

500 Series Methods - US EPA Safe Drinking Water Act (SDWA)

US EPA Method No.Compound Class	US EPA Method No.Compound Class
501.1, 501.2, 501.3Trihalomethanes	527Pesticides & Flame Retardants (GC/MS)
502.1, 502.2Volatile Halogenated Organics	528Phenols
504.1Ethylene Dibromide/Dibromochloropropane	529Nitroaromatics & Nitramines
505Organohalide Pesticides & PCBs	531.1, 531.2Carbamates
506Phthalate & Adipate Esters	532Phenylurea Pesticides
507Nitrogen & Phosphorus Pesticides	535Chloroacetanilide Herbicide Degradates
508, 508.1, 508AChlorinated Pesticides	547Glyphosate
515, 515.4Chlorinated Acid Herbicides	549.2Paraquat/Diquat
521Nitrosamines	551.1Chlorinated Pesticides & Herbicides
524.1, 524.2Volatile Organics	552, 552.1, 552.2, 552.3Haloacetic Acids and Dalapon
525, 525.1, 525.2Semivolatile Organics	555Chlorinated Acids
526Semivolatile Organics	—Drinking Water Odor Standard

Method 501.1, 501.2, 501.3 (Trihalomethanes)

501 Trihalomethane Mix (4 components)

bromodichloromethane	chloroform
bromoform	dibromochloromethane
200µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30036 (ea.)	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30211 (ea.)	

DW-VOC Mix #1 (8 components)

benzene	1,1-dichloroethene
carbon tetrachloride	1,1,1-trichloroethane
1,4-dichlorobenzene	trichloroethene
1,2-dichloroethane	vinyl chloride
200µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30037 (ea.)	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30219 (ea.)	

DW-VOC Mix #2 (12 components)

chlorobenzene	styrene
1,2-dichlorobenzene	tetrachloroethene
cis-1,2-dichloroethene	toluene
trans-1,2-dichloroethene	m-xylene
1,2-dichloropropane	o-xylene
ethylbenzene	p-xylene
200µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30038 (ea.)	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30220 (ea.)	

DW-VOC Mix #3 (3 components)

methylene chloride	1,1,2-trichloroethane
1,2,4-trichlorobenzene	
200µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30209 (ea.)	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30235 (ea.)	

Revised DW-VOC Kit (200µg/mL)

Contains 1mL each of these mixtures.	
30036:	501 Trihalomethane Mix
30037:	DW-VOC Mix #1
30038:	DW-VOC Mix #2
30209:	DW-VOC Mix #3
cat. # 30210 (kit)	



Quantity discounts not available.

DW-VOC Kit #2 (2,000µg/mL)

Contains 1mL each of these mixtures.	
30211:	501 Trihalomethane Mix
30219:	DW-VOC Mix #1
30220:	DW-VOC Mix #2
30235:	DW-VOC Mix #3
cat. # 30221 (kit)	



Quantity discounts not available.



also available

Rtx®-502.2 GC Columns
See page 102 for details.