

Environmental SPE Quick Reference Card

Waters Oasis® and classic Sep-Pak® technologies provide fast, reliable and reproducible extractions for your environmental samples.

European Union Water Framework Directive – SPE Solutions		
EU Number	Priority Substance	Oasis HLB Cartridge
240-110-8	Alachlor	60 mg/3 mL
N/A	Aldrin	60 mg/3 mL
204-371-1	Anthracene	200 mg/6 mL
200-342-2	17alpha-ethinylestradiol	200 mg/6 mL
217-617-8	Atrazine	200 mg/6 mL
200-023-8	17beta-estradiol	200 mg/6 mL
207-432-0	Chlorfenvinphos	200 mg/6 mL
220-864-4	Chlorpyrifos	200 mg/6 mL
200-547-7	Dichlorvos	60 mg/3 mL
204-211-0	Di(2-ethylhexyl)phthalate(DEHP) (also bis[ethylhexyl] phthalate)	200 mg/6 mL
239-346-4	Dichlofenac	200 mg/6 mL
N/A	Dieldrin	60 mg/3 mL
206-354-4	Diuron	200 mg/6 mL
204-079-4	Endosulfan	60 mg/3 mL
N/A	Endrin	60 mg/3 mL
200-962-3	Heptachlor	60 mg/3 mL
205-912-4	Fluoranthene	200 mg/6 mL
200-962-3	Heptachlor	60 mg/3 mL
204-273-9	Hexachlorobenzene	60 mg/3 mL
201-765-5	Hexachlorobutadiene	60 mg/3 mL
210-158-9	Hexachlorocyclohexane	60 mg/3 mL
N/A	Isodrin	60 mg/3 mL
251-835-4	Isoproturon	200 mg/6 mL
202-049-5	Naphthalene	200 mg/6 mL
246-672-0	Nonylphenols	200 mg/6 mL
203-199-4	(4-[para]-nonylphenol)	200 mg/6 mL
217-302-5	Octylphenols	200 mg/6 mL
N/A	(4-[1,1',3,3'-tetramethylbutyl]-phenol) AKA para-tert-octylphenol	200 mg/6 mL
210-172-5	Pentachlorobenzene	60 mg/3 mL
231-152-8	Pentachlorophenol (PCP)	60 mg/3 mL
217-179-8	PFOS	Oasis WAX
N/A	Polyaromatic hydrocarbons	200 mg/6 mL
200-028-5	(Benzo[a]pyrene)	200 mg/6 mL
205-911-9	(Benzo[b]fluoranthene)	200 mg/6 mL
205-883-8	(Benzo[g,h,i]perylene)	200 mg/6 mL
205-916-6	(Benzo[k]fluoranthene)	200 mg/6 mL
205-893-2	(Indeno[1,2,3-cd]pyrene)	200 mg/6 mL
204-535-2	Simazine	60 mg/3 mL
216-428-8	Trifluralin	60 mg/3 mL
EU Number	Priority Substance	Sep-Pak Cartridge
211-704-4	Tributyltin compounds	C ₁₈

EPA SPE Solutions		
EPA Method Number	Priority Pollutant	SPE Cartridge
506	Phthalate, Adipate Esters	Sep-Pak C ₁₈
508.1	Chlorinated Pesticides	Sep-Pak C ₁₈
522	1,4-Dioxane	Sep-Pak AC-2
525.3	Semivolatile Organic Chemicals	Oasis HLB
529	Explosives and Related Compounds	Pora-Pak RDX
532	Phenylurea	Sep-Pak C ₁₈
535	Chloroacetanilide, Acetamide Herbicide Degradates	Sep-Pak Carbon
537	PFOS, PFOA	Sep-Pak PS2
548	Endothall	Sep-Pak C ₁₈
549.1	Diquat, Paraquat	Sep-Pak C ₈
549.2	Diquat, Paraquat	Sep-Pak C ₈
550.1	Polycyclic Aromatic Hydrocarbons	Sep-Pak C ₁₈
553	Benzidines	Sep-Pak C ₁₈
554	Carbonyl Compounds	Sep-Pak C ₁₈
555	Chlorinated Acids	XBridge™ C ₁₈ Direct Connect Online SPE
1614	Brominated Diphenyl Ethers	Sep-Pak C ₁₈
1657	Organophosphorus Pesticides	Sep-Pak C ₁₈
1694	Pharmaceuticals, Personal Care Products	Oasis HLB
1699	Pesticides	Sep-Pak NH ₂
8080	Organochlorine Pesticides/ PCBs	Sep-Pak C ₁₈
8082	PCBs	Sep-Pak C ₁₈
8315a	Carbonyl Compounds	Sep-Pak C ₁₈
8318a	n-Methylcarbamates	Sep-Pak C ₁₈ /Oasis HLB
8330	Nitroaromatics, Nitramines	Pora-Pak RDX
8440	Petroleum Hydrocarbons	Sep-Pak Silica
TO-11A	Formaldehyde	Sep-Pak DNPH
–	1,2-Dibromoethane (EDB); 1,2, Dibromo-3-Chloropropane (DBCP)	Sep-Pak Silica
–	Nitrogen, Phosphorus Pesticides	Sep-Pak C ₁₈
–	Organochlorine Pesticides/ PCBs	Sep-Pak C ₁₈
–	Hormones	Sep-Pak C ₁₈
–	Glyphosate	Oasis MAX
–	Haloacetic Acids, Dalapon	Oasis MAX
–	Acids, Base/Neutrals	Oasis HLB
–	Cyanazine	Oasis HLB
–	Carbamate, Urea Pesticides	Oasis HLB
Emerging Contaminants		
–	PFOS, PFOA	Oasis WAX
–	Pharmaceutical Compounds	Oasis HLB
–	Endocrine Disruptors	Oasis HLB

Florisil SPE					
EPA Method Number					
506	609	629	645	8061	8141
509	611	632	646	8080	
515.1	614	633.1	1656	8081	
606	617	636	1658	8111	
607	619	638	1699	8121	
608.2	622.1	639	8032	8131	

– Appropriate for methods based on US EPA reference methods, not subject to US Drinking Water regulations.