

US EPA ARCHIVE DOCUMENT

STATUS TABLES FOR
SW-846, THIRD EDITION

FINAL UPDATES I, II, IIA, IIB, III, IIIA, IIIB, IV AND UPDATE V
PLUS OTHER NEW AND REVISED SW-846 METHODS
AT THE ORCR METHODS WEB SITE

REVISED July 2014

HOW TO USE THIS DOCUMENT

This document provides historical information regarding EPA-published SW-846 methods and chapters. It contains two status tables, namely; the "SW-846 Method Status Table," which is a listing of SW-846 methods; and the "Status Table for SW-846 Chapter Text and Other Documents," which lists all other documents in SW-846 (e.g., chapters).

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. The column showing "Other Methods" includes those new and revised validated methods which have not been incorporated into SW-846 methods compendium. Those methods appear at EPA's Office of Resource Conservation and Recovery Methods Team internet site, <http://www.epa.gov/SW-846/>. An integrated version of the manual through Final Update IV is also available at the Methods Team internet site.

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							METHOD TITLE
(Date in parenthesis is found at bottom right-hand corner of method).							
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)	OTHER METHODS (VARIOUS DATES)	UPDATE V	
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

SW-846 METHOD STATUS TABLE (Cont.)

--	--	--	0060 (Up. III)	--	--	--	Determination of Metals in Stack Emissions
--	--	--	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
1320	--	--	--	--	--	--	Multiple Extraction Procedure
1330	1330A	--	--	--	--	--	Extraction Procedure for Oily Wastes
3005	3005A	--	--	--	--	--	Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy

SW-846 METHOD STATUS TABLE (Cont.)

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
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 (7/05)	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 (11/02)	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.)

--	--	--	3542 (Up. III)	--	3542A (5/05)	--	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 (7/07)	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
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

SW-846 METHOD STATUS TABLE (Cont.)

--	--	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 (10/02)	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
--	--	--	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 (12/07)	4430 (07/14)	Screening For Polychlorinated Dibenzo-p-Dioxins And Furans (PCDD/Fs) By Aryl Hydrocarbon-Receptor PCR Assay

SW-846 METHOD STATUS TABLE (Cont.)

--	--	--	--	--	4435 (2/08)	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)	--	--	--	5021: Volatile Organic Compounds in Soils and Other Solid Sample Matrices Using Equilibrium Headspace Analysis
--	--	--	--	--	5021A (6/03)	5021A (07/14)	5021A: Volatile Organic Compounds in Various Sample Matrices Using Equilibrium Headspace Analysis
--	--	--	5030B (Up. III)	--	5030C (5/03)	--	Purge-and-Trap for Aqueous Samples
--	--	--	5031 (Up. III)	--	--	--	Volatile, Nonpurgeable, Water-Soluble Compounds by Azeotropic Distillation
--	--	--	5032 (Up. III)	--	--	--	Volatile Organic Compounds by Vacuum Distillation
--	--	--	5035 (Up. III)	--	5035A (7/02)	--	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)	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

SW-846 METHOD STATUS TABLE (Cont.)

7061	7061A	--	--	--	--	--	Arsenic (Atomic Absorption, Gaseous Hydride)
--	--	7062 (Up. II)	--	--	--	--	Antimony and Arsenic (Atomic Absorption, Borohydride Reduction)
--	--	--	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)
--	--	7742 (Up. II)	--	--	--	--	Selenium (Atomic Absorption, Borohydride Reduction)
8000	8000A	--	8000B (Up III)	--	8000C (3/03)	8000D (07/14)	Determinative Chromatographic Separations
--	8011	--	--	--	--	--	1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

SW-846 METHOD STATUS TABLE (Cont.)

8015	8015A	--	8015B	8015C	--	--	8015C: Nonhalogenated Organics by Gas Chromatography
--	--	--	--	--	8015D (06/03)	--	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
--	--	--	--	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

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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)	--	--	--	Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)
--	--	--	--	8261	8261A (10/06)	--	Volatile Organic Compounds by Vacuum Distillation in Combination with Gas Chromatography/Mass Spectrometry (VD/GC/MS)
8270	8270A	8270B (Up. II)	8270C (Up. III)	8270D	--	8270D (07/14)	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

SW-846 METHOD STATUS TABLE (Cont.)

--	--	--	8325A (Up. III)	--	--	--	Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Particle Beam/Mass Spectrometry (HPLC/PB/MS)
--	--	8330 (Up. II)	--	8330A	8330B	--	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
--	--	--	--	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)	--	--	--	

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--	9013	--	--	--	9013A (11/04)	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 (11/04)	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
--	--	--	9034 (Up. III)	--	--	--	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
9035	--	--	--	--	--	--	Sulfate (Colorimetric, Automated, Chloranilate)
9036	--	--	--	--	--	--	Sulfate (Colorimetric, 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)	--	--	--	--	

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9050	--	--	9050A (Up. III)	--	--	--	Specific Conductance
--	--	9056 (Up. II)	--	9056A	--	--	Determination of Inorganic Anions by Ion Chromatography
--	--	--	9057A (Up. III)	--	--	--	Determination 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)
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)

SW-846 METHOD STATUS TABLE (Cont.)

9081	--	--	--	--	--	--	Cation-Exchange Capacity of Soils (Sodium Acetate)
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
9250	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AAI)
9251	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AAI)
--	--	9253 (Up. II)	--	--	--	--	Chloride (Titrimetric, Silver Nitrate)

SW-846 METHOD STATUS TABLE (Cont.)

9310	--	--	--	--	--	--	Gross Alpha and Gross Beta
9315	--	--	--	--	--	--	Alpha-Emitting Radium Isotopes
9320	--	--	--	--	--	9320 (07/14)	Radium-228