

STATUS TABLES FOR
SW-846, THIRD EDITION

FINAL UPDATES I, II, IIA, IIB, III, IIIA, IIIB, IV, V, and VI

REVISED May 2019

HOW TO USE THIS DOCUMENT

This document provides historical information regarding EPA-published SW-846 methods. It contains a listing of SW-846 methods and their publication dates.

Use the "SW-846 Method Status Table" as a reference guide to identify the historical and latest versions of SW-846 methods. Methods in this status table are listed sequentially by method number.

Methods that have "deleted" as the latest status are those methods that have been removed from SW-846 for various reasons, and you will not find that method at the Methods Team web site. See the associated update rulemakings or notices for an explanation regarding why a method was deleted from SW-846.

Use the "Status Table for SW-846 Chapter Text and Other Documents" as a reference guide to identify the historical and latest versions of chapters and other SW-846 documents (e.g., the Disclaimer).

With the publication of the Final Methods Innovation Rule, SW-846 and most of the methods contained therein are no longer required in general by any RCRA regulation. See 40 CFR 260.11(a) (11) for a listing of those SW-846 methods that may be still required by the RCRA regulations for the analysis of method-defined parameters.

Do **not** use a status table as a guide for putting together a paper version of SW-846. Refer to the "Table of Contents" of the update for the order in which chapters and methods should appear in SW-846.

SW-846 METHOD STATUS TABLE

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
0010	--	--	--	--	--	--	Modified Method 5 Sampling Train
--	--	--	0011 (Up. III)	--	--	--	Sampling for Selected Aldehyde and Ketone Emissions from Stationary Sources
0020	--	--	--	--	--	--	Source Assessment Sampling System (SASS)
--	--	--	0023A (Up. III)	--	--	--	Sampling Method for Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofuran Emissions from Stationary Sources (Note: This method is a revision of Method 23, 40 CFR Part 60.)
--	--	--	--	25D Referral	--	--	Determination of the Volatile Organic Concentration of Waste Samples
--	--	--	--	25E Referral	--	--	Determination of Vapor Phase Organic Concentration in Waste Samples
0030	--	--	--	--	--	--	Volatile Organic Sampling Train
--	--	--	0031 (Up. III)	--	--	--	Sampling Method for Volatile Organic Compounds (SMVOC)
--	--	--	0040 (Up. III)	--	--	--	Sampling of Principal Organic Hazardous Constituents from Combustion Sources Using Tedlar® Bags
--	--	--	0050 (Up. III)	--	--	--	Isokinetic HCl/Cl ₂ Emission Sampling Train
--	--	--	0051 (Up. III)	--	--	--	Midget Impinger HCl/Cl ₂ Emission Sampling Train
--	--	--	0060 (Up. III)	--	--	--	Determination of Metals in Stack Emissions

SW-846 METHOD STATUS TABLE (Cont.)

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	0061 (Up. III)	--	--	--	Determination of Hexavalent Chromium Emissions from Stationary Sources
--	--	--	0100 (Up. III)	--	--	--	Sampling for Formaldehyde and Other Carbonyl Compounds in Indoor Air
--	--	--	--	207 Referral	--	--	A Method for Measuring Isocyanates in Stationary Source Emissions
1010	--	--	1010A (Up. IIIB)	--	--	--	Test Methods for Flash Point by Pensky-Martens Closed Cup Tester (Method text is a referral to ASTM Standard D 93-79 or Standard D 93-80)
1020	1020A	--	1020B (Up. IIIB)	--	--	--	Standard Test Methods for Flash Point by Setaflash (Small Scale) Closed-cup Apparatus (Method text is a referral to ASTM Standard D 3278-78)
--	--	--	1030 (Up. III)	--	1030 (07/14)	--	Ignitability of Solids
--	--	--	--	1040	--	--	Test Method for Oxidizing Solids
--	--	--	--	1050	--	--	Test Methods to Determine Substances Likely to Spontaneously Combust
1110	--	--	1110A (Up. IIIB)	--	--	--	Corrosivity Toward Steel
	--	--	1120 (Up. III)	--	--	--	Dermal Corrosion
1310	1310A	--	1310B (Up. IIIB)	--	--	--	Extraction Procedure (EP) Toxicity Test Method and Structural Integrity Test
--	1311	--	--	--	--	--	Toxicity Characteristic Leaching Procedure
--	--	1312	--	--	--	--	Synthetic Precipitation Leaching Procedure

