

Common Dissolved Substances Absorbed by ABS Materials Sorbent Technology

EPA Primary Water Contaminating Chemicals

acenaphthene	1,3-dichlorobenzene	β-hexachlorocyclohexane
acenaphthylene	1,4-dichlorobenzene	δ-hexachlorocyclohexane
aldrin	dichlorobromomethane	hexachloroethane
anthracene	dichlorodiphenyldichloroethane	indeno[1,2,3-cd]pyrene
benzene	dichlorodiphenyltrichloroethane	isophorone
benzidine	dichlorodiphenyldichloroethylene	methylene chloride
benzo[a]anthracene	1,1-dichloroethane	naphthalene
benzo[a]pyrene	1,2-dichloroethane	nitrobenzene
benzo[b]fluoranthene	1,1-dichloroethylene	2-nitrophenol
benzo[ghi]perylene	1,2-dichloropropane	4-nitrophenol
benzo[k]fluoranthene	1,3-dichloropropylene	N-nitroso-di-n-propylamine
Υ-BHC	dieldrin	N-nitrosodiphenylamine
bis(2-chloroethoxy)methane	diethyl phthalate	PCB-1016
bis(2-chloroethyl)ether	2,4-dimethylphenol	PCB-1221
bis(2-chloroisopropyl) ether	dimethyl phthalate	PCB-1232
bis(2-ethylhexyl) phthalate	di-n-butyl phthalate	PCB-1242
bromoform	4,6-dinitro-o-cresol	PCB-1248
4-bromophenyl phenyl ether	2,4-dinitrophenol	PCB-1254
butyl benzyl phthalate	2,4-dinitrotoluene	PCB-1260
carbon tetrachloride	2,6-dinitrotoluene	pentachlorophenol
chlordane	di-n-octyl phthalate	phenanthrene
chlorobenzene	1,2-diphenylhydrazine	pyrene
p-chlorocresol	α-endosulfan	2,3,7,8-tetrachlorodibenzo-p-dioxin
chlorodibromomethane	β-endosulfan	1,1,2-tetrachloroethane
chloroethane	endosulfan sulfate	tetrachloroethylene
2-chloroethyl vinyl ether	endrin	toluene
chloroform	endrin aldehyde	toxaphene
2-chloronaphthalene	ethylbenzene	trichloroacetoneitrile
2-chlorophenol	fluoranthene	1,2,4-trichlorobenzene
4-chlorophenyl phenyl ether	heptachlor	1,1,1-trichloroethane
chrysene	heptachlor epoxide	1,1,2-trichloroethane
dibenzo[h]anthracene	hexachlorobenzene	trichloroethylene
3,3'-dichlorobenzidine	hexachlorobutadiene	2,4,6-trichlorophenol
1,2-dichlorobenzene	α-hexachlorocyclohexane	vinyl chloride

Emerging Chemical Contaminants

acetochlor	metolachlor
aniline	molinatate
bensulide	nitrobenzene
benzyl chloride	N-nitrosodiphenylamine
1,3-butadiene	norethindrone
butylated hydroxyanisole	oxyfluorfen
sec-butylbenzene	perfluorooctane sulfonic acid
cyanotoxins (microcystin LR)	perfluorooctanoic acid
1,3-dinitrobenzene	permethrin
disulfoton	profenofos
equilenin	n-propylbenzene
estradiol	quinoline
17-α-estradiol	tebuconazole
estriol	tebufenozide
estrone	1,1,1,2-tetrachloroethane
ethinyl estradiol	terbufos
ethoprop	terbufos sulfone
fenamiphos	toluene diisocyanate
α-hexachlorocyclohexane	tribufos
hexane	1,2,3-trichloropropane
mestranol	vinclozolin
4,4'-methylenedianiline	

Industry-Specific Contaminants

Industrial Process Water

agrochem
dye precursors and intermediates
halogenated and non-halogenated solvents
halogenated species
hydrocarbons
plasticizers
plastics monomers
VOCs

Oil & Gas Produced Water

BTEX
dispersed oil
hydrocarbons
non-ionic surfactants

Groundwater Remediation

chlorinated solvents and daughter products
explosives and munitions
non-ionic pharmaceuticals
perfluorinated species
polychlorinated biphenyls (PCBs)
polycyclic aromatic hydrocarbons (PAHs)

