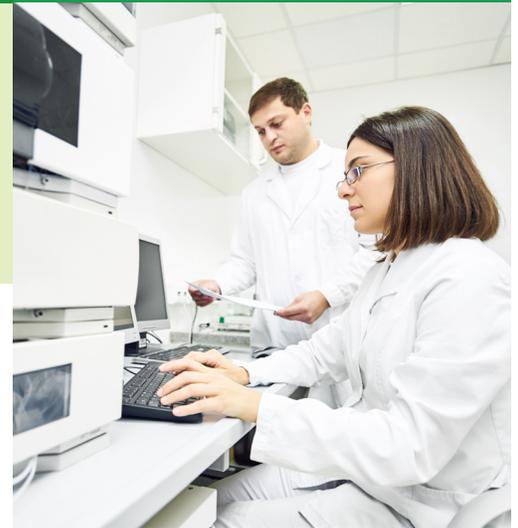


INTRODUCING ENTHALPY ANALYTICAL ULTRATRACE

Dioxin/Furan analysis by industry leading experts.

Introducing Enthalpy Analytical Ultratrace - the premier laboratory for High-Resolution Gas Chromatography / High-Resolution Mass Spectrometry (HRGC/HRMS) analysis of Dioxin/Furans (D/F) by EPA Methods 23, 0023A, 1613, and SW-846 Method 8290. Enthalpy has added isotope dilution services to our national laboratory network to better serve our stack testing, manufacturing and environmental consulting clients with the most accurate and precise, high quality D/F measurements available.



D/F ANALYSIS DONE RIGHT

Our team of experts has over 45 years of combined experience in analyzing D/F samples. Leverage Enthalpy's industry presence and analytical know-how and put our team to work to reduce your regulatory testing burdens and unique project challenges. When you use Enthalpy Ultratrace's capabilities, you add the benefit of efficient, accurate D/F measurements that produce meaningful data and have an experienced Ultratrace laboratory team and Project Managers committed to your project from start to finish.

WHO WE ARE

- Located in Wilmington, NC
- Specializes in Dioxin/Furan analysis by HRGC/HRMS
- Dedicated to excellence, integrity, high ethical standards and a desire to go beyond the minimal method requirements to provide best in class service.
- D/F extraction and analytical capabilities for multiple matrices: air, solids, aqueous, chemical waste, biological tissue and various other materials

STANDARD D/F METHODOLOGY

Stationary Sources:

- EPA Method 23
- EPA SW-846 Method 0023A

Soil/Aqueous/Waste/Other Matrices:

- EPA SW-846 Method 8290
- EPA Method 1613

KEY PERSONNEL & EXPERIENCE

- **Bryan Vining, PhD.**
Over 25 years of laboratory, research, and HRGC/HRMS experience
- **Robin Appelle**
Over 6 years of extraction/prep and HRGC/HRMS experience
- **Cindy Tondeur James**
Over 15 years of HRGC/HRMS, project management, business development, and QA experience

OTHER RELATED SERVICES

- Consulting services for unusual, complex, or intricate projects
- Isotope-dilution analyses to determine amounts of persistent organic pollutants
- Our high-resolution GC/MS instrumentation is optimized for achieving low detection limits (ppt, ppb)
- Future support for PCBs, PAH by HRGC/HRMS

Learn more about our Ultratrace analytical capabilities at
www.enthalpy.com

Enthalpy Analytical, Inc.
(910) 212-5858
info@enthalpy.com



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