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						1313 (Phase III) (05/19)	Liquid-Solid Partitioning as a Function of Extract pH Using a Parallel Batch Extraction Procedure
						1314 (Phase III) (05/19)	Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio for Constituents in Solid Materials Using an Up-Flow Percolation Column Procedure
						1315 (Phase III) (05/19)	Mass Transfer Rates of Constituents in Monolithic or Compacted Granular Materials Using a Semi-Dynamic Tank Leaching Procedure
						1316 (Phase III) (05/19)	Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio Using a Parallel Batch Extraction Procedure
1320	--	--	--	--	--	--	Multiple Extraction Procedure
1330	1330A	--	--	--	--	--	Extraction Procedure for Oily Wastes
--	--	--	--	--	--	1340 (Phase I) (02/17)	In-Vitro Bioaccessibility Assay For Lead in Soil.
3005	3005A	--	--	--	--	--	Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy
3010	3010A	--	--	--	--	--	Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by FLAA or ICP Spectroscopy
--	--	3015 (Up. II)	--	3015A	--	--	Microwave Assisted Acid Digestion of Aqueous Samples and Extracts
3020	3020A	--	--	--	--	--	Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by GFAA Spectroscopy
--	--	--	3031 (Up. III)	--	--	--	Acid Digestion of Oils for Metals Analysis by Atomic Absorption or ICP Spectrometry

SW-846 METHOD STATUS TABLE (Cont.)

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
3040	--	--	3040A (Up. III)	--	--	--	Dissolution Procedure for Oils, Greases, or Waxes
3050	3050A	--	3050B (Up. III)	--	--	--	Acid Digestion of Sediments, Sludges, and Soils
--	--	3051 (Up. II)	--	3051A	--	--	Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils
--	--	--	3052 (Up. III)	--	--	--	Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices
--	--	--	3060A (Up. III)	--	--	--	Alkaline Digestion for Hexavalent Chromium
--	--	--	--	--	3200 (07/14)	--	Mercury Species Fractionation and Quantification by Microwave Assisted Extraction, Selective Solvent Extraction and/or Solid Phase Extraction
3500	3500A	--	3500B (Up. III)	3500C	--	--	Organic Extraction and Sample Preparation
3510	3510A	3510B (Up. II)	3510C (Up. III)	--	--	--	Separatory Funnel Liquid-Liquid Extraction
--	--	--	--	--	3511 (07/14)	--	Organic Compounds in Water by Microextraction
3520	3520A	3520B (Up. II)	3520C (Up. III)	--	--	--	Continuous Liquid-Liquid Extraction
--	--	--	3535 (Up. III)	3535A	--	--	Solid-Phase Extraction (SPE)
3540	3540A	3540B (Up. III)	3540C (Up. III)	--	--	--	Soxhlet Extraction
--	--	3541 (Up. II)	--	--	--	--	Automated Soxhlet Extraction

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	3542 (Up. III)	--	--	--	Extraction of Semivolatile Analytes Collected Using Method 0010 (Modified Method 5 Sampling Train)
--	--	--	3545 (Up. III)	3545A	--	--	Pressurized Fluid Extraction (PFE)
--	--	--	--	3546	--	--	Microwave Extraction
--	--	3550A (Up. II)	3550B (Up. III)	3550C		--	Ultrasonic Extraction
--	--	--	3560 (Up. III)	--	--	--	Supercritical Fluid Extraction of Total Recoverable Petroleum Hydrocarbons
--	--	--	3561 (Up. III)	--	--	--	Supercritical Fluid Extraction of Polynuclear Aromatic Hydrocarbons
--	--	--	--	3562	--	--	Supercritical Fluid Extraction of Polychlorinated Biphenyls (PCBs) and Organochlorine Pesticides
--	--	--	--	--	3572 (07/14)		Extraction of Wipe Samples for Chemical Agents
3580	3580A	--	--	--	--	--	Waste Dilution
--	--	--	3585 (Up. III)	--	--	--	Waste Dilution for Volatile Organics
3600	3600A	3600B (Up. II)	3600C (Up. III)	--	--	--	Cleanup
3610	3610A	--	3610B (Up. III)	--	--	--	Alumina Cleanup
3611	3611A	--	3611B (Up. III)	--	--	--	Alumina Column Cleanup and Separation of Petroleum Wastes
3620	3620A	--	3620B (Up. III)	3620C	3620C (07/14)	--	Florisil Cleanup

