

8000 Series Methods - Resource Conservation and Recovery Act (RCRA)

US EPA Method No.	Compound Class	US EPA Method No.	Compound Class
418.1	Total Recoverable Petroleum Hydrocarbons (TRPH)	8095	Explosives by GC
1311	Toxicity Characteristics Leaching Procedure (TCLP)	8100	Polycyclic Aromatic Hydrocarbons
1664	Oil & Grease	8140, 8141	Organophosphorus Pesticides
3500	Organic Extraction Surrogates	8150, 8151, 8151A	Chlorinated Acid Herbicides
8010	Halogenated Volatile Organics	8240	Volatile Organic Compounds (VOC)
8011	1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane	8260, 8260A, 8260B	Volatile Organic Compounds (VOC)
8020	Aromatic Volatile Organics	8270D, 8270C	Semivolatile Organic Compounds
8021	Volatile Organics	8310	Polycyclic Aromatic Hydrocarbons (PAHs)
8040	Phenols	8315	Aldehydes/Ketones-DNPH by HPLC
8061A	Phthalate Esters	8321	Chlorinated Acids by HPLC
8080, 8081	Chlorinated Pesticides	8330	Nitroaromatics and Nitramines by HPLC
8082, 8082A	PCBs		

Method 418.1 (Total Recoverable Petroleum Hydrocarbons [TRPH])

418.1 Calibration Mix (3 components)

chlorobenzene	25.0% (v/v)	isooctane	37.5%
n-hexadecane	37.5%		
1mL/ampul			
cat. # 30080 (ea.)			

Method 1311 (Toxicity Characteristics Leaching Procedure [TCLP])

TCLP VOA Mix (11 components)

benzene	1,2-dichloroethane
2-butanone (MEK)	1,1-dichloroethene
carbon tetrachloride	tetrachloroethene
chlorobenzene	trichloroethene
chloroform	vinyl chloride
1,4-dichlorobenzene	
2,000µg/mL each in P&T methanol:water (90:10), 1mL/ampul	
cat. # 30024 (ea.)	

TCLP Acid Mix (6 components)

2-methylphenol	pentachlorophenol
3-methylphenol	2,4,5-trichlorophenol
4-methylphenol	2,4,6-trichlorophenol
2,000µg/mL each in methanol, 1mL/ampul	
cat. # 31027 (ea.)	

TCLP B/N Mix (7 components)

1,4-dichlorobenzene	hexachloroethane
2,4-dinitrotoluene	nitrobenzene
hexachlorobenzene	pyridine
hexachlorobutadiene	
2,000µg/mL each in acetone, 1mL/ampul	
cat. # 31028 (ea.)	

TCLP Pesticide Mix (5 components)

γ-BHC (lindane)	heptachlor epoxide (isomer B)
endrin	methoxychlor
heptachlor	
2,000µg/mL each in methanol, 1mL/ampul	
cat. # 32013 (ea.)	

Method 1311 (Toxicity Characteristics Leaching Procedure [TCLP]) cont'd

TCLP Herbicide Mix (2 components)

2,4-D (free acid)	Silvex (free acid)
2,000µg/mL each in methanol, 1mL/ampul	
cat. # 32014 (ea.)	

TCLP Toxaphene Mix

toxaphene
2,000µg/mL in methanol, 1mL/ampul
cat. # 32015 (ea.)

TCLP Chlordane Mix

chlordane (technical)
2,000µg/mL in methanol, 1mL/ampul
cat. # 32016 (ea.)

Method 1664 (Oil & Grease)

1664 Oil & Grease Mix (2 components)

hexadecane	stearic acid
4,000µg/mL each in acetone, 5mL/ampul	
cat. # 31457 (ea.)	

Resprep Oil & Grease SPE Disks also available. See page 397.

Method 3500 (Organic Extraction Surrogates)

High-Concentration Surrogates and Matrix Spike Mixtures for SW-846

- Highest concentrations commercially available—reduces cost per sample extract.
- Convenient 1mL and 5mL packaging.

See Method 8270, pages 479-482.