

PCBs: Sample Analytical Methods

EPA Method 8082 or 608:

- Used for permit compliance
- Includes Aroclors
- Does NOT account for weathering
- Likely underestimates PCB concentrations in the environment

EPA Method 1668:

- Targets 209 PCB congeners
- Quantifies more accurately than Aroclors
- Includes weathered, degraded and metabolized PCBs (e.g. congener changes from parent compound)
- Allows for source fingerprinting
- Used by DEQ in PCB study areas since 2005

Method Resolution Comparison:



What are PCB congeners?

Single, distinct chemical compounds with specific numbers of chlorine atoms located in specific positions on the PCB molecule.