SW-846 METHOD STATUS TABLE (Cont.)

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3630	3630A	3630B (Up. II)	3630B (Up. III)	--	--	--	Silica Gel Cleanup
3640	--	3640A (Up. II)	--	--	--	--	Gel-Permeation Cleanup
3650	3650	--	3650B (Up. III)	--	--	--	Acid-Base Partition Cleanup
3660	3660A	--	3660B (Up. III)	--	--	--	Sulfur Cleanup
--	--	3665 (Up. II)	3665A (Up. III)	--	--	--	Sulfuric Acid/Permanganate Cleanup
--	--	--	--	3815	--	--	Screening Solid Samples for Volatile Organics
3820	--	--	--	--	--	--	Hexadecane Extraction and Screening of Purgeable Organics
--	--	--	4000 (Up. III)	--	--	--	Immunoassay
--	--	4010 (Up. IIA)	4010A (Up. III)	--	--	--	Screening for Pentachlorophenol by Immunoassay
--	--	--	4015 (Up. III)	--	--	--	Screening for 2,4-Dichlorophenoxyacetic Acid by Immunoassay
--	--	--	4020 (Up. III)	--	--	--	Screening for Polychlorinated Biphenyls by Immunoassay
--	--	--	--	--	4025 (07/14)	--	Screening for Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans (PCDD/Fs) by Immunoassay
--	--	--	4030 (Up. III)	--	--	--	Soil Screening for Petroleum Hydrocarbons by Immunoassay
--	--	--	4035 (Up. III)	--	--	--	Soil Screening for Polynuclear Aromatic Hydrocarbons by Immunoassay

SW-846 METHOD STATUS TABLE (Cont.)

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	4040 (Up. III)	--	--	--	Soil Screening for Toxaphene by Immunoassay
--	--	--	4041 (Up. III)	--	--	--	Soil Screening for Chlordane by Immunoassay
--	--	--	4042 (Up. III)	--	--	--	Soil Screening for DDT by Immunoassay
--	--	--	4050 (Up. III)	--	--	--	TNT Explosives in Soil by Immunoassay
--	--	--	4051 (Up. III)	--	--	--	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in Soil by Immunoassay
--	--	--	--	4425	--	--	Screening Extracts of Environmental Samples for Planar Organic Compounds (PAHs, PCBs, PCDDs/PCDFs) by a Reporter Gene on a Human Cell Line
--	--	--	--	--	4430 (07/14)	--	Screening For Polychlorinated Dibenzo-p-Dioxins And Furans (PCDD/Fs) By Aryl Hydrocarbon-Receptor PCR Assay
--	--	--	--	--	4435 (07/14)	--	Method for Toxic Equivalents (TEQs) Determinations for Dioxin-like Chemical Activity with Calux® Bioassay
--	--	--	--	4670	--	--	Triazine Herbicides as Atrazine in Water by Quantitative Immunoassay
--	--	--	5000 (Up. III)	--	--	--	Sample Preparation for Volatile Organic Compounds
--	--	--	5021 (Up. III)	--	5021A (07/14)	--	5021: Volatile Organic Compounds in Soils and Other Solid Sample Matrices Using Equilibrium Headspace Analysis
--	--	--	--	--	--	--	5021A: Volatile Organic Compounds in Various Sample Matrices Using Equilibrium Headspace Analysis
--	--	--	5030B (Up. III)	--	--	--	Purge-and-Trap for Aqueous Samples

SW-846 METHOD STATUS TABLE (Cont.)

