

This attachment is to be used to select Technology-Analyte combinations for which initial or additional certifications are requested in the Aqueous matrix. Please note that a PT sample (WP) is required for each combination of Technology + Analyte selected, unless the Laboratory Certification & Registration program has determined that such a PT is not generally available.

CLASS: GENERAL CHEMISTRY

Oxygen Demand assays (BOD or cBOD)

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

Colorimetric or Nephelometric (turbidimetric)

- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand
- Chloride
- Chlorophyll
- Chlorine, Total Residual
- Cyanide, Amenable
- Cyanide, Total
- Fluoride
- Hardness, Total as CaCO₃
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Silica
- Sulfate
- Sulfide
- Surfactants
- Turbidity

Electrometric Assays (i.e. probe, ISE)

- Ammonia as N
- Chloride
- Chlorine, Total Residual
- Cyanide, Total
- Fluoride
- Kjeldahl Nitrogen, Total
- Nitrate
- Organic Halides, Extractable (EOX)
- Organic Halides, Purgeable (POX)
- Oxygen, Dissolved
- pH
- Specific Conductance
- Sulfide

Gravimetric Assays - Residue (solids)

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total (Total Solids)
- Residue, Volatile (TVS)

- Residue, Volatile, Nonfilterable (TVSS)
- Sulfate

Gravimetric Assays - Oil and Grease or Hexane Extractable Materials (HEM)

- Oil and Grease, Hexane Extractable Materials

Combustion or Oxidation

- Adsorbable Organic Halides (AOX)
- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

Titrimetric or Potentiometric Titration Assays

- Acidity as CaCO₃
- Alkalinity
- Ammonia as N
- Bromide
- Chemical Oxygen Demand
- Chloride
- Chlorine, Total Residual
- Cyanide, Amenable
- Cyanide, Total
- Hardness, Total as CaCO₃
- Kjeldahl Nitrogen, Total
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

Ion Chromatography (IC)

- Ammonia as N
- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

FLAA (Flame Atomic Absorption Spectrophotometry)

- Hardness, Total as CaCO₃ (*by calculation*)

ICP (Inductively Coupled Plasma Emission Spectrophotometry)

- Hardness, Total as CaCO₃ (*by calculation*)
- Silica

CLASS: METALS

Cold Vapor Atomic Absorption or Gaseous Hydride Spectrophotometry

- | | |
|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Mercury |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Selenium |

Cold Vapor Atomic Fluorescence Spectrometry (CVAFS)

- | |
|----------------------------------|
| <input type="checkbox"/> Mercury |
|----------------------------------|

Thermal Decomposition Atomic Absorption

- | |
|----------------------------------|
| <input type="checkbox"/> Mercury |
|----------------------------------|

Flame Atomic Absorption Spectrophotometry

- | | | |
|--|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Iridium | <input type="checkbox"/> Rhodium |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Iron | <input type="checkbox"/> Ruthenium |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Lead | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Lithium | <input type="checkbox"/> Sodium |
| <input type="checkbox"/> Bismuth | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Strontium |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Manganese | <input type="checkbox"/> Thallium |
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Tin |
| <input type="checkbox"/> Chromium (Hexavalent) | <input type="checkbox"/> Nickel | <input type="checkbox"/> Titanium |
| <input type="checkbox"/> Chromium (Total) | <input type="checkbox"/> Osmium | <input type="checkbox"/> Vanadium |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Palladium | <input type="checkbox"/> Zinc |
| <input type="checkbox"/> Copper | <input type="checkbox"/> Platinum | <input type="checkbox"/> Zirconium |
| <input type="checkbox"/> Gold | <input type="checkbox"/> Potassium | |

Graphite Furnace Atomic Absorption Spectrophotometry

- | | | |
|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Gold | <input type="checkbox"/> Platinum |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Iridium | <input type="checkbox"/> Rhodium |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Iron | <input type="checkbox"/> Ruthenium |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Lead | <input type="checkbox"/> Selenium |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Lithium | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Bismuth | <input type="checkbox"/> Manganese | <input type="checkbox"/> Thallium |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Tin |
| <input type="checkbox"/> Chromium (Total) | <input type="checkbox"/> Nickel | <input type="checkbox"/> Titanium |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Osmium | <input type="checkbox"/> Vanadium |
| <input type="checkbox"/> Copper | <input type="checkbox"/> Palladium | <input type="checkbox"/> Zinc |

Inductively Coupled Plasma Emission Spectrophotometry (ICP)

- | | | |
|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Iridium | <input type="checkbox"/> Ruthenium |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Iron | <input type="checkbox"/> Selenium |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Lead | <input type="checkbox"/> Silicon |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Lithium | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Sodium |
| <input type="checkbox"/> Bismuth | <input type="checkbox"/> Manganese | <input type="checkbox"/> Strontium |
| <input type="checkbox"/> Boron | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Thallium |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Nickel | <input type="checkbox"/> Tin |
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Osmium | <input type="checkbox"/> Titanium |
| <input type="checkbox"/> Chromium (Total) | <input type="checkbox"/> Palladium | <input type="checkbox"/> Tungsten |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Platinum | <input type="checkbox"/> Vanadium |
| <input type="checkbox"/> Copper | <input type="checkbox"/> Potassium | <input type="checkbox"/> Zinc |
| <input type="checkbox"/> Gold | <input type="checkbox"/> Rhodium | <input type="checkbox"/> Zirconium |

Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)

- | | | |
|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Iron | <input type="checkbox"/> Selenium |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Lead | <input type="checkbox"/> Silicon |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Lithium | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Sodium |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Manganese | <input type="checkbox"/> Strontium |
| <input type="checkbox"/> Bismuth | <input type="checkbox"/> Mercury | <input type="checkbox"/> Thallium |
| <input type="checkbox"/> Boron | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Tin |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Nickel | <input type="checkbox"/> Titanium |
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Osmium | <input type="checkbox"/> Tungsten |
| <input type="checkbox"/> Chromium (Total) | <input type="checkbox"/> Palladium | <input type="checkbox"/> Vanadium |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Platinum | <input type="checkbox"/> Zinc |
| <input type="checkbox"/> Copper | <input type="checkbox"/> Potassium | <input type="checkbox"/> Zirconium |
| <input type="checkbox"/> Gold | <input type="checkbox"/> Rhodium | |
| <input type="checkbox"/> Iridium | <input type="checkbox"/> Ruthenium | |

High Performance Liquid Chromatography (HPLC)

- Mercury
- Organomercury

Ion Chromatography (IC)

- | | | |
|--|------------------------------------|---------------------------------|
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Sodium |
| <input type="checkbox"/> Chromium (Hexavalent) | <input type="checkbox"/> Potassium | |

Colorimetric or Nephelometric (turbidimetric)

- | | | |
|--|---|------------------------------------|
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Chromium (Total) | <input type="checkbox"/> Potassium |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Copper | <input type="checkbox"/> Silicon |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Iron | <input type="checkbox"/> Vanadium |
| <input type="checkbox"/> Boron | <input type="checkbox"/> Lead | <input type="checkbox"/> Zinc |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Manganese | |
| <input type="checkbox"/> Chromium (Hexavalent) | <input type="checkbox"/> Nickel | |

Gravimetric Assays - Residue (solids)

- Magnesium

Titrimetric or Potentiometric Titration Assays

- Calcium

Ultra-Low Level Metals Assays

- Mercury

AQUEOUS MATRIX

CLASS: BNA Semivolatiles

Gas Chromatography-Mass Spectrometry (GC/MS)

○ ★ **BNA ANALYTE GROUP**

- ✓ Class: Phenols (acids)
- ✓ Class: Benzidines
- ✓ Class: Chlorinated Hydrocarbons
- ✓ Class: Haloethers
- ✓ Class: Nitroaromatics
- ✓ Class: Nitrosamines
- ✓ Class: Non-Halogenated Organics
- ✓ Class: Phthalates
- ✓ Class: PAHs

CLASS: Phenols (Acids) included with ★ **BNA ANALYTE GROUP** (GC/MS)

