

DRINKING WATER METHODS

Method Number	Analytes	Technique
EPA 502.2	Volatile Organics	Purge & Trap, GC
EPA 504.1	DBCP, EDB & TCP	Microextraction, GC, ECD
EPA 508	Organochlorine Pesticides	GC, Extraction, ECD, Capillary
EPA 515.1	Chlorinated Herbicides	Liquid/Liquid/Extraction, GC
EPA 524.2	Volatile Organics	GC/MS, Purge & Trap, Capillary

WASTE WATER METHODS

Method Number	Analytes	Technique
EPA 601	Purgeable Halocarbons	Purge and Trap, GC (HECD)
EPA 602	Purgeable Aromatics	Purge and Trap, GC (PID)
EPA 603	Acrolein & Acrylonitrile	Purge and Trap, GC (FID)
EPA 608	Organochlorine Pesticides & PCBs	Extraction, GC (ECD)
EPA 610	Polynuclear Aromatic HCs	Extraction, GC (FID)
EPA 615	Chlorinated Herbicides	GC, Extraction, ECD, Capillary Column

EPA 625	Bases/Neutrals and Acids	Extraction, GC/MS
Massachusetts EPH	Extractable Petroleum HCs	GC, Extraction, FID
Massachusetts VPH	Volatile Petroleum HCs	GC, Purge & Trap, PID/FID

SW846: EXTRACTION TECHNIQUES

Method Number	Analytes	Technique
SW846 3510C	Semi-Volatile Organics	Separatory Funnel Extraction
SW846 3520C	Semi-Volatile Organics	Continuous Liquid - Liquid Extraction
SW846 3540C	Semi-Volatile Organics	Soxhlet Extraction
SW846 3545	Semi-Volatile Organics	Pressurized Fluid Extraction
SW846 3550B	Semi-Volatile Organics	Ultrasonic Extraction
SW846 3580A	Organics	Waste Dilution
SW846 3610B	Semi-Volatile Organics	Cleanup-Alumina
SW846 3611B	Semi-Volatile Organics	Petroleum Waste, Cleanup-Alumina
SW846 3620B	Semi-Volatile Organics	Cleanup-Florisil
SW846 3630C	Semi-Volatile Organics	Cleanup-Silica Gel
SW846 3640A	Semi-Volatile Organics	Cleanup-Gel Permeation
SW846 3650B	Semi-Volatile Organics	Cleanup-Acid/Base Partition

SW846 3660	Semi-Volatile Organics	Cleanup-Sulfur Removal
SW846 3665A	Semi-Volatile Organics	Cleanup-Sulfuric Acid/KMnO4
SW846 5035	Volatile Organics, Low Concentration	Closed-System Purge & Trap
SW846 5035	Volatile Organics, High Concentration	Methanol Extraction, Closed-System Purge & Trap Only

SW846: ORGANICS ANALYSIS METHODS

Method Number	Analytes	Technique
Massachusetts EPH	Extractable Petroleum HCs	GC, Extraction, FID
Massachusetts VPH	Volatile Petroleum HCs	GC, Purge & Trap, PID/FID
NJOQA - QAM - 025	Total Petroleum Hydrocarbons	GC, Extraction, FID
SW846 8011	DBCP, EDB & TCP	Microextraction, GC, ECD
SW846 8015B	Alcohols	GC, Direct Injection, FID
SW846 8015B	Gasoline Range Organic	GC, Purge & Trap, FID
SW846 8015B	Diesel Range Organics	Extraction, GC, FID
SW846 8021B	Aromatic/Halogenated Volatile	GC, Purge & Trap, PID/HECD
SW846 8081A	Organochlorine Pesticides	GC, Extraction, ECD
SW846 8082	PCBs	GC, Extraction, ECD,

		Capillary
SW846 8100	Polynuclear Aromatic HCs	GC, Extraction, FID
SW846 8151A	Chlorinated Herbicides	GC, Extraction, ECD, Capillary
SW846 8260B	Volatile Organics	GC/MS, Purge & Trap, Capillary
SW846 8270C	Bases/Neutrals and Acids	GC/MS, Extraction, Capillary