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--	--	--	5031 (Up. III)	--	--	--	Volatile, Nonpurgeable, Water-Soluble Compounds by Azeotropic Distillation
--	--	--	5032 (Up. III)	--	--	--	Volatile Organic Compounds by Vacuum Distillation
--	--	--	5035 (Up. III)	--	--	--	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
--	--	5041 (Up. II)	5041A (Up. III)	--	--	--	Analysis for Desorption of Sorbent Cartridges from Volatile Organic Sampling Train (VOST)
--	--	5050 (Up. II)	--	--	--	--	Bomb Preparation Method for Solid Waste
6010	6010A	--	6010B (Up. III)	6010C	6010D (07/14)	6010D (07/18)	Inductively Coupled Plasma-Atomic Emission Spectrometry
--	--	6020 (Up. II)	--	6020A	6020B (07/14)	--	Inductively Coupled Plasma-Mass Spectrometry
--	--	--	--	6200	--	--	Field Portable X-Ray Fluorescence Spectrometry for the Determination of Elemental Concentrations in Soil and Sediment
--	--	--	--	6500	--	--	Dissolved Inorganic Anions in Aqueous Matrices by Capillary Ion Electrophoresis
--	--	--	--	6800	6800 (07/14)	--	Elemental and Speciated Isotope Dilution Mass Spectrometry
7000	7000A	--	--	7000B	--	--	Flame Atomic Absorption Spectrophotometry
--	--	--	--	7010	--	--	Graphite Furnace Atomic Absorption Spectrophotometry
7061	7061A	--	--	--	--	--	Arsenic (Atomic Absorption, Gaseous Hydride)
--	--	7062 (Up. II)	--	--	--	--	Antimony and Arsenic (Atomic Absorption, Borohydride Reduction)

SW-846 METHOD STATUS TABLE (Cont.)

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	7063 (Up III)	--	--	--	Arsenic in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)
7195	--	--	--	--	--	--	Chromium, Hexavalent (Coprecipitation)
7196	7196A	--	--	--	--	--	Chromium, Hexavalent (Colorimetric)
7197	--	--	--	--	--	--	Chromium, Hexavalent (Chelation/Extraction)
7198	--	--	--	--	--	--	Chromium, Hexavalent (Differential Pulse Polarography)
--	--	--	7199 (Up. III)	--	--	--	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
7470	--	7470A	--	--	--	--	Mercury in Liquid Waste (Manual Cold-Vapor Technique)
7471	--	7471A (Up II)	--	7471B	--	--	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)
--	--	--	7472 (Up. III)	--	--	--	Mercury in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)
--	--	--	7473	--	--	--	Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry
--	--	--	7474	--	--	--	Mercury in Sediment and Tissue Samples by Atomic Fluorescence Spectrometry
	--	--	7580 (Up. III)	--	--	--	White Phosphorus (P4) by Solvent Extraction and Gas Chromatography
7741	--	7741A (Up. II)	--	--	--	--	Selenium (Atomic Absorption, Gaseous Hydride)

SW-846 METHOD STATUS TABLE (Cont.)

