction and gas chromatography with flame-photometric detection, **Anal. Bioanal. Chem.**, 386, p. 376-381, 2006
- (57) SIMON, STÉPHANE; BUENO, MAÏTÉ; LESPES, GAËTANE, MENCH, MICHEL; POTIN-GAUTIER, MARTINE; Extraction procedure for organotin analysis in plant matrices: optimisation and application, **Talanta**, 57, p. 31-43, 2002
- (58) LE, LE THI HAI; TAKAHASHI, SHIN; SAEKI, KAZUTOSHI; NAKATANI, NOBUTAKE, TANABE, SHINSUKE; MIYAZAKI, NOBUYUKI; FUJISE, YOSHIHIRO; High Percentage of Butyltin Residues in Total Tin in the Livers of Cetaceans from Japanese Coastal Waters, **Environmental Science and technology**, 33(11), p. 1781- 1786, 1999,
- (59) FENT, KARL; LOOSER, PETER W.; Bioaccumulation And Bioavailability Of Tributyltin Chloride: Influence Of Ph And Humic Acids, **Pergamon**, 29(7), p. 1631-1637, 1995
- (60) HORIGUCHI, TOSHIHIRO; SHIRAISHI, HIROAKI; SHIMIZU, MAKOTO; MORITA, MASATOSHI; Effects of triphenyltin chloride and five other organotin compounds on the development of imposex in the rock shell, *Thais clavigera*, **Environmental pollution**, 95(1), p. 85-91, 1997

- (61) GUI-BIN, JIANG; QUN-FANG, ZHOU; Direct Grinard pentylation of organotin-contaminated lard samples followed by capillary gas-chromatography with flame photometric detection, **Journal of Chromatography A**, 886, p. 197-205, 2000
- (62) TAO, HIROAKI; RAJENDRAN, RAMASWAMY BABU; QUETEL, CHRISTOPHE R. NAKAZATO, TETSUYA; TOMINAGA, MAMORU; MIYAZAKI, AKIRA; Tin Speciation in the Femtogram Range in Open Ocean Seawater by Gas Chromatography/Inductively Coupled Plasma Mass Spectrometry Using a Shield Torch at Normal Plasma Conditions, **Analytical Chemistry**, 71, p. 4208-4215, 1999
- (63) MARCIC, CHRISTOPHE; LE HECHO, ISABELLE, DENAIX, LAURENCE; LESPES, GAËTANE; TBT and TPhT persistence in a sludged soil, **Chemosphere**, 65, p. 2322-2332, 2006
- (64) MARCIC, CHRISTOPHE; LESPES, GAËTANE; POTIN-GAUTIER, MARTINE; Pressurised solvent extraction for organotin speciation in vegetable matrices, **Analytical Bionanalytical Chemistry**, 382, p. 1574-1583, 2005
- (65) MZOUGH, N.; LESPES, G.; BRAVO, T. M.; DACHRAOUI, M.; POTIN-GAUTIER, M.; Organotin speciation in Bizerte lagoon (Tunisia), **Science of Total Environment**, 349, p. 211-222, 1995
- (66) FERNANDEZ, M.A.; WAGENER, A. DE LUCA REBELLO; LIMAVERDE, A.M.; SCOFIELD, A.L.; PINHEIRO, F.M.; RODRIGUES, E.; Imposed and surface sediment speciation: A combined approach to evaluate organotin contamination in Guanabara Bay, Rio de Janeiro, Brazil, **Marine Environmental Research**, 59, p. 435-452, 2005
- (67) POINT, D.; MONPERRUS, M.; TESSIER, E.; AMOUROUX, D.; CHAUVAUD, L.; THOUZEAU, G.; JEAN, F.; AMICE, E.; GRALL, J.; LEYNAERT, A.; CLAVIER, J.; DONARD, O.F.X.; Biological control of trace metal and organometal benthic fluxes in a eutrophic lagoon (Thau Lagoon, Mediterranean Sea, France), **Estuarine, coastal and shelf science**, 72, p.457-471, 2007
- (68) DÍAZ, J.; HIGUERA-RUIZ, R.; ELORZA, J.; IRABIEN, A.; ORTIZ, I.; Distribution of butyltin and derivatives in oyster shells and trapped