Gas Chromatography (GC)

- | | |
|--|--|
| <input type="checkbox"/> 2,3,4,6-Tetrachlorophenol | <input type="checkbox"/> 4,5,6-Trichloroguaiacol |
| <input type="checkbox"/> 2,3,5,6-Tetrachlorophenol | <input type="checkbox"/> 4,5-Dichlorocatechol |
| <input type="checkbox"/> 2,4,5-Trichlorophenol | <input type="checkbox"/> 4,5-Dichloroguaiacol |
| <input type="checkbox"/> 2,4,6-Trichlorophenol | <input type="checkbox"/> 4,6-Dichlorocatechol |
| <input type="checkbox"/> 2,4-Dichlorophenol | <input type="checkbox"/> 4,6-Dichloroguaiacol |
| <input type="checkbox"/> 2,4-Dimethylphenol | <input type="checkbox"/> 4,6-Dinitro-2-methylphenol |
| <input type="checkbox"/> 2,4-Dinitrophenol | <input type="checkbox"/> 4-Chloro-3-methylphenol (4-Chloro-m-cresol) |
| <input type="checkbox"/> 2,6-Dichlorophenol | <input type="checkbox"/> 4-Chlorocatechol |
| <input type="checkbox"/> 2,6-Dichlorosyringaldehyde | <input type="checkbox"/> 4-Chloroguaiacol |
| <input type="checkbox"/> 2-Chlorophenol | <input type="checkbox"/> 4-Chlorophenol |
| <input type="checkbox"/> 2-Chlorosyringaldehyde | <input type="checkbox"/> 4-Methylphenol (p-Cresol) |
| <input type="checkbox"/> 2-Cyclohexyl-4,6-dinitro-phenol | <input type="checkbox"/> 4-Nitrophenol |
| <input type="checkbox"/> 2-Methylphenol (o-Cresol) | <input type="checkbox"/> 5,6-Dichlorovanillin |
| <input type="checkbox"/> 2-Nitrophenol | <input type="checkbox"/> 5-Chlorovanillin |
| <input type="checkbox"/> 3,4,5-Trichlorocatechol | <input type="checkbox"/> 6-Chlorovanillin |
| <input type="checkbox"/> 3,4,5-Trichloroguaiacol | <input type="checkbox"/> Dinoseb (2-sec-butyl-4,6-Dinitrophenol) |
| <input type="checkbox"/> 3,4,6-Trichlorocatechol | <input type="checkbox"/> Pentachlorophenol |
| <input type="checkbox"/> 3,4,6-Trichloroguaiacol | <input type="checkbox"/> Phenol |
| <input type="checkbox"/> 3,4-Dichlorocatechol | <input type="checkbox"/> Tetrachlorocatechol |
| <input type="checkbox"/> 3,4-Dichloroguaiacol | <input type="checkbox"/> Tetrachloroguaiacol |
| <input type="checkbox"/> 3,6-Dichlorocatechol | <input type="checkbox"/> Trichlorosyringol |
| <input type="checkbox"/> 3-Methylphenol (m-Cresol) | |

Gas Chromatography-Mass Spectrometry (GC/MS)

included with ★ **BNA ANALYTE GROUP**

- | | |
|--|--|
| <input type="checkbox"/> 2,3,4,6-Tetrachlorophenol | <input type="checkbox"/> 4,5,6-Trichloroguaiacol |
| <input type="checkbox"/> 2,3,5,6-Tetrachlorophenol | <input type="checkbox"/> 4,5-Dichlorocatechol |
| <input type="checkbox"/> 2,4,5-Trichlorophenol | <input type="checkbox"/> 4,5-Dichloroguaiacol |
| <input type="checkbox"/> 2,4,6-Trichlorophenol | <input type="checkbox"/> 4,6-Dichlorocatechol |
| <input type="checkbox"/> 2,4-Dichlorophenol | <input type="checkbox"/> 4,6-Dichloroguaiacol |
| <input type="checkbox"/> 2,4-Dimethylphenol | <input type="checkbox"/> 4,6-Dinitro-2-methylphenol |
| <input type="checkbox"/> 2,4-Dinitrophenol | <input type="checkbox"/> 4-Chloro-3-methylphenol (4-Chloro-m-cresol) |
| <input type="checkbox"/> 2,6-Dichlorophenol | <input type="checkbox"/> 4-Chlorocatechol |
| <input type="checkbox"/> 2,6-Dichlorosyringaldehyde | <input type="checkbox"/> 4-Chloroguaiacol |
| <input type="checkbox"/> 2-Chlorophenol | <input type="checkbox"/> 4-Chlorophenol |
| <input type="checkbox"/> 2-Chlorosyringaldehyde | <input type="checkbox"/> 4-Methylphenol (p-Cresol) |
| <input type="checkbox"/> 2-Cyclohexyl-4,6-dinitro-phenol | <input type="checkbox"/> 4-Nitrophenol |
| <input type="checkbox"/> 2-Methylphenol (o-Cresol) | <input type="checkbox"/> 5,6-Dichlorovanillin |
| <input type="checkbox"/> 2-Nitrophenol | <input type="checkbox"/> 5-Chlorovanillin |
| <input type="checkbox"/> 3,4,5-Trichlorocatechol | <input type="checkbox"/> 6-Chlorovanillin |
| <input type="checkbox"/> 3,4,5-Trichloroguaiacol | <input type="checkbox"/> Dinoseb (2-sec-butyl-4,6-Dinitrophenol) |
| <input type="checkbox"/> 3,4,6-Trichlorocatechol | <input type="checkbox"/> Pentachlorophenol |
| <input type="checkbox"/> 3,4,6-Trichloroguaiacol | <input type="checkbox"/> Phenol |
| <input type="checkbox"/> 3,4-Dichlorocatechol | <input type="checkbox"/> Tetrachlorocatechol |
| <input type="checkbox"/> 3,4-Dichloroguaiacol | <input type="checkbox"/> Tetrachloroguaiacol |
| <input type="checkbox"/> 3,6-Dichlorocatechol | <input type="checkbox"/> Trichlorosyringol |
| <input type="checkbox"/> 3-Methylphenol (m-Cresol) | |

CLASS: Benzidines (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

- | | |
|--|---|
| <input type="checkbox"/> 3,3'-Dichlorobenzidine | <input type="checkbox"/> 3,3'-Dimethylbenzidine |
| <input type="checkbox"/> 3,3'-Dimethoxybenzidine | <input type="checkbox"/> Benzidine |

Gas Chromatography-Mass Spectrometry (GC/MS) **included with ★ BNA ANALYTE GROUP**

- | | |
|--|---|
| <input type="checkbox"/> 3,3'-Dichlorobenzidine | <input type="checkbox"/> 3,3'-Dimethylbenzidine |
| <input type="checkbox"/> 3,3'-Dimethoxybenzidine | <input type="checkbox"/> Benzidine |

High Performance Liquid Chromatography (HPLC)

- | | |
|---|------------------------------------|
| <input type="checkbox"/> 3,3'-Dichlorobenzidine | <input type="checkbox"/> Benzidine |
|---|------------------------------------|

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|--|---|
| <input type="checkbox"/> 3,3'-Dichlorobenzidine | <input type="checkbox"/> 3,3'-Dimethylbenzidine |
| <input type="checkbox"/> 3,3'-Dimethoxybenzidine | <input type="checkbox"/> Benzidine |

CLASS: Chlorinated Hydrocarbons (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

- | | |
|---|--|
| <input type="checkbox"/> 1,2,4,5-Tetrachlorobenzene | <input type="checkbox"/> Hexachlorobenzene |
| <input type="checkbox"/> 1,2,4-Trichlorobenzene | <input type="checkbox"/> Hexachlorobutadiene |
| <input type="checkbox"/> 1,2-Dichlorobenzene | <input type="checkbox"/> Hexachlorocyclopentadiene |
| <input type="checkbox"/> 1,3-Dichlorobenzene | <input type="checkbox"/> Hexachloroethane |
| <input type="checkbox"/> 1,4-Dichlorobenzene | <input type="checkbox"/> Pentachlorobenzene |
| <input type="checkbox"/> Benzyl chloride | <input type="checkbox"/> Pentachloroethane |

