

ULTRATRACE ANALYSIS

High-Resolution GC /
High-Resolution MS analysis.

It takes deep knowledge of sample collection, extraction, and analysis to execute a successful Dioxin/Furans (D/F) test program. We are proud to introduce Enthalpy Ultratrace, whose flagship service strives to provide best-in-class consulting and analytical support. Utilizing High-Resolution Gas Chromatography and High-Resolution Mass Spectrometry (HRGC/HRMS) for ultratrace analysis of D/Fs by EPA Methods 23, 0023A, 1613, and SW-846 Method 8290, our team of experts will address your environmental questions and resolve unique regulatory challenges with dependable, science-based solutions.



EXPERIENCE MATTERS

Our team has over 45 years of combined experience in analyzing D/F samples from various matrices, as well as direct involvement with regulatory and client specific method development and consulting. Enthalpy's dedicated Ultratrace laboratory specializes in isotope-dilution analysis and all work is conducted with an integrated approach. We focus on using all available science to produce the highest quality data in terms of accuracy, precision, and the lowest possible measurement uncertainty. Put our commitment to providing high quality and meaningful data, excellent turnaround time, and a dynamic emphasis on customer service to work for you.

SOURCE EMISSIONS ANALYTICAL SERVICES

- Dioxin/Furans by EPA Methods 23 and 0023A
- Industry leading experience solving unique regulatory challenges for stationary source emissions
- Science-based solutions for unusual and complex projects using isotope dilution and HRGC/HRMS
- Sample courier services available to ensure sample integrity and minimize costs associated with shipping hazardous materials
- Future support for extraction and analysis of PCBs and PAHs by HRGC/HRMS

D/F FROM SOLID/AQUEOUS/WASTE/TISSUE MATRICES

- EPA SW-846 Method 8290 and EPA Method 1613 executed to provide maximum data quality
- Flexible and adaptive capabilities for the extraction and analysis of D/Fs from complex and varied matrices
- All matrices are evaluated with a highly proactive approach to avoid potential problems
- Project managers work with clients to develop customized reports for client and/or project-specific requirements
- Primary NELAC accreditation through LADEQ

CONSULTING & PROJECT SERVICES

- Our unique performance-based criteria approach allows us to focus on meeting customer requirements
- Comprehensive project planning, ability to plan QAPPs, and an ability to meet and exceed customer project specifications
- Each project has a dedicated Project Manager as a point of contact
- Our dedicated commitment to excellence, integrity, and data quality is based on the accumulation and application of scientific know-how
- Our goal is to provide superior laboratory practices, always striving to be open to and pursue innovations and scientific advancement

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

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