- sediments of two estuaries in Cantabria (Northern Spain), **Chemosphere**, 67, p. 623-629, 2007
- (69) AMOUROUX, DAVID; TESSIER, EMMANUEL; DONARD, OLIVIERF .X.; Volatilization of Organotin Compounds from Estuarine and Coastal Environments, **Environm. Sci. Technol.**, 34, p. 988-995, 2000
- (70) SHUBERT, PATRICIA; ROSENBERG, ERWIN; GRASSERBAUER, MANFRED; Comparison of of sodium tetraethylborate and sodium tetra(n-propyl)borate`as derivatization reagent for the speciation of organotin and organolead compounds in water samples, **Fresenius J. Anal. Chem.**, 366, p. 356-360, 2000
- (71) GONZÁLEZ-TOLEDO, ENCARN, COMPAÑO, RAMÓN, GRANADOS, MERCÈ, PRAT, M. DOLORS; Detection techniques in speciation analysis of organotin compounds by liquid chromatofraphy, **Trends in analytical Chemistry**, 22(1), p. 26-33, 2003
- (72) EBDON, LES; HILL, STEVE J.; JONES, PHILIP; Speciation of Tin in Natural Waters Using Coupled High-performance Liquid Chromatography - Flame Atomic-absorption Spectrometry, **Analyst**, 110, p. 515-517, 1985
- (73) VIÑAS, PILAR; LÓPEZ-GARCÍA, IGNACIO; MERINO-MEROÑO, BEATRIZ; CAMPILLO, NATALIA; HERNÁNDEZ-CÓRDOBA, MANUEL; Liquid chromatography-hydride generation-atomic absorption spectrometry for the speciation of tin in seafoods, **J. Environ. Monit.**, 6, p. 262-266, 2004
- (74) GONZÁLEZ-TOLEDO, ENCARN; BENZI, MARIO; COMPAÑO, RAMON, GRANADOS, MERCÈ, PRAT, MARIA DOLORS, Speciation of organotin copmpounds in shellfish by liquid chromatography – fluorimetric detection, **Analytica Chimica Acta**, 443, p. 183-190, 2001
- (75) QUEVAUVILLER, PHILIPPE; ASTRUC, MICHEL; MORABITO, ROBERTO; ARIESE, FREEK; EBDON, LES; Collaborative evaluation of methods for tributyltin determinations in sediment and mussel tissue, **Trends in analytical chemistry**, 19(2+3), p. 180-188, 2000
- (76) CHIRON, S.; ROY, S.; COTTIER, R.; JEANNOT, R.; Speciation of butyl- and phenyltin compounds in sediments using pressurized liquid

- extraction and liquid chromatography-inductively coupled plasma mass spectrometry, **Journal of Chromatography A**, 879, p. 137-145, 2000
- (77) ARAMBARI, I.; GARCIA, R.; MILLÁN, E.; Application of experimental design in a method for screening sediments for global determination of organic tin by electrothermal atomic absorption spectrometry (ETAAS), **Fresenius J. Anal. Chem.**, 371, p. 955-960, 2001
- (78) CHAMSAZ, M.; WINEFORDNER, J.D.; Determination of inorganic and organotin compounds in sea water by graphite furnace atomic absorption spectrometry, **Journal of analytical atomic spectrometry**, 3, p. 119-123, 1988
- (79) CABREDO, SUSANA; GALBÁN JAVIER; SANZ, JESÚS; Simultaneous determination of arsenic, antimony, selenium and tin by gas phase molecular absorption spectrometry after two step hydride generation and preconcentration in a cold trap system, **Talanta**, 46, p. 631-638, 1998
- (80) VIEIRA, MARIANA ANTUNES; RIBEIRO, ANDERSON SCHWINGEL; CURTIUS, ADILSON JOSÉ; Slurry sampling of sediments and coals for the determination of Sn by HG-GF AAS with retention in the graphite tube treated with Th or W as permanent modifiers, **Anal. Bioanal. Chem.** P. 380, p. 570-577, 2004
- (81) SCRIVER, CHRISTINE; MESTER, ZOLTÁN; STURGEON, RALPH E.; PÉTER, LÁSZLÓ, WILLIE, SCOTT; Speciation without chromatography: Part2 determination of tributyltin by chloride generation flow injection atomic absorption spectrometry, 17, p. 1511-1515, 2002
- (82) TAO, GUANHONG; FANG, ZHAOLUN; Electrothermal atomic absorption spectrometric determination of ultra-trace amounts of tin by *in situ* preconcentration in a graphite tube using flow injection hydride generation with on-line ion-exchange separation, **Talanta**, 42(3), p. 375-383, 1995
- (83) LÓPEZ-GARCIA, IGNACIO; ARNAU-JEREZ, ISABEL; CAMPILLO, NATALIA, HERNÁNDEZ-CÓRDOBA, MANUEL; Determination of tin and titanium in soils, sediments and sludges using electrothermal atomic

