

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental

Soil/Solid and liquid Industrial Waste

MS-01	pH electrometric measurement (Solids, aqueous waste, water and leachate)
MS-38	Mercury by cold vapor atomic absorption spectrometry (CETAC) (leachate, water, liquids, solids and liquids acid extraction)
MS-49	Determination of total suspended solids (water and wastewater)
MS-93	Total cyanide by automated colorimetric SAN++(Skalar) (wastewater, leachate and water)
MS-94	Amenable Cyanide by automated colorimetric SAN++(Skalar) (wastewater, leachate and water)
MS-96	<p>Metal determination by spectrometry with ICAP 6500 (Thermo) (water, leachate, solids and liquids wastes and soils</p> <p>Water: Silver, Aluminium, Arsenic, Boron, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Iron, Mercury, Manganese, Molybdenum, Sodium, Nickel, Lead, Antimony, Selenium, Tin, Vanadium, Zinc</p> <p>Soils: Silver, Arsenic, Boron, Barium, Cadmium, Cobalt, Chromium, Copper, Mercury, Molybdenum, Nickel, Lead, Selenium, Tin, Zinc</p> <p>leachate, solids and liquids wastes: Silver, Aluminium, Arsenic, Boron, Barium, Beryllium, Bismuth, Cadmium, Cobalt, Chromium, Copper, Iron, Manganese, Molybdenum, Sodium, Nickel, Lead, Antimony, Selenium, Tin, Uranium, Vanadium, Zinc</p>
MS-97	<p>Metal determination by spectrometry with ICAP RQ (water, leachate, solids and liquids wastes and soils</p> <p>Water: Silver, Aluminium, Arsenic, Boron, Barium, Beryllium, Bismuth, Calcium, Cadmium, Cobalt, Chromium, Copper, Iron, Mercury, Potassium, Magnesium, Manganese, Molybdenum, Sodium, Nickel, Lead, Antimony, Selenium, Tin, Titanium, Thallium, Uranium, Vanadium, Zinc</p> <p>Soils: Silver, Aluminium, Arsenic, Boron, Barium, Calcium, Cadmium, Cobalt, Chromium, Copper, Mercury, Potassium, Magnesium, Manganese, Molybdenum, Nickel, Lead, Selenium, Tin, Zinc</p> <p>Leachates, solids and liquids wastes: Silver, Aluminium, Arsenic, Boron, Barium, Beryllium, Bismuth, Calcium, Cadmium, Cobalt, Chromium, Copper, Iron, Mercury, Potassium, Magnesium, Manganese, Molybdenum, Sodium, Nickel, lead, Antimony, Selenium, Tin, Titanium, Thallium, Uranium, Vanadium, Zinc</p>
MS-98	Closed system purge and trap and extraction for volatile organic compounds (waste liquid, solids, leachate and water)

Allyl chloride
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
n-Butylbenzene
Sec-Butylbenzene
Tert-Butylbenzene
Carbon tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
Chloroprene
2-chloroethylvinylether
Chloroform
Chloromethane
2-Chlorotoluene
4-Chlorotoluene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
Dibromomethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
Cis-1,2-Dichloroethylene
Trans-1,2-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropane

	<p>2,2-Dichloropropane 1,1-Dichloropropene Cis-1,3-Dichloropropylene Trans-1,3-Dichloropropylene Ethylbenzene Hexachlorobutadiene Isopropylbenzene 4-Isopropyltoluene Methylene chloride Naphthalene n-Propylbenzene Styrene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloro 1,2,2- Trifluoroethane Tetrachloroethylene Toluene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichlorofluoromethane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 1,2,3-Trichloropropane Vinyl acetate Vinyl chloride m&p-Xylene o-Xylene</p>
MS-105	<p>Semivolatile organic compounds by GC-MS (solids) 1,3-Dimethylnaphthalene 1-Chloronaphthalene 1-Methylnaphthalene</p>

	<p>2,3,5-Trimethylnaphthalene 2-Chloronaphthalene 2-Methylnaphthalene 3-Methylcholanthrene 4-Methylchrysene 5-Methylchrysene 6-Methylchrysene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(c)phenanthrene Benzo(e)pyrene Benzo(g,h,i)perylene Benzo(j)fluoranthene Benzo(k)fluoranthene Chrysene Dibenzo(a,c)anthracene Dibenzo(a,e)pyrene Dibenzo(a,h)acridine Dibenzo(a,h)anthracene Dibenzo(a,h)pyrene Dibenzo(a,i)pyrene Dibenzo(a,l)pyrene Dimethyl-7,12 Benzo (a) anthracene Fluoranthene Fluorene Indeno (1,2,3-cd) pyrene Naphtalene Phenanthrene Pyrene</p>
MS-106	Petroleum Hydrocarbon C10C50 determination by GC-FID (solids)

MS-112	Phenol analysis method using the Skalar SAN++ continuous flow analyzer (liquid residues, leachates and water)
MS-113	Method for analyzing ammoniacal nitrogen using the Skalar SAN++ continuous flow analyzer (liquid residues, leachates and water)
MS-115	Potentiometric determination of fluorides with ion-selective electrode (solids)
MS-117	<p>Volatile organic compounds by SPME-MS (waste liquid, solids, leachate and water)</p> <p>Allyl chloride</p> <p>Benzene</p> <p>Bromobenzene</p> <p>Bromochloromethane</p> <p>Bromodichloromethane</p> <p>Bromoform</p> <p>Bromomethane</p> <p>n-Butylbenzene</p> <p>Sec-Butylbenzene</p> <p>Tert-Butylbenzene</p> <p>Carbon tetrachloride</p> <p>Chlorobenzene</p> <p>Chlorodibromomethane</p> <p>Chloroethane</p> <p>Chloroprene</p> <p>2-chloroethylvinylether</p> <p>Chloroform</p> <p>Chloromethane</p> <p>2-Chlorotoluene</p> <p>4-Chlorotoluene</p> <p>1,2-Dibromo-3-chloropropane</p> <p>1,2-Dibromoethane</p> <p>Dibromomethane</p> <p>1,2-Dichlorobenzene</p> <p>1,3-Dichlorobenzene</p> <p>1,4-Dichlorobenzene</p> <p>Dichlorodifluoromethane</p>

	<p>1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethylene Cis-1,2-Dichloroethylene Trans-1,2-Dichloroethylene 1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene Cis-1,3-Dichloropropylene Trans-1,3-Dichloropropylene Ethylbenzene Hexachlorobutadiene Isopropylbenzene 4-Isopropyltoluene Methylene chloride Naphthalene n-Propylbenzene Styrene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloro 1,2,2- Trifluoroethane Tetrachloroethylene Toluene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichlorofluoromethane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 1,2,3-Trichloropropane Vinyl acetate</p>
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	Vinyl chloride m&p-Xylene o-Xylene
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Number of Scope Listings: 14

Notes

MS-XX: Internals methods

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