Gas Chromatography-Mass Spectrometry (GC/MS) **included with ★ BNA ANALYTE GROUP**

- | | |
|---|--|
| <input type="checkbox"/> 1,2,4,5-Tetrachlorobenzene | <input type="checkbox"/> Chlorobenzilate |
| <input type="checkbox"/> 1,2,4-Trichlorobenzene | <input type="checkbox"/> Hexachlorobenzene |
| <input type="checkbox"/> 1,2-Dichlorobenzene | <input type="checkbox"/> Hexachlorobutadiene |
| <input type="checkbox"/> 1,3-Dichlorobenzene | <input type="checkbox"/> Hexachlorocyclopentadiene |
| <input type="checkbox"/> 1,4-Dichlorobenzene | <input type="checkbox"/> Hexachloroethane |
| <input type="checkbox"/> 1-Chloronaphthalene | <input type="checkbox"/> Hexachlorophene |
| <input type="checkbox"/> 2-Chloronaphthalene | <input type="checkbox"/> Hexachloropropene |
| <input type="checkbox"/> 3-(Chloromethyl)pyridine Hydrochloride | <input type="checkbox"/> Pentachlorobenzene |
| <input type="checkbox"/> Benzyl chloride | <input type="checkbox"/> Pentachloroethane |

CLASS: Haloethers (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

- | | |
|---|---|
| <input type="checkbox"/> 4-Bromophenyl phenyl ether | <input type="checkbox"/> Bis(2-chloroethyl) ether |
| <input type="checkbox"/> Bis(2-chloroethoxy)methane | <input type="checkbox"/> Bis(2-chloroisopropyl) ether |

Gas Chromatography-Mass Spectrometry (GC/MS) **included with ★ BNA ANALYTE GROUP**

- | | |
|--|---|
| <input type="checkbox"/> 4-Bromophenyl phenyl ether | <input type="checkbox"/> Bis(2-chloroethyl) ether |
| <input type="checkbox"/> 4-Chlorophenyl phenyl ether | <input type="checkbox"/> Bis(2-chloroisopropyl) ether |
| <input type="checkbox"/> Bis(2-chloroethoxy)methane | |

CLASS: Nitroaromatics & Cyclic Ketones (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

- | | |
|---|--|
| <input type="checkbox"/> 1,2-Dinitrobenzene | <input type="checkbox"/> 1,4-Naphthoquinone |
| <input type="checkbox"/> 1,3-Dinitrobenzene | <input type="checkbox"/> Isophorone |
| <input type="checkbox"/> 1,4-Dinitrobenzene | <input type="checkbox"/> Pentachloronitrobenzene |

Gas Chromatography-Mass Spectrometry (GC/MS) **included with ★ BNA ANALYTE GROUP**

- | | |
|--|---|
| <input type="checkbox"/> 1,3,5-Trinitrobenzene | <input type="checkbox"/> 4,4'-Methylenebis (2-chloroaniline) |
| <input type="checkbox"/> 1,4-Phenylenediamine | <input type="checkbox"/> 4,4'-Methylenebis(N,N-dimethylaniline) |
| <input type="checkbox"/> 1,2-Dinitrobenzene | <input type="checkbox"/> 4,4'-Oxydianiline |
| <input type="checkbox"/> 1,3-Dinitrobenzene | <input type="checkbox"/> 4-Aminobiphenyl |
| <input type="checkbox"/> 1,4-Dinitrobenzene | <input type="checkbox"/> 4-Chloro-1,2-phenylenediamine |
| <input type="checkbox"/> 1,4-Naphthoquinone | <input type="checkbox"/> 4-Chloro-1,3-phenylenediamine |
| <input type="checkbox"/> 1-Naphthylamine | <input type="checkbox"/> 4-Chloroaniline |
| <input type="checkbox"/> 2,4,5-Trimethylaniline | <input type="checkbox"/> 4-Nitroaniline |
| <input type="checkbox"/> 2,4-Diaminotoluene | <input type="checkbox"/> 4-Nitrobiphenyl |
| <input type="checkbox"/> 2,4-Dinitrotoluene | <input type="checkbox"/> 5-Chloro-2-methylaniline |
| <input type="checkbox"/> 2,6-Dinitrotoluene | <input type="checkbox"/> 5-Nitroacenaphthene |
| <input type="checkbox"/> 2-Naphthylamine | <input type="checkbox"/> 5-Nitro-o-anisidine |
| <input type="checkbox"/> 2-Nitroaniline | <input type="checkbox"/> 5-Nitro-o-toluidine |
| <input type="checkbox"/> 2-Nitropropane | <input type="checkbox"/> a,a-Dimethylphenethylamine |
| <input type="checkbox"/> 2-Picoline (2-Methylpyridine) | <input type="checkbox"/> Isophorone |
| <input type="checkbox"/> 3-Amino-9-ethylcarbazole | <input type="checkbox"/> Nitrobenzene |
| <input type="checkbox"/> 3-Nitroaniline | |

CLASS: Nitrosamines (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

- | | |
|---|--|
| <input type="checkbox"/> N-Nitrosodiethylamine | <input type="checkbox"/> N-Nitrosomethylethylamine |
| <input type="checkbox"/> N-Nitrosodimethylamine | <input type="checkbox"/> N-Nitrosomorpholine |
| <input type="checkbox"/> N-Nitrosodi-n-butylamine | <input type="checkbox"/> N-Nitrosopiperidine |
| <input type="checkbox"/> N-Nitrosodiphenylamine | <input type="checkbox"/> N-Nitrosopyrrolidine |
| <input type="checkbox"/> N-Nitrosodipropylamine | |

Gas Chromatography-Mass Spectrometry (GC/MS) **included with ★ BNA ANALYTE GROUP**

- | | |
|---|--|
| <input type="checkbox"/> N-Nitrosodiethylamine | <input type="checkbox"/> N-Nitrosomethylethylamine |
| <input type="checkbox"/> N-Nitrosodimethylamine | <input type="checkbox"/> N-Nitrosomorpholine |
| <input type="checkbox"/> N-Nitrosodi-n-butylamine | <input type="checkbox"/> N-Nitrosopiperidine |
| <input type="checkbox"/> N-Nitrosodiphenylamine | <input type="checkbox"/> N-Nitrosopyrrolidine |
| <input type="checkbox"/> N-Nitrosodipropylamine | |

CLASS: Non-Halogenated Organics (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography-Mass Spectrometry (GC/MS) included with ★ BNA ANALYTE GROUP	
<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> Methapyrilene
<input type="checkbox"/> 1-Acetyl-2-thiourea	<input type="checkbox"/> Methyl Methanesulfonate
<input type="checkbox"/> 2-Acetylaminofluorene	<input type="checkbox"/> Nicotine
<input type="checkbox"/> 2-Aminoanthraquinone	<input type="checkbox"/> Nitrofen
<input type="checkbox"/> 2-Hydroxypropionitrile	<input type="checkbox"/> O,O,O-Triethyl Phosphorothioate
<input type="checkbox"/> 4-Nitroquinoline 1-oxide	<input type="checkbox"/> o-Anisidine
<input type="checkbox"/> 5,5-Diphenylhydantoin	<input type="checkbox"/> Octamethyl Pyrophosphoramidate
<input type="checkbox"/> Acetophenone	<input type="checkbox"/> o-Toluidine
<input type="checkbox"/> Aminoazobenzene	<input type="checkbox"/> p-Benzoquinone
<input type="checkbox"/> Aniline	<input type="checkbox"/> p-Chloroaniline
<input type="checkbox"/> Aramite	<input type="checkbox"/> p-Cresidine
<input type="checkbox"/> Azobenzene	<input type="checkbox"/> Phenacetin
<input type="checkbox"/> Benzoic Acid	<input type="checkbox"/> Phenobarbital
<input type="checkbox"/> Benzyl Alcohol	<input type="checkbox"/> Phthalic Anhydride
<input type="checkbox"/> Biphenyl	<input type="checkbox"/> Piperonyl Sulfoxide
<input type="checkbox"/> Carbazole	<input type="checkbox"/> Propylthiouracil
<input type="checkbox"/> Dibenzofuran	<input type="checkbox"/> Pyridine
<input type="checkbox"/> Diethyl Sulfate	<input type="checkbox"/> Resorcinol
<input type="checkbox"/> Diethylstilbestrol	<input type="checkbox"/> Safrole
<input type="checkbox"/> Dihydrosaffrole	<input type="checkbox"/> Tetraethyl Dithiopyrophosphate
<input type="checkbox"/> Dimethylaminoazobenzene	<input type="checkbox"/> Tetraethyl Pyrophosphate
<input type="checkbox"/> Diphenylamine	<input type="checkbox"/> Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
<input type="checkbox"/> Ethyl Methanesulfonate	<input type="checkbox"/> Thiophenol (Benzenethiol)
<input type="checkbox"/> Fluchloralin	<input type="checkbox"/> Toluene Diisocyanate
<input type="checkbox"/> Hydroquinone	<input type="checkbox"/> Trimethyl Phosphate
<input type="checkbox"/> Isosafrole	<input type="checkbox"/> Tri-p-tolyl Phosphate
<input type="checkbox"/> Maleic Anhydride	<input type="checkbox"/> Tris(2,3-dibromopropyl) phosphate
<input type="checkbox"/> Mestranol	