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	7742 (Up. II)	--	--	--	--	Selenium (Atomic Absorption, Borohydride Reduction)
8000	8000A	--	8000B (Up III)	--	8000D (07/14)	8000D (03/18)	Determinative Chromatographic Separations
--	8011	--	--	--	--	--	1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography
8015	8015A	--	8015B	8015C	--	--	8015C: Nonhalogenated Organics by Gas Chromatography
--	--	--	--	--	--	--	8015D: Nonhalogenated Organics by Gas Chromatography Using GC/FID
--	8021	8021A (Up. II)	8021B (Up. III)	--	8021B (07/14)	--	Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors
--	--	8031 (Up. II)	--	--	--	--	Acrylonitrile by Gas Chromatography
--	--	8032 (Up. II)	8032A (Up. III)	--	--	--	Acrylamide by Gas Chromatography
--	--	--	8033 (Up. III)	--	--	--	Acetonitrile by Gas Chromatography with Nitrogen-Phosphorus Detection
--	--	--	8041 (Up. III)	8041A	--	--	Phenols by Gas Chromatography
--	--	8061 (Up. II)	8061A (Up. III)	--	--	--	Phthalate Esters by Gas Chromatography with Electron Capture Detection (GC/ECD)
--	8070	--	8070A (Up. III)	--	--	--	Nitrosamines by Gas Chromatography
--	--	8081 (Up. II)	8081A (Up. III)	8081B	--	--	Organochlorine Pesticides by Gas Chromatography
--	--	--	8082 (Up. III)	8082A	--	--	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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--	--	--	--	8085	--	--	Compound-independent Elemental Quantitation of Pesticides by Gas Chromatography with Atomic Emission Detection (GC/AED)
--	--	--	8091 (Up. III)	--	--	--	Nitroaromatics and Cyclic Ketones by Gas Chromatography
--	--	--	--	8095	--	--	Explosives by Gas Chromatography
8100	--	--	--	--	--	--	Polynuclear Aromatic Hydrocarbons
--	--	--	8111 (Up. III)	--	8111 (07/14)	--	Haloethers by Gas Chromatography
--	--	8121 (Up. II)	--	--	--	--	Chlorinated Hydrocarbons by Gas Chromatography: Capillary Column Technique
--	--	--	8131 (Up. III)	--	--	--	Aniline and Selected Derivatives by Gas Chromatography
8140	--	--	Deleted (Up. III)	--	--	--	Organophosphorus Pesticides
--	8141	8141 (Up. II)	--	8141B	--	--	Organophosphorus Compounds by Gas Chromatography
--	--	8151 (Up. II)	8151A (Up. III)	--	--	--	Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization
--	--	--	8260B (12/96)	--	--	8260D (Phase II) (06/18)	Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)
--	--	--	--	8261	--	--	Volatile Organic Compounds by Vacuum Distillation in Combination with Gas Chromatography/Mass Spectrometry (VD/GC/MS)

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8270	8270A	8270B (Up. II)	8270C (Up. III)	8270D	8270D (07/14)	8270E (Phase II) (06/18)	Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
--	--	8275 (Up. II)	8275A (Up. III)	--	--	--	Semivolatile Organic Compounds (PAHs and PCBs) in Soils/Sludges and Solid Wastes Using Thermal Extraction/Gas Chromatography/Mass Spectrometry (TE/GC/MS)
--	--	--	--	--	8276 (07/14)	--	Toxaphene and Toxaphene Congeners by Gas Chromatography/Negative Ion Chemical Ionization Mass Spectrometry (GC-NICI/MS)
8280	--	--	8280A (Up. III)	8280B	--	--	Polychlorinated Dibenzo-p-Dioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by High-Resolution Gas Chromatography/Low Resolution Mass Spectrometry (HRGC/LRMS)
--	--	8290 (Up. II)	--	8290A	--	--	Polychlorinated Dibenzo-p-dioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by High-Resolution Gas Chromatography/High-Resolution Mass Spectrometry (HRGC/HRMS)
8310	--	--	--	--	--	--	Polynuclear Aromatic Hydrocarbons
--	--	8315 (Up. II)	8315A (Up. III)	--	--	--	Determination of Carbonyl Compounds by High Performance Liquid Chromatography (HPLC)
--	--	8316 (Up. II)	--	--	--	--	Acrylamide, Acrylonitrile and Acrolein by High Performance Liquid Chromatography (HPLC)
--	--	8318 (Up. II)	--	8318A	--	--	N-Methylcarbamates by High Performance Liquid Chromatography (HPLC)
--	--	8321 (Up. II)	8321A (Up. III)	8321B	--	--	Solvent-Extractable Nonvolatile Compounds by High-Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection

