



DE13 Proficiency test on passive sampling in water 2024

Target compounds LDPE and silicone samplers

Table 1. Initial compound selection for LDPE and silicone samplers. The final selection will be made after consulting participating laboratories.

PCBs	chlorinated pesticides	PAHs	PBDEs
PCB18	2,4'-DDT	Naphthalene	BDE28
PCB28	4,4'-DDT	Acenaphthene	BDE47
PCB31	2,4'-DDD	Acenaphthylene	BDE66
PCB44	4,4'-DDD	Fluorene	BDE85
PCB52	2,4'-DDE	Anthracene	BDE99
PCB101	4,4'-DDE	Phenanthrene	BDE100
PCB105	hexachlorobutadiene	Pyrene	BDE153
PCB118	Pentachlorobenzene	Fluoranthene	BDE154
PCB138	hexachlorobenzene	Chrysene	BDE183
PCB149	alfa-HCH	Chrysene + Triphenylene	BDE209
PCB153	beta-HCH	Benzo[a]anthracene	
PCB156	gamma-HCH	Perylene	PRCs
PCB170	delta-HCH	Benzo[b]fluoranthene	PCB1
PCB180	Aldrin	Benzo[k]fluoranthene	PCB2
PCB187	Dieldrin	Benzo[b+j]fluoranthene a	PCB3
PCB194	Endrin	Benzo[b+k]fluoranthene b	PCB10
PCB209	Isodrin	Benzo[b+j+k]fluoranthene	PCB14
	Endosulfan	Benzo[e]pyrene	PCB21
	cis-Chlordane	Benzo[a]pyrene	PCB50
	trans-Chlordane	Benzo[ghi]perylene	PCB55
	Heptachlor	Indeno[1,2,3-cd]pyrene	PCB78
	trans-heptachlor epoxide	Dibenzo[a,h]anthracene	PCB104
	cis-heptachlor epoxide		PCB145
			PCB204



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Target compounds POCIS-HLB samplers

Table 2. Initial compound selection for POCIS-HLB samplers. The final selection will be made after consulting participating laboratories.

2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	(4-Chloro-2-methylphenoxy)acetic acid (MCPA)
2,4-Dichlorophenoxyacetic acid (2,4-D)	Mecoprop
3,4-dichloroaniline	Mesosulfuron-methyl
Acetamiprid	Metamitron
Atenolol	Metazachlor
Atrazine	Metformin
Bentazon	Metobromuron
Bezafibrate	Metolachlor
Bromacil	Metolachlor ESA
Bromoxynil	Metoprolol
Carbamazepine	Metribuzin
Carbendazim	Metsulfuron-methyl
Chloridazon	Naproxen
Chlorotoluron	Oxazepam
Clarithromycin	Paracetamol
Clindamicyne	Pendimethalin
1-(3,4-dichlorophenyl)-3-methylurea (DCPMU)	Perfluorooctanoic acid (PFOA)
1-(3,4-dichlorophenyl)urea (DCPU)	Perfluorooctanesulfonic acid (PFOS)
Deethylatrazine	Pirimicarb
Deisopropylatrazine	Prometryn
Diazepam	Propanil
Dicamba	Propazine
Diclofenac	Propranolol
Dimethenamid	Prosulfocarb
Diuron	Simazine
Erythromycin	Sotalol
Fluoxetine	Sulfamethoxazole
Furosemide	Tebuconazole
Hexazinone	Terbutylazine
Hydroxyatrazine	Terbutylazine desethyl
Ibuprofen	Terbutryn
Imidacloprid	Thiacloprid
Irbesartan	Thiamethoxam
Irgarol	Tramadol
Isoproturon	Triclopyr
Ketoprofen	Trimethoprim
Lenacil	Venlafaxine