High Performance Liquid Chromatography (HPLC)

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> Acrolein | <input type="checkbox"/> Acrylonitrile |
| <input type="checkbox"/> Acrylamide | |

CLASS: Phthalates (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)	
<input type="checkbox"/> Benzyl Butyl Phthalate	<input type="checkbox"/> Dimethyl Phthalate
<input type="checkbox"/> Bis(2-ethylhexyl)phthalate	<input type="checkbox"/> Di-n-butyl Phthalate
<input type="checkbox"/> Diethyl Phthalate	<input type="checkbox"/> Di-n-octyl Phthalate

Gas Chromatography-Mass Spectrometry (GC/MS) included with ★ BNA ANALYTE GROUP	
<input type="checkbox"/> Benzyl Butyl Phthalate	<input type="checkbox"/> Dimethyl Phthalate
<input type="checkbox"/> Bis(2-ethylhexyl)phthalate	<input type="checkbox"/> Di-n-butyl Phthalate
<input type="checkbox"/> Diethyl Phthalate	<input type="checkbox"/> Di-n-octyl Phthalate

CLASS: PAH –Polynuclear Aromatic Hydrocarbons (BN) included with ★ BNA ANALYTE GROUP (GC/MS)

Gas Chromatography (GC)

 ★ PAH ANALYTE GROUP

- | | |
|---|---|
| <input type="checkbox"/> 1-Methyl naphthalene | <input type="checkbox"/> Benzo(k)fluoranthene |
| <input type="checkbox"/> 2-Methyl naphthalene | <input type="checkbox"/> Chrysene |
| <input type="checkbox"/> Acenaphthene | <input type="checkbox"/> Dibenzo(a,h)anthracene |
| <input type="checkbox"/> Acenaphthylene | <input type="checkbox"/> Fluoranthene |
| <input type="checkbox"/> Anthracene | <input type="checkbox"/> Fluorene |
| <input type="checkbox"/> Benzo(a)anthracene | <input type="checkbox"/> Indeno(1,2,3-cd)pyrene |
| <input type="checkbox"/> Benzo(a)pyrene | <input type="checkbox"/> Naphthalene |
| <input type="checkbox"/> Benzo(b)fluoranthene | <input type="checkbox"/> Phenanthrene |
| <input type="checkbox"/> Benzo(g,h,i)perylene | <input type="checkbox"/> Pyrene |

Gas Chromatography-Mass Spectrometry (GC/MS) included with ★ BNA ANALYTE GROUP

 ★ PAH ANALYTE GROUP

- | | |
|--|---|
| <input type="checkbox"/> 1-Methylnaphthalene | <input type="checkbox"/> Benzo(k)fluoranthene |
| <input type="checkbox"/> 2-Methylnaphthalene | <input type="checkbox"/> Chrysene |
| <input type="checkbox"/> 3-Methylcholanthrene | <input type="checkbox"/> Dibenz(a,j)acridine |
| <input type="checkbox"/> 7,12-Dimethylbenz(a)-anthracene | <input type="checkbox"/> Dibenzo(a,e)pyrene |
| <input type="checkbox"/> Acenaphthene | <input type="checkbox"/> Dibenzo(a,h)anthracene |
| <input type="checkbox"/> Acenaphthylene | <input type="checkbox"/> Fluoranthene |
| <input type="checkbox"/> Anthracene | <input type="checkbox"/> Fluorene |
| <input type="checkbox"/> Benzo(a)anthracene | <input type="checkbox"/> Indeno(1,2,3-cd)pyrene |
| <input type="checkbox"/> Benzo(a)pyrene | <input type="checkbox"/> Naphthalene |
| <input type="checkbox"/> Benzo(b)fluoranthene | <input type="checkbox"/> Phenanthrene |
| <input type="checkbox"/> Benzo(g,h,i)perylene | <input type="checkbox"/> Pyrene |

High Performance Liquid Chromatography (HPLC)

 ★ PAH ANALYTE GROUP

- | | |
|---|---|
| <input type="checkbox"/> 1-Methylnaphthalene | <input type="checkbox"/> Benzo(k)fluoranthene |
| <input type="checkbox"/> 2-Methylnaphthalene | <input type="checkbox"/> Chrysene |
| <input type="checkbox"/> Acenaphthene | <input type="checkbox"/> Dibenzo(a,h)anthracene |
| <input type="checkbox"/> Acenaphthylene | <input type="checkbox"/> Fluoranthene |
| <input type="checkbox"/> Anthracene | <input type="checkbox"/> Fluorene |
| <input type="checkbox"/> Benzo(a)anthracene | <input type="checkbox"/> Indeno(1,2,3-cd)pyrene |
| <input type="checkbox"/> Benzo(a)pyrene | <input type="checkbox"/> Naphthalene |
| <input type="checkbox"/> Benzo(b)fluoranthene | <input type="checkbox"/> Phenanthrene |
| <input type="checkbox"/> Benzo(g,h,i)perylene | <input type="checkbox"/> Pyrene |

CLASS: Explosives Residue

Gas Chromatography (GC)

- | | |
|--|---|
| <input type="checkbox"/> 1,3,5-Trinitrobenzene | <input type="checkbox"/> 2,6-Dinitrotoluene |
| <input type="checkbox"/> 1,3-Dinitrobenzene | <input type="checkbox"/> Nitrobenzene |
| <input type="checkbox"/> 2,4-Dinitrotoluene | |

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|--|--|
| <input type="checkbox"/> 1,3,5-Trinitrobenzene | <input type="checkbox"/> 2-Nitrotoluene |
| <input type="checkbox"/> 1,3-Dinitrobenzene | <input type="checkbox"/> 3,4-Dinitrotoluene |
| <input type="checkbox"/> 2,3-Dinitrotoluene | <input type="checkbox"/> 3,5-Dinitrotoluene |
| <input type="checkbox"/> 2,4-Dinitrotoluene | <input type="checkbox"/> 3-Nitrotoluene |
| <input type="checkbox"/> 2,5-Dinitrotoluene | <input type="checkbox"/> 4-Methyl-2-nitroaniline |
| <input type="checkbox"/> 2,6-Dinitrotoluene | <input type="checkbox"/> 4-Methyl-3-nitroaniline |
| <input type="checkbox"/> 2-Methyl-3-nitroaniline | <input type="checkbox"/> 4-Nitrotoluene |
| <input type="checkbox"/> 2-Methyl-5-nitroaniline | <input type="checkbox"/> 5-Methyl-2-nitroaniline |
| <input type="checkbox"/> 2-Methyl-6-nitroaniline | <input type="checkbox"/> Nitrobenzene |

