

## 1 Report Title

**Table F.5** Analytical methods available or in development as of 2011 at the National Water Quality Laboratory for lipophilic organic compounds in sediment (Group F).

[LS, laboratory schedule; GC/MS, gas chromatography/mass spectrometry; PAH, polycyclic aromatic hydrocarbon; ASE, automated solvent extraction; LC, laboratory code; PCB, polychlorinated biphenyl; PBDE, polybrominated diphenyl ether; EC-NI, electron-capture/negative-ion spectrometry]

<b>Method</b>	<b>Analytes</b>	<b>Description</b>	<b>Method reference</b>
LS 2502	Semivolatile organic compounds (SVOCs) monitored in streambed sediment for the National Water-Quality Assessment (NAWQA) Program (1992–2001)	Gel-permeation chromatography with GC/MS	Furlong and others (1996)
LS 5433	Some PAHs, some flame retardant compounds, miscellaneous SVOCs, and selected additional wastewater-indicator and industrial compounds <sup>1</sup>	ASE then GC/MS	Burkhardt and others (2006)
LS 5506	PAHs and related alkylated PAHs	ASE then GC/MS	Zaugg and others (2006)
LC 8093	Organohalogenated compounds (PCBs, PBDEs, miscellaneous SVOC flame retardant compounds, and organochlorine insecticides <sup>2</sup> )	ASE then EC-NI GC/MS	Custom method, not yet published

<sup>1</sup>Wastewater-indicator and industrial compounds also are addressed in Group I.

<sup>2</sup>The organochlorine insecticides are in Group B.