



Organic Compounds Routinely Analyzed at the WQC using LC-MS/MS

Please note - extraction methods for these compounds may not be available for all sample matrices
For more information, or to enquire about a compound not on this list, please email waterqualitycentre@trentu.ca

Antibiotics

ciprofloxacin
sulfamethoxazole
sulfapyridine
trimethoprim

Antidepressants

citalopram
desmethyl citalopram
fluoxetine
norfluoxetine
paroxetine
sertaline
venlafaxine
desmethyl venlafaxine

Antimicrobials

atovaquone
triclocarban
triclosan

Artificial Sweeteners

acesulfame
saccharin
sucralose

Beta Blockers

atenolol
metoprolol
propranolol
sotalol

Current Use Pesticides

atrazine
irgarol
mecoprop
terbutryn

Indicator Compounds

caffeine
cotinine

Industrial Estrogens

bisphenol A
bisphenol S

Opioids

codeine
fentanyl
heroin
hydrocodone
ketamine
metahdone
morphine
oxycodone

Perfluoroalkyl Substances

perfluoroalkyl carboxylates
(including PFOA)
perfluoroalkyl sulfonates
(including PFOS)

Pharmaceuticals

acetaminophen
carbamazepine
metformin
guanyurea

dichlofenac
gemfibrozil
ibuprofen
naproxen

finasteride
levonorgestrel
melengestrol acetate
risperidone

Steroids

androstenedione
estrone

Tire Wear Compounds

HMMM
6-PPD-quinone
diphenyl guanidine