High Performance Liquid Chromatography (HPLC)

- | | |
|---|--|
| <input type="checkbox"/> 1,3,5-Trinitrobenzene | <input type="checkbox"/> 4-Amino-2,6-dinitrotoluene |
| <input type="checkbox"/> 1,3-Dinitrobenzene | <input type="checkbox"/> 4-Nitrotoluene |
| <input type="checkbox"/> 2,4,6-Trinitrobenzene | <input type="checkbox"/> HMX |
| <input type="checkbox"/> 2,4,6-Trinitrotoluene | <input type="checkbox"/> Nitrobenzene |
| <input type="checkbox"/> 2,4-Diamino-4-nitrotoluene | <input type="checkbox"/> Nitroglycerine |
| <input type="checkbox"/> 2,4-Dinitrotoluene | <input type="checkbox"/> PETN (Pentaerythritol tetranitrate) |
| <input type="checkbox"/> 2,6-Dinitrotoluene | <input type="checkbox"/> Picric Acid (Trinitrophenol) |
| <input type="checkbox"/> 2-Amino-4,6-dinitrotoluene | <input type="checkbox"/> RDX |
| <input type="checkbox"/> 2-Nitrotoluene | <input type="checkbox"/> Tetryl |
| <input type="checkbox"/> 3-Nitrotoluene | |

CLASS: Aldehydes & Ketones

High Performance Liquid Chromatography (HPLC)

- | | |
|---|---|
| <input type="checkbox"/> Acetaldehyde | <input type="checkbox"/> Isovaleraldehyde |
| <input type="checkbox"/> Acetone | <input type="checkbox"/> m-Tolualdehyde |
| <input type="checkbox"/> Butanal | <input type="checkbox"/> Nonanal |
| <input type="checkbox"/> Crotonaldehyde | <input type="checkbox"/> Octanal |
| <input type="checkbox"/> Cyclohexanone | <input type="checkbox"/> o-Tolualdehyde |
| <input type="checkbox"/> Decanal | <input type="checkbox"/> Pentanal (Valeraldehyde) |
| <input type="checkbox"/> Formaldehyde | <input type="checkbox"/> Propanal (Propionaldehyde) |
| <input type="checkbox"/> Heptanal | <input type="checkbox"/> p-Tolualdehyde |
| <input type="checkbox"/> Hexanal | |

CLASS: Pesticides, Acid (Herbicides)

Gas Chromatography (GC)

- 2,4,5-T
- 2,4,5-TP (Silvex)
- 2,4-D
- 2,4-DB
- 2,4-DB Salts and Esters
- 3,5-Dichlorobenzoic acid
- 4-Nitrophenol
- 5-Hydroxydicamba
- Acifluorfen
- Chloramben
- Dacthal (DCPA)
- Dalapon
- Dicamba
- Dichlorprop Salts and Esters
- Dinoseb
- MCPA Salts and Esters
- MCPP Salts and Esters
- Pentachlorophenol
- Picloram

High Performance Liquid Chromatography (HPLC)

- 2,4,5-T
- 2,4,5-T, butoxyethanol Ester
- 2,4,5-T, butyl ester
- 2,4,5-TP (Silvex)
- 2,4-D
- 2,4-D, butoxyethanol ester
- 2,4-D, ethylhexyl ester
- 2,4-DB salts and Esters
- 3,5-Dichlorobenzoic acid
- Acifluorfen
- Chloramben
- Dalapon
- Dicamba
- Dichlorprop salts and Esters
- Dinoseb
- MCPA salts and Esters
- MCPP salts and Esters
- Pentachlorophenol
- Picloram

Liquid Chromatography-Mass Spectrometry (LC/MS)

- 2,4,5-T
- 2,4,5-T, butoxyethanol Ester
- 2,4,5-T, butyl ester
- 2,4,5-TP (Silvex)
- 2,4-D
- 2,4-D, butoxyethanol ester
- 2,4-D, ethylhexyl ester
- 2,4-DB salts and Esters
- 3,5-Dichlorobenzoic acid
- Acifluorfen
- Chloramben
- Dalapon
- Dicamba
- Dichlorprop salts and Esters
- Dinoseb
- MCPA salts and Esters
- MCPP salts and Esters
- Picloram

AQUEOUS MATRIX

CLASS: Pesticides, OrganoChlorine

Gas Chromatography (GC)

 ★ **PESTICIDES, ORGANOCHLORINE ANALYTE GROUP**

- | | |
|--|---|
| <input type="checkbox"/> 4,4'-DDD | <input type="checkbox"/> Endosulfan Sulfate |
| <input type="checkbox"/> 4,4'-DDE | <input type="checkbox"/> Endrin |
| <input type="checkbox"/> 4,4'-DDT | <input type="checkbox"/> Endrin Aldehyde |
| <input type="checkbox"/> Aldrin | <input type="checkbox"/> Endrin Ketone |
| <input type="checkbox"/> alpha-BHC | <input type="checkbox"/> gamma-BHC (Lindane) |
| <input type="checkbox"/> beta-BHC | <input type="checkbox"/> Heptachlor |
| <input type="checkbox"/> Captafol | <input type="checkbox"/> Heptachlor Epoxide |
| <input type="checkbox"/> Captan | <input type="checkbox"/> Isodrin |
| <input type="checkbox"/> Chlordane | <input type="checkbox"/> Kepone |
| <input type="checkbox"/> Chloroneb | <input type="checkbox"/> Methoxychlor |
| <input type="checkbox"/> delta-BHC | <input type="checkbox"/> Mirex |
| <input type="checkbox"/> Dichlone | <input type="checkbox"/> Pentachloronitrobenzene (PCNB) |
| <input type="checkbox"/> Dieldrin | <input type="checkbox"/> Perthane |
| <input type="checkbox"/> Endosulfan I | <input type="checkbox"/> Strobane |
| <input type="checkbox"/> Endosulfan II | <input type="checkbox"/> Toxaphene |

Gas Chromatography-Mass Spectrometry (GC/MS)

 ★ **PESTICIDES, ORGANOCHLORINE ANALYTE GROUP**

- | | |
|--|---|
| <input type="checkbox"/> 4,4'-DDD | <input type="checkbox"/> Endosulfan Sulfate |
| <input type="checkbox"/> 4,4'-DDE | <input type="checkbox"/> Endrin |
| <input type="checkbox"/> 4,4'-DDT | <input type="checkbox"/> Endrin Aldehyde |
| <input type="checkbox"/> Aldrin | <input type="checkbox"/> Endrin Ketone |
| <input type="checkbox"/> alpha-BHC | <input type="checkbox"/> gamma-BHC (Lindane) |
| <input type="checkbox"/> beta-BHC | <input type="checkbox"/> Heptachlor |
| <input type="checkbox"/> Captafol | <input type="checkbox"/> Heptachlor Epoxide |
| <input type="checkbox"/> Captan | <input type="checkbox"/> Isodrin |
| <input type="checkbox"/> Chlordane | <input type="checkbox"/> Kepone |
| <input type="checkbox"/> delta-BHC | <input type="checkbox"/> Methoxychlor |
| <input type="checkbox"/> Dichlone | <input type="checkbox"/> Mirex |
| <input type="checkbox"/> Dieldrin | <input type="checkbox"/> Pentachloronitrobenzene (PCNB) |
| <input type="checkbox"/> Endosulfan I | <input type="checkbox"/> Toxaphene |
| <input type="checkbox"/> Endosulfan II | |

AQUEOUS MATRIX

CLASS: Pesticides, Nitrogen

Gas Chromatography (GC)