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THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	8325A (Up. III)	--	--	--	Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Particle Beam/Mass Spectrometry (HPLC/PB/MS)
--	--	8330 (Up. II)	--	8330A	--	--	Nitroaromatics and Nitramines by High Performance Liquid Chromatography (HPLC)
--	--	8331 (Up. II)	--	--	--	--	Tetrazene by Reverse Phase High Performance Liquid Chromatography (HPLC)
--	--	--	8332 (Up. III)	--	--	--	Nitroglycerine by High Performance Liquid Chromatography
--	--	8410 (Up. II)	--	--	8410 (07/14)	--	Gas Chromatography/Fourier Transform Infrared (GC/FT-IR) Spectrometry for Semivolatile Organics: Capillary Column
--	--	--	8430 (Up. III)	--	8430 (07/14)	--	Analysis of Bis(2-chloroethyl) Ether and Hydrolysis Products by Direct Aqueous Injection GC/FT-IR
--	--	--	8440 (Up. III)	--	--	--	Total Recoverable Petroleum Hydrocarbons by Infrared Spectrophotometry
--	--	--	--	8510	--	--	Colorimetric Screening Procedure for RDX and HMX in Soil
--	--	--	8515 (Up. III)	--	--	--	Colorimetric Screening Method for Trinitrotoluene (TNT) in Soil
--	--	--	8520 (Up. III)	--	--	--	Continuous Measurement of Formaldehyde in Ambient Air
--	--	--	--	8535	--	--	Screening Procedure for Total Volatile Organic Halides in Water
--	--	--	--	8540	--	--	Pentachlorophenol by UV-induced Colorimetry
--	--	--	--	9000	--	--	Determination of Water in Waste Materials by Karl Fischer Titration

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	--	9001	--	--	Determination of Water in Waste Materials by Quantitative Calcium Hydride Reaction
9010	9010A	--	9010B (Up. III)	--	--	--	Total and Amenable Cyanide: Distillation
--	--	--	9010C (Up. IIIB)	--	--	--	
9012	--	--	9012A (Up. III)	--	--	--	Total and Amenable Cyanide (Automated Colorimetric, with Off-line Distillation)
--	--	--	9012B (Up. III)	--	--	--	
--	9013	--	--	--	9013A (07/14)	--	Cyanide Extraction Procedure for Solids and Oils
--	--	--	9014 (Up. III)	--	9014 (07/14)	--	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
--	--	--	--	--	9015 (07/14)	--	Metal Cyanide Complexes by Anion Exchange Chromatography and UV Detection
9020	9020A	9020B (Up. II)	--	--	--	--	Total Organic Halides (TOX)
--	9021	--	--	--	--	--	Purgeable Organic Halides (POX)
9022	--	--	--	--	--	--	Total Organic Halides (TOX) by Neutron Activation Analysis
--	--	--	9023 (Up. III)	--	--	--	Extractable Organic Halides (EOX) in Solids
9030	9030A	--	9030B (Up. III)	--	--	--	Acid-Soluble and Acid Insoluble Sulfides: Distillation
--	9031	--	--	--	--	--	Extractable Sulfides