absorption spectrometry with slurry sample introduction, **Talanta**, 62, p. 413-419, 2004

- (84) BOWLES, KARL C.; APTE, SIMON C.; HALES, LEIGH T.; Determination of butyltin species in natural waters using aqueous phase ethylation and off-line room temperature trapping, **Analytica Chimica Acta**, 477, p. 103-111, 2003
- (85) PANNIER, F.; ASTRUC, A.; ASTRUC, M.; Determination of butyltin compounds in marine biological samples by enzymatic hydrolysis and HG-GC-QFAAS detection, **Analytica Chimica Acta**, 327, p. 287-293, 1996
- (86) HAN, FENG; FASCHING, JAMES L.; BROWN, PHYLLIS R.; Speciation of organotin compounds by capillary electrophoresis using indirect ultraviolet absorbance detection, **Journal of Chromatography B**, 669, p. 103-112, 1995
- (87) HONDA, RYUMON; TAWARA, KENJI; NISHIJO, MUNeko; NAKAGAWA, HIDEAKI, TANEBE, KYOKO, SAITO, SHIGERU; Cadmium exposure and trace elements in human breast milk, **Toxicology**, 186, p. 255-259, 2003
- (88) LEOTSINIDIS, MICHALIS; ALEXOPOULOS, ATHANASIOS; KOSTOPOULOU-FARRI, EVANGELIA; Toxic and essential trace elements in human milk from Greek lactating women: Association with dietary habits and other factors, **Chemosphere**, 61, p. 238-247, 2005
- (89) RICA, C. CAMARA; KIRKBRIGHT, G. F.; Determination of trace concentrations of lead and nickel in human milk by electrothermal atomisation atomic absorption spectrophotometry and inductively - coupled plasma emission spectroscopy, **The science of the total environment**, 22, p. 193-201, 1982
- (90) THEODOROLEA, STAVROULA; THOMASIDIS, NIKOLAOS S.; PIPERAKI, EFROSINI; Determination of selenium in human milk by electrothermal atomic absorption spectrometry and chemical modification, **Analytica Chimica Acta**, 547, p. 132-137, 2005
- (91) LÓPEZ-GARCÍA, I.; VIÑAS, P.; ROMERO-ROMERO, R.; HERNÁNDEZ-CÓRDOBA, M.; Liquid chromatography–electrothermal atomic absorption spectrometry for the separation and preconcentration of

- molybdenum in milk and infant formulas, **Analytica Chimica Acta**, 597, p. 187-194, 2007
- (92) FALOMIR, P.; ALEGRÍA, A.; BARBERÁ, R. FARRÉ, R.; LAGARDA, M.J.; Direct determination of lead in human milk by electrothermal atomic absorption spectrometry, **Food chemistry**, 64, p.111-113, 1999
- (93) YAMAWAKI, NAMIKO; YAMADA, MIO; KAN-NO, TAKAHIRO; KOJIMA, TADASHI; Macronutrient, mineral and trace element composition of breast milk from Japanese women, **Journal of, trace elements in medicine and biology**, 19, p.171-181, 2005
- (94) WELZ, B.; SPERLING, M.; **Atomic Absorption Spectrometry**, Wiley-VCH, Weinheim, 1999
- (95) INMETRO, Orientações sobre validação de métodos de ensaios químicos, DOQ-CGCRE-008, p. 1-35, Revisão 01 – Março/2003
- (96) PICCIANO, MARY FRANCES; Nutrient composition of human Milk; *Pediatric clinics of north america*, 48. p. 53-67, 2001