- | | |
|--|--|
| <input type="checkbox"/> Alachlor | <input type="checkbox"/> Fenarimol |
| <input type="checkbox"/> Ametryn | <input type="checkbox"/> Isopropalin |
| <input type="checkbox"/> Aspon | <input type="checkbox"/> Metolachlor |
| <input type="checkbox"/> Benfluralin | <input type="checkbox"/> Metribuzin |
| <input type="checkbox"/> Bentazon | <input type="checkbox"/> Norflurazon |
| <input type="checkbox"/> Bromacil (salts and Esters) | <input type="checkbox"/> Pendimethalin |
| <input type="checkbox"/> Bromoxynil Octanoate | <input type="checkbox"/> Pronamide |
| <input type="checkbox"/> Butachlor | <input type="checkbox"/> Propachlor |
| <input type="checkbox"/> Butylate | <input type="checkbox"/> Propanil |
| <input type="checkbox"/> Chlorothalonil | <input type="checkbox"/> Triadimefon |
| <input type="checkbox"/> Ethalfuralin | <input type="checkbox"/> Trifluralin |

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|--|--|
| <input type="checkbox"/> Alachlor | <input type="checkbox"/> Fenarimol |
| <input type="checkbox"/> Ametryn | <input type="checkbox"/> Isopropalin |
| <input type="checkbox"/> Aspon | <input type="checkbox"/> Metolachlor |
| <input type="checkbox"/> Benfluralin | <input type="checkbox"/> Metribuzin |
| <input type="checkbox"/> Bentazon | <input type="checkbox"/> Norflurazon |
| <input type="checkbox"/> Bromacil (salts and Esters) | <input type="checkbox"/> Pendimethalin |
| <input type="checkbox"/> Bromoxynil Octanoate | <input type="checkbox"/> Pronamide |
| <input type="checkbox"/> Butachlor | <input type="checkbox"/> Propachlor |
| <input type="checkbox"/> Butylate | <input type="checkbox"/> Propanil |
| <input type="checkbox"/> Chlorothalonil | <input type="checkbox"/> Triadimefon |
| <input type="checkbox"/> Ethalfuralin | <input type="checkbox"/> Trifluralin |

High Performance Liquid Chromatography (HPLC)

- | | |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Bromoxynil | <input type="checkbox"/> Secbumeton |
| <input type="checkbox"/> Butylate | <input type="checkbox"/> TCMTB |

Liquid Chromatography-Mass Spectrometry

- | | |
|---|-------------------------------------|
| <input type="checkbox"/> Alachlor-ESA (Alachlor ethane sulfonic acid) | <input type="checkbox"/> Butylate |
| <input type="checkbox"/> Benzoylprop Ethyl | <input type="checkbox"/> Propachlor |
| <input type="checkbox"/> Bromacil (salts and Esters) | |

AQUEOUS MATRIX

CLASS: Pesticides, OrganoPhosphorus

Gas Chromatography (GC)

- | | |
|--|---|
| <input type="checkbox"/> Acephate | <input type="checkbox"/> Hexamethylphosphoramide |
| <input type="checkbox"/> Azinphos Ethyl | <input type="checkbox"/> Leptophos |
| <input type="checkbox"/> Azinphos Methyl | <input type="checkbox"/> Malathion |
| <input type="checkbox"/> Bolstar | <input type="checkbox"/> Merphos |
| <input type="checkbox"/> Carbophenothion | <input type="checkbox"/> Methamidophos |
| <input type="checkbox"/> Chlorfenvinphos | <input type="checkbox"/> Mevinphos |
| <input type="checkbox"/> Chlorpyrifos | <input type="checkbox"/> Monocrotophos |
| <input type="checkbox"/> Chlorpyrifos Methyl | <input type="checkbox"/> Naled |
| <input type="checkbox"/> Coumaphos | <input type="checkbox"/> Parathion (Parathion Ethyl) |
| <input type="checkbox"/> Crotoxyphos | <input type="checkbox"/> Parathion Methyl |
| <input type="checkbox"/> DEF | <input type="checkbox"/> Phorate |
| <input type="checkbox"/> Demeton-O | <input type="checkbox"/> Phosalone |
| <input type="checkbox"/> Demeton-S | <input type="checkbox"/> Phosmet |
| <input type="checkbox"/> Diazinon | <input type="checkbox"/> Phosphamidon |
| <input type="checkbox"/> Dichlofenthion | <input type="checkbox"/> Ronnel |
| <input type="checkbox"/> Dichlorvos | <input type="checkbox"/> Stirofos |
| <input type="checkbox"/> Dicrotophos | <input type="checkbox"/> Sulfotepp |
| <input type="checkbox"/> Dimethoate | <input type="checkbox"/> TEPP |
| <input type="checkbox"/> Dioxathion | <input type="checkbox"/> Terbufos |
| <input type="checkbox"/> Disulfoton | <input type="checkbox"/> Tetrachlorvinphos |
| <input type="checkbox"/> EPN | <input type="checkbox"/> Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate) |
| <input type="checkbox"/> Ethion | <input type="checkbox"/> Tokuthion (Protothiofos) |
| <input type="checkbox"/> Ethoprop | <input type="checkbox"/> Trichloronate |
| <input type="checkbox"/> Famphur | <input type="checkbox"/> Trichlorphon |
| <input type="checkbox"/> Fenitrothion | <input type="checkbox"/> Tri-o-cresylphosphate (TOCP) |
| <input type="checkbox"/> Fensulfothion | |
| <input type="checkbox"/> Fenthion | |
| <input type="checkbox"/> Fonophos | |

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|--|---|
| <input type="checkbox"/> Acephate | <input type="checkbox"/> Fonophos |
| <input type="checkbox"/> Azinphos Ethyl | <input type="checkbox"/> Hexamethylphosphoramide |
| <input type="checkbox"/> Azinphos Methyl | <input type="checkbox"/> Leptophos |
| <input type="checkbox"/> Bolstar | <input type="checkbox"/> Malathion |
| <input type="checkbox"/> Carbophenothion | <input type="checkbox"/> Merphos |
| <input type="checkbox"/> Chlorfenvinphos | <input type="checkbox"/> Methamidophos |
| <input type="checkbox"/> Chlorpyrifos | <input type="checkbox"/> Mevinphos |
| <input type="checkbox"/> Chlorpyrifos Methyl | <input type="checkbox"/> Monocrotophos |
| <input type="checkbox"/> Coumaphos | <input type="checkbox"/> Naled |
| <input type="checkbox"/> Crotoxyphos | <input type="checkbox"/> Parathion (Parathion Ethyl) |
| <input type="checkbox"/> DEF | <input type="checkbox"/> Parathion Methyl |
| <input type="checkbox"/> Demeton-O | <input type="checkbox"/> Phorate |
| <input type="checkbox"/> Demeton-S | <input type="checkbox"/> Phosalone |
| <input type="checkbox"/> Diazinon | <input type="checkbox"/> Phosmet |
| <input type="checkbox"/> Dichlofenthion | <input type="checkbox"/> Phosphamidon |
| <input type="checkbox"/> Dichlorvos | <input type="checkbox"/> Ronnel |
| <input type="checkbox"/> Dicrotophos | <input type="checkbox"/> Stirofos |
| <input type="checkbox"/> Dimethoate | <input type="checkbox"/> Sulfotepp |
| <input type="checkbox"/> Dioxathion | <input type="checkbox"/> TEPP |
| <input type="checkbox"/> Disulfoton | <input type="checkbox"/> Terbufos |
| <input type="checkbox"/> EPN | <input type="checkbox"/> Tetrachlorvinphos |
| <input type="checkbox"/> Ethion | <input type="checkbox"/> Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate) |
| <input type="checkbox"/> Ethoprop | <input type="checkbox"/> Tokuthion (Protothiofos) |
| <input type="checkbox"/> Famphur | <input type="checkbox"/> Trichloronate |
| <input type="checkbox"/> Fenitrothion | <input type="checkbox"/> Trichlorphon |
| <input type="checkbox"/> Fensulfothion | <input type="checkbox"/> Tri-o-cresylphosphate (TOCP) |
| <input type="checkbox"/> Fenthion | |

High Performance Liquid Chromatography (HPLC)

- | | |
|--------------------------------------|---|
| <input type="checkbox"/> Dichlorvos | <input type="checkbox"/> Monocrotophos |
| <input type="checkbox"/> Dimethoate | <input type="checkbox"/> Naled |
| <input type="checkbox"/> Disulfoton | <input type="checkbox"/> Parathion Methyl |
| <input type="checkbox"/> Famphur | <input type="checkbox"/> Phorate |
| <input type="checkbox"/> Fensulfoton | <input type="checkbox"/> Trichlorphon |
| <input type="checkbox"/> Merphos | |