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
--	--	--	9034 (Up. III)	--	--	--	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
9035	--	--	--	--	--	--	Sulfate (Colormetric, Automated, Chloranilate)
9036	--	--	--	--	--	--	Sulfate (Colormetric, Automated, Methylthymol Blue, AAll)
9038	--	--	--	--	--	--	Sulfate (Turbidimetric)
9040	--	9040A (Up. II)	9040C (Up. IIIB)	--	--	--	pH Electrometric Measurement
--	--	9040B (Up. II)	--	--	--	--	
9041	9041A	--	--	--	--	--	pH Paper Method
9045	9045A	9045B (Up. II)	9045D (Up. IIIB)	--	--	--	Soil and Waste pH
--	--	9045C (Up. II)	--	--	--	--	
9050	--	--	9050A (Up. III)	--	--	--	Specific Conductance
--	--	9056 (Up. II)	--	9056A	--	--	Determination of Inorganic Anions by Ion Chromatography
--	--	--	9057A (Up. III)	--	--	--	Determonation of Chloride from HCl/CL2 Emission Sampling Train (Methods 0050 and 0051) by Anion Chromatography
--	--	--	9060A (Up. IIIB)	--	--	--	Total Organic Carbon
9065	--	--	--	--	--	--	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
9066	--	--	--	--	--	--	Phenolics (Colorimetric, Manual 4-AAP with Distillation)
9067	--	--	--	--	--	--	Phenolics (Spectrophotometric. MBTH with Distillation)
9070	--	--	--	--	--	--	n-Hexane Extractable Material (HEM) for Aqueous Samples
--	--	--	9070A (Up. IIIB)	--	--	--	Note: Method text is a referral to Method 1664: n-Hexane Extractable Material (HEM; Oil and Grease) and Silicia Gel Treated n-Hexane Extractable Material (SGT_HEM; Non-polar Material) by Extraction and Gravimetry)
9071	--	9071A (Up. II)	9071B (Up. IIIA)	--	--	--	n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples
--	--	--	--	9074	--	--	Turbidimetric Screening Method for Total Recoverable Petroleum Hydrocarbons in Soil
--	--	9075 (Up. II)	--	--	--	--	Test Method for Total Chlorine in New and Used Petroleum Products by X-Ray Fluorescence Spectrometry (XRF)
--	--	9076 (Up. II)	--	--	--	--	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry
--	--	9077 (Up. II)	--	--	--	--	Test Method for Total Chlorine in New and Used Petroleum Products (Field Test Kit Methods)
--	--	--	9078 (Up. III)	--	--	--	Screening Test Method for Polychlorinated Biphenyls in Soil
--	--	--	9079 (Up. III)	--	--	--	Screening Test Method for Polychlorinated Biphenyls in Transformer Oil
9080	--	--	--	--	--	--	Cation-Exchange Capacity of Soils (Ammonium Acetate)
9081	--	--	--	--	--	--	Cation-Exchange Capacity of Soils (Sodium Acetate)

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
9090	9090A	--	--	--	--	--	Compatibility Test for Wastes and Membrane Liners
9095	--	--	9095A (Up. III)	--	--	--	Paint Filter Liquids Test
--	--	--	9095B (Up. IIIB)	--	--	--	
--	--	9096 (Up. II)	--	--	--	--	Liquid Release Test (LRT) Procedure
9100	--	--	--	--	--	--	Saturated Hydraulic Conductivity, Saturated Leachate Conductivity, and Intrinsic Permeability
9131	--	--	--	--	--	--	Total Coliform: Multiple Tube Fermentation Technique
9132	--	--	--	--	--	--	Total Coliform: Membrane-Filter Technique
--	--	--	9210 (Up. III)	9210A	--	--	Potentiometric Determination of Nitrate in Aqueous Samples with an Ion-Selective Electrode
--	--	--	9211 (Up. III)	--	--	--	Potentiometric Determination of Bromide in Aqueous Samples with Ion-Selective Electrode
--	--	--	9212 (Up. III)	--	--	--	Potentiometric Determination of Chloride in Aqueous Samples with Ion-Selective Electrode
--	--	--	9213 (Up. III)	--	--	--	Potentiometric Determination of Cyanide in Aqueous Samples and Distillates with Ion-Selective Electrode
--	--	--	9214 (Up. III)	--	--	--	Potentiometric Determination of Fluoride in Aqueous Samples and Distillates with Ion-Selective Electrode
--	--	--	9215 (Up. III)	--	--	--	Potentiometric Determination of Sulfide in Aqueous Samples and Distillates with Ion-Selective Electrode
--	--	--	--	9216	--	--	Potentiometric Determination of Nitrite in Aqueous Samples and Distillates with Ion-Selective Electrode

SW-846 METHOD STATUS TABLE (Cont.)

METHOD NUMBER (Date in parenthesis is found at bottom right-hand corner of method).							METHOD TITLE
THIRD ED (9/86)	FIN. UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98) IIIB (11/04)	FIN. UP. IV (2/07)	UPDATE V	UPDATE VI	
9250	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AAI)
9251	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AAI)
--	--	9253 (Up. II)	--	--	--	--	Chloride (Titrimetric, Silver Nitrate)
9310	--	--	--	--	--	--	Gross Alpha and Gross Beta
9315	--	--	--	--	--	--	Alpha-Emitting Radium Isotopes
9320	--	--	--	--	9320 (07/14)	--	Radium-228