



## ***DATSCREEN™* A TEQ Reporting Screen**

*DATSCREEN* is applicable to **Wipes, soil and biological** matrices.

*DATSCREEN* measures PCDD/PCDF as part-per-trillion (**ppt, or pg total**) and reports the TEQ for the matrices of interest. *DATSCREEN* uses the **gold standard HRGC-HRMS** method for the detection and screening of dioxins and furans.

*Unlike immunoassay or other biological assays which report a total number based upon a biological response which has been shown to be prone to interferences giving false positives. DATSCREEN* is a TEQ screen for dioxin/furan analysis and provides accurate values for the 2,3,7,8-isomers of PCDD and PCDF. It provides an easy to read "positive" or "negative" result for a sample's individual TEF based on the summation of only the 17 2,3,7,8,w,x,y,z-dioxin/furan responses. *DATSCREEN* is based on the isotope dilution quantification of PCDD/PCDF giving it robust performance and more value for the environmental cleanup effort. The analysis utilizes the method I developed while at EPA, namely EPA Method 8290. The method provides rapid assessment of a site prior to cleanup following stringent regulatory methods or provides additional data after site assessment.

- **7 day turnaround**
- **17 isomer TEQ reporting**
- **No false negative reporting**
- **Similar TEQ detection limit to EPA 8290**

**Call Dr. RK Mitchum for further information.**