Liquid Chromatography – Mass Spectrometry (LC/MS)

- | | |
|--------------------------------------|---|
| <input type="checkbox"/> Dichlorvos | <input type="checkbox"/> Monocrotophos |
| <input type="checkbox"/> Dimethoate | <input type="checkbox"/> Naled |
| <input type="checkbox"/> Disulfoton | <input type="checkbox"/> Parathion Methyl |
| <input type="checkbox"/> Famphur | <input type="checkbox"/> Phorate |
| <input type="checkbox"/> Fensulfoton | <input type="checkbox"/> Trichlorphon |
| <input type="checkbox"/> Merphos | |

CLASS: Pesticides, Triazine

Gas Chromatography (GC)

- | | |
|--|------------------------------------|
| <input type="checkbox"/> Atraton | <input type="checkbox"/> Prometon |
| <input type="checkbox"/> Atrazine | <input type="checkbox"/> Prometryn |
| <input type="checkbox"/> Cyanazine | <input type="checkbox"/> Propazine |
| <input type="checkbox"/> Deisopropylatrazine | <input type="checkbox"/> Simazine |
| <input type="checkbox"/> Desethylatrazine | <input type="checkbox"/> Terbutryn |
| <input type="checkbox"/> Diaminoatrazine | |

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|--|------------------------------------|
| <input type="checkbox"/> Atraton | <input type="checkbox"/> Prometon |
| <input type="checkbox"/> Atrazine | <input type="checkbox"/> Prometryn |
| <input type="checkbox"/> Cyanazine | <input type="checkbox"/> Propazine |
| <input type="checkbox"/> Deisopropylatrazine | <input type="checkbox"/> Simazine |
| <input type="checkbox"/> Desethylatrazine | <input type="checkbox"/> Terbutryn |
| <input type="checkbox"/> Diaminoatrazine | |

CLASS: Pesticides, Carbamate & Urea

Gas Chromatography (GC)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Barban | <input type="checkbox"/> KN Methyl |
| <input type="checkbox"/> Busan 41 | <input type="checkbox"/> Mexacarbate |
| <input type="checkbox"/> Busan 85 | <input type="checkbox"/> Nabam |
| <input type="checkbox"/> Carbam-S | <input type="checkbox"/> Nabonate |
| <input type="checkbox"/> Carbaryl | <input type="checkbox"/> Sulfallate |
| <input type="checkbox"/> Carbofuran | <input type="checkbox"/> Tebuthiuron |
| <input type="checkbox"/> Dazomet | <input type="checkbox"/> Terbacil |
| <input type="checkbox"/> Diallate (cis or trans) | <input type="checkbox"/> Ziram |
| <input type="checkbox"/> Ethyl Carbamate | |

Gas Chromatography-Mass Spectrometry (GC/MS)

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> Barban | <input type="checkbox"/> Carbofuran |
| <input type="checkbox"/> Busan 41 | <input type="checkbox"/> Dazomet |
| <input type="checkbox"/> Busan 85 | <input type="checkbox"/> Diallate (cis or trans) |
| <input type="checkbox"/> Carbam-S | <input type="checkbox"/> Ethyl Carbamate |
| <input type="checkbox"/> Carbaryl | <input type="checkbox"/> KN Methyl |

- Mexacarbate
- Nabam
- Nabonate
- Sulfallate

- Tebuthiuron
- Terbacil
- Ziram

High Performance Liquid Chromatography (HPLC)

- 3-Hydroxycarbofuran
- Aldicarb
- Aldicarb Sulfone
- Aldicarb Sulfoxide
- Bendiocarb
- Carbaryl
- Carbofuran
- Dioxacarb
- Diuron
- Fluometuron
- Linuron

- m-Cumenyl methylcarbamate
- Methiocarb
- Metolcarb
- Mexacarbate
- Oxamyl
- Promecarb
- Propanil
- Propoxur
- Siduron
- Tebuthiuron
- Thiodicarb

Liquid Chromatography-Mass Spectrometry

- 3-Hydroxycarbofuran
- Aldicarb
- Aldicarb Sulfone
- Aldicarb Sulfoxide
- Aminocarb
- Asulam
- Barban
- Bendiocarb
- Benomyl
- Carbaryl
- Carabendazim
- Carbofuran
- Carbosulfan
- Chloroprotham
- Chloroxuron
- Diuron
- EPTC
- Fenuron
- Fenuron-TCA
- Fluometuron
- Linuron
- m-Cumenyl methylcarbamate

- Methiocarb
- Methomyl
- Metolcarb
- Mexacarbate
- Molinate
- Monuron
- Monuron-TCA
- Neburon
- o-Chlorophenyl Thiourea
- Oxamyl
- Pebulate
- Protham
- Propoxur
- Prosulfocarb
- Siduron
- Tebuthiuron
- Thiodicarb
- Thiofanox
- Thiophanate-methyl
- Triallate
- Vernolate

Colorimetric or Nephelometric (turbidimetric)

- Busan 40
- Busan 85
- Carbam-S
- Dazomet

- KN Methyl
- Nabam
- Ziram

AQUEOUS MATRIX

CLASS: Pesticides, Not Otherwise Specified

Gas Chromatography (GC)

-
- Permethrin

-
- Vapam

Gas Chromatography-Mass Spectrometry (GC/MS)

-
- Endothall

-
- Strychnine

High Performance Liquid Chromatography (HPLC)

-
- Diquat
-
-
- Fenvalerate
-
-
- Glyphosate

-
- Paraquat
-
-
- Pyrethrin I
-
-
- Pyrethrin II

Liquid Chromatography-Mass Spectrometry

-
- Rotenone

Colorimetric or Nephelometric (turbidimetric)

-
- Vapam

CLASS: Petroleum Hydrocarbons

Gas Chromatography (GC)

-
- Diesel Range Organics (DRO)
-
-
- Gasoline Range Organics (GRO)

-
- Petroleum Volatile Organic Compounds (PVOC)

Gas Chromatography-Mass Spectrometry (GC/MS)

-
- Petroleum Volatile Organic Compounds (PVOC)

CLASS: PCBs as Aroclors

Gas Chromatography (GC)

-
- ★
- PCB AS AROCLORS ANALYTE GROUP**

Gas Chromatography-Mass Spectrometry (GC/MS)

-
- ★
- PCB AS AROCLORS ANALYTE GROUP**

CLASS: PCBs as Congeners

Gas Chromatography (GC)

-
- ★
- PCB CONGENERS ANALYTE GROUP**

Gas Chromatography-Mass Spectrometry (GC/MS)

-
- ★
- PCB CONGENERS ANALYTE GROUP**

High Resolution Gas Chromatography-Mass Spectrometry (HRGC/MS)

-
- ★
- PCB CONGENERS ANALYTE GROUP**

CLASS: Dioxins and Furans

Gas Chromatography-Mass Spectrometry (GC/MS)

-
- ★
- DIOXINS AND FURANS ANALYTE GROUP**

High Resolution Gas Chromatography-Mass Spectrometry (HRGC/MS)

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- DIOXINS AND FURANS ANALYTE GROUP**

CLASS: Volatile Organic Compounds

Gas Chromatography (GC)

