



# BIOTA TEST METHODS

BIOTA METHODS	DESCRIPTION	INSTRUMENTATION
EPA Method 245.6	Determination of Mercury in Tissue	Cold Vapor Atomic Absorption Spectrometry (CVAA)
EPA Method 1613, SW-846 Method 8290	Determination of dioxin and furans	High-Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS)
EPA Method 1614	Determination polychlorinated biphenyl (PCB) congeners	High-Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS)
EPA Method 1630	Methyl Mercury in Water by Distillation	Cold Vapor Atomic Fluorescence Spectrometry (CVAFL)
EPA Method 1631	Mercury in Water by Oxidation and Purge and Trap	Cold Vapor Atomic Fluorescence Spectrometry (CVAFL)
EPA Method 1668	Chlorinated Biphenyl Congeners	High-Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS)
EPA Method 6020	Determination of metals in aqueous matrices	Inductively coupled plasma-mass spectrometry (ICP-MS)
EPA Method 7473	Mercury	Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry
EPA Method 7474	Mercury	Cold Vapor Atomic Absorption Spectrometry (CVAA)
EPA Method 8081	Determination of Organochlorine Pesticides	Gas Chromatography/Electron Capture Detector (GC-ECD)
EPA Method 8082	Determination of PCB Aroclors	Gas Chromatography/Electron Capture Detector (GC-ECD)
EPA Method 8270-SIM	Determination of PAHs	Gas Chromatography /Mass Spectrometry (GC-MS)
EPA 8270C/680/NOAA M	PCB 209 congeners plus homologs	Gas Chromatography /Mass Spectrometry (GC-MS)
EPA 1633 draft	Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples	Liquid Chromatography / Tandem Mass Spectrometry (LC/MS/MS)
In House SOP	Lipids (fat content)	
In House SOP	Percent Moisture	
In House SOP, user defined modified method	PFAS in Tissue Samples	Liquid Chromatography / Tandem Mass Spectrometry (LC/MS/MS)