



ENVIRONMENTAL ANALYSES

Pyrethroids by EPA 8270 (GC/MS/SIM)  
August 2008

**Waters**

Analyte	RL	MDL	Units
Allethrin	0.005	0.004	ug/L
Bifenthrin (Biphenthrin)	0.005	0.004	ug/L
Cyfluthrin (Baythroid)	0.005	0.004	ug/L
Lambda-Cyhalothrin	0.005	0.005	ug/L
Cypermethrin	0.005	0.005	ug/L
Deltamethrin:Tralomethrin	0.01	0.007	ug/L
Esfenvalerate:Fenvalerate	0.01	0.007	ug/L
Fenpropathrin (Danitol)	0.005	0.005	ug/L
Tau-Fluvalinate	0.005	0.004	ug/L
Permethrin	0.005	0.004	ug/L
Phenothrin	0.005	0.004	ug/L
Resmethrin	0.005	0.004	ug/L
Tetramethrin	0.005	0.004	ug/L

Optional compounds:

Analyte	RL	MDL	Units
Pyrethrin II	0.5	0.11	ug/L
Pyrethrin I	0.1	0.06	ug/L
Piperonyl Butoxide (PBO)	0.001	0.0003	ug/L
Jasmolin II	0.05	0.004	ug/L
Jasmolin I	0.05	0.02	ug/L
Cinerin II	0.05	0.008	ug/L
Cinerin I	0.05	0.02	ug/L

**Sediments**

Analyte	RL (wet weight)	MDL	Units
Allethrin	0.00033	0.0003	mg/kg
Bifenthrin (Biphenthrin)	0.00033	0.0002	mg/kg
Cyfluthrin (Baythroid)	0.00033	0.0003	mg/kg
Lambda-Cyhalothrin	0.00033	0.0003	mg/kg
Cypermethrin	0.00033	0.0003	mg/kg
Deltamethrin:Tralomethrin	0.00033	0.0006	mg/kg
Esfenvalerate:Fenvalerate	0.00033	0.0006	mg/kg
Fenpropathrin (Danitol)	0.00033	0.0002	mg/kg
Tau-Fluvalinate	0.00033	0.0003	mg/kg
Permethrin	0.00033	0.0002	mg/kg
Phenothrin	0.00033	0.0003	mg/kg
Resmethrin	0.00033	0.0003	mg/kg
Tetramethrin	0.00033	0.0003	mg/kg

Optional compounds:

Analyte	RL (wet weight)	MDL	Units
Pyrethrin II	0.02	0.013	mg/kg
Pyrethrin I	0.005	0.0026	mg/kg
Piperonyl Butoxide (PBO)	0.00007	0.00003	mg/kg
Jasmolin II	0.002	0.0005	mg/kg
Jasmolin I	0.002	0.0011	mg/kg
Cinerin II	0.002	0.0004	mg/kg
Cinerin I	0.002	0.0007	mg/kg