 ★ **VOC ANALYTE GROUP**

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|--|---|
| <input type="checkbox"/> 1,1,1,2-Tetrachloroethane | <input type="checkbox"/> tert-Butylbenzene |
| <input type="checkbox"/> 1,1,1-Trichloroethane | <input type="checkbox"/> Carbon Disulfide |
| <input type="checkbox"/> 1,1,2,2-Tetrachloroethane | <input type="checkbox"/> Carbon Tetrachloride |
| <input type="checkbox"/> 1,1,2-Trichloroethane | <input type="checkbox"/> Chlorobenzene |
| <input type="checkbox"/> 1,1-Dichloroethane | <input type="checkbox"/> Chloroethane |
| <input type="checkbox"/> 1,1-Dichloroethene | <input type="checkbox"/> Chloroform |
| <input type="checkbox"/> 1,1-Dichloropropene | <input type="checkbox"/> Chloromethane |
| <input type="checkbox"/> 1,2,3-Trichlorobenzene | <input type="checkbox"/> Chloromethyl Methyl Ether |
| <input type="checkbox"/> 1,2,3-Trichloropropane | <input type="checkbox"/> Chloroprene |
| <input type="checkbox"/> 1,2,4-Trichlorobenzene | <input type="checkbox"/> Crotonaldehyde |
| <input type="checkbox"/> 1,2,4-Trimethylbenzene | <input type="checkbox"/> Dibromochloromethane |
| <input type="checkbox"/> 1,2-Dibromo-3-chloropropane (DBCP) | <input type="checkbox"/> Dibromomethane |
| <input type="checkbox"/> 1,2-Dibromoethane (EDB) | <input type="checkbox"/> Dichlorodifluoromethane |
| <input type="checkbox"/> 1,2-Dichlorobenzene | <input type="checkbox"/> Diethyl Ether |
| <input type="checkbox"/> 1,2-Dichloroethane | <input type="checkbox"/> Epichlorohydrin |
| <input type="checkbox"/> 1,2-Dichloroethene (cis) | <input type="checkbox"/> Ethanol |
| <input type="checkbox"/> 1,2-Dichloroethene (trans) | <input type="checkbox"/> Ethyl Acetate |
| <input type="checkbox"/> 1,2-Dichloropropane | <input type="checkbox"/> Ethyl Methacrylate |
| <input type="checkbox"/> 1,3,5-Trimethylbenzene | <input type="checkbox"/> Ethylbenzene |
| <input type="checkbox"/> 1,3-Dichloro-2-propanol | <input type="checkbox"/> Ethylene Glycol |
| <input type="checkbox"/> 1,3-Dichlorobenzene | <input type="checkbox"/> Ethylene Oxide |
| <input type="checkbox"/> 1,3-Dichloropropane | <input type="checkbox"/> Hexachlorobutadiene |
| <input type="checkbox"/> 1,3-Dichloropropene (cis) | <input type="checkbox"/> Isobutyl alcohol (2-Methyl-1-propanol) |
| <input type="checkbox"/> 1,3-Dichloropropene (trans) | <input type="checkbox"/> Isopropyl alcohol (2-Propanol) |
| <input type="checkbox"/> 1,4-Dichlorobenzene | <input type="checkbox"/> Isopropylbenzene |
| <input type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> p-Isopropyltoluene |
| <input type="checkbox"/> 2,2-Dichloropropane | <input type="checkbox"/> Malononitrile |
| <input type="checkbox"/> 2,3-Dichloropropene | <input type="checkbox"/> Methacrylonitrile |
| <input type="checkbox"/> 2-Butanone (Methyl Ethyl Ketone) | <input type="checkbox"/> Methanol |
| <input type="checkbox"/> 2-Chloroethanol | <input type="checkbox"/> Methyl Acrylate |
| <input type="checkbox"/> 2-Chloronaphthalene | <input type="checkbox"/> Methyl Iodide |
| <input type="checkbox"/> 2-Chlorotoluene | <input type="checkbox"/> Methyl Methacrylate |
| <input type="checkbox"/> 2-Hexanone | <input type="checkbox"/> Methyl tert-Butyl Ether |
| <input type="checkbox"/> 2-Pentanone | <input type="checkbox"/> Methylene Chloride |
| <input type="checkbox"/> 2-Picoline (2-Methylpyridine) | <input type="checkbox"/> Naphthalene |
| <input type="checkbox"/> 4-Chlorotoluene | <input type="checkbox"/> Paraldehyde |
| <input type="checkbox"/> 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | <input type="checkbox"/> Propargyl Alcohol |
| <input type="checkbox"/> Acetone | <input type="checkbox"/> β-Propiolactone |
| <input type="checkbox"/> Acetonitrile | <input type="checkbox"/> Propionitrile (Ethyl Cyanide) |
| <input type="checkbox"/> Acrolein | <input type="checkbox"/> n-Propylbenzene |
| <input type="checkbox"/> Acrylonitrile | <input type="checkbox"/> Propylene Glycol |
| <input type="checkbox"/> Allyl Alcohol | <input type="checkbox"/> Pyridine |
| <input type="checkbox"/> Allyl Chloride | <input type="checkbox"/> Styrene |
| <input type="checkbox"/> Benzene | <input type="checkbox"/> Tetrachloroethene |
| <input type="checkbox"/> Bromoacetone | <input type="checkbox"/> Toluene |
| <input type="checkbox"/> Bromobenzene | <input type="checkbox"/> o-Toluidine |
| <input type="checkbox"/> Bromochloromethane | <input type="checkbox"/> Trichloroethene |
| <input type="checkbox"/> Bromodichloromethane | <input type="checkbox"/> Trichlorofluoromethane |
| <input type="checkbox"/> Bromoform | <input type="checkbox"/> Vinyl Acetate |
| <input type="checkbox"/> Bromomethane | <input type="checkbox"/> Vinyl Chloride |
| <input type="checkbox"/> n-Butyl Alcohol (1-Butanol) | <input type="checkbox"/> m-Xylene |
| <input type="checkbox"/> t-Butyl Alcohol | <input type="checkbox"/> o-Xylene |
| <input type="checkbox"/> n-Butylbenzene | <input type="checkbox"/> p-Xylene |
| <input type="checkbox"/> sec-Butylbenzene | |

Gas Chromatography-Mass Spectrometry (GC/MS)

○ ★ VOC ANALYTE GROUP

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|--------------------------|---|--------------------------|--|
| <input type="checkbox"/> | 1,1,1,2-Tetrachloroethane | <input type="checkbox"/> | sec-Butylbenzene |
| <input type="checkbox"/> | 1,1,1-Trichloroethane | <input type="checkbox"/> | tert-Butylbenzene |
| <input type="checkbox"/> | 1,1,2,2-Tetrachloroethane | <input type="checkbox"/> | Carbon Disulfide |
| <input type="checkbox"/> | 1,1,2-Trichloroethane | <input type="checkbox"/> | Carbon Tetrachloride |
| <input type="checkbox"/> | 1,1-Dichloroethane | <input type="checkbox"/> | Chlorobenzene |
| <input type="checkbox"/> | 1,1-Dichloroethene | <input type="checkbox"/> | Chloroethane |
| <input type="checkbox"/> | 1,1-Dichloropropene | <input type="checkbox"/> | Chloroform |
| <input type="checkbox"/> | 1,2,3,4-Diepoxybutane | <input type="checkbox"/> | Chloromethane |
| <input type="checkbox"/> | 1,2,3-Trichlorobenzene | <input type="checkbox"/> | Chloromethyl Methyl Ether |
| <input type="checkbox"/> | 1,2,3-Trichloropropane | <input type="checkbox"/> | Chloroprene |
| <input type="checkbox"/> | 1,2,4-Trichlorobenzene | <input type="checkbox"/> | Crotonaldehyde |
| <input type="checkbox"/> | 1,2,4-Trimethylbenzene | <input type="checkbox"/> | Dibromochloromethane |
| <input type="checkbox"/> | 1,2-Dibromo-3-chloropropane (DBCP) | <input type="checkbox"/> | Dibromomethane |
| <input type="checkbox"/> | 1,2-Dibromoethane (EDB) | <input type="checkbox"/> | Dichlorodifluoromethane |
| <input type="checkbox"/> | 1,2-Dichlorobenzene | <input type="checkbox"/> | Diethyl Ether |
| <input type="checkbox"/> | 1,2-Dichloroethane | <input type="checkbox"/> | Diisopropyl ether |
| <input type="checkbox"/> | 1,2-Dichloroethene (cis) | <input type="checkbox"/> | Epichlorohydrin |
| <input type="checkbox"/> | 1,2-Dichloroethene (trans) | <input type="checkbox"