



ALS Salt Lake City, UT

GC/MS Screen TO-17

Industrial Hygiene

- TO-14, 15
- Beryllium
- Diesel Particulates
- Pesticides and Herbicides Scans
- TO-17
- Silica
- Methamphetamine
- GC/MS Screens
- Metals Panels
- Aldehydes and Amines
- Antineoplastic / Chemotherapy Drugs

Environmental

- Perchlorate (6850)
- White Phosphorus (7580)
- NDMA
- Explosives/Nitroaromatics
- Vapor Intrusion
- Chemical Agent Breakdown Products by LC/MS
- SW-846 Methods
- EPA CLP
- DoD
- SEDD (Staged Electronic Data Deliverable)

Microbiology/Mycology

- Non-Viable Fungal Spore Analysis
- Viable Fungal and Bacterial Analysis
- Microbial Identification
- Endotoxins/Mycotoxins
- Coliforms and E. coli 0157:H7

Dietary Supplements

- Vitamin Analysis
- Pesticides Screens
- Minerals Analysis
- Heavy Metals

**RIGHT SOLUTIONS
RIGHT PARTNER**

Problem: Known or unknown volatile hydrocarbons may be of concern for indoor air quality or outdoor emission monitoring.

Solution: ALS Laboratory Group offers analysis using GC/MS thermal desorption.

Low-level analysis VOC scan by EPA method TO-17:

- Thermal desorption/GC/MS analysis of carbotrap tubes provides a powerful test for numerous volatile organic hydrocarbons at ppb concentrations in one tube
- Sampling can be done using usual industrial hygiene sampling pumps
- Effective for surveying unknown atmospheres for VOCs
- Semi-quantitative analysis of 58 volatile compounds and up to 30 unknowns identified

Detection Level:	25-100 nanograms / sample
Sampling Requirements:	Volume: Up to 100 L for low Level flow rate: 10-200 mL / minute Grab Sample: 400 mL / minute for 10 minutes Stable for shipping



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