

Pesticides and Other Environmentally Relevant Substances that can be Analysed by Rapid Large Volume Sampling

All compounds on this list give reproducible recoveries in large volume experiments. For the majority of solutes, recoveries will be 100% or close to 100%. If a substance is absent from the list it doesn't mean it is impossible to do, it may be that it hasn't been tried yet.

Organophosphorus and Nitrogen Containing Pesticides

Acephate	Atrazine
Azinphos ethyl	Azinphos methyl
Benzolin ethyl	Bromacil
Bromophos ethyl	Bromaphos methyl
Carbophenothion	Chlorfenviphos
Chlorpropham	Chlorpyriphos methyl
Coumaphos	Cyanazine
Desisopropylatrazine	Desmetryn
Diazinone	Dichlorvos
Dimethoate	Disulfoton
Ethoprophos	Fenchlorphos
Fenitrothion	Fenthion
Formothion	Hexazinone
Malathion	Methmitron
Methidathion	Methamidophos
Metrybuzin	Mevinphos
Oxadixyl	Parathion ethyl
Parathion methyl	Penconazole
Primicarb	Phosphamidon
Propazine	Prometryn
Pyrimiphos methyl	Simazine
Sulfotep	Terbutylazine
Terbutryn	Triademefon
Triadimenol	Vamidothion

PCBs

All are easy to do, even the most volatile ones.

PAHs

All are easy to do. Napthalene requires some care in optimization.

OCI Pesticides

Aldrin	o,p-DDD
p,p-DDD	o,p-DDE
p,p-DDE	o,p-DDT
p,p-DDT	Dieldrin
α -Endosulfan	Endrin
Heptachlor	Heptachlor-epoxide
α -Hexachlorocyclohexane	β -Hexachlorocyclohexane
Hexachlorobenzene	Methoxychlor
Mirex	

Miscellaneous

Benzothiazole	Caffeine
Diethylphthalate	Dinitrobenzene
Eptam	Goal
Indole	Nicotine
Cotinine	Ordram
Paarlan	Ro-neet
Sencor	Sutam
Tillam	Trichlorobenzenes
Trifluralin	

Compounds for which some degradation is observed

Mevinphos
Dimethoate
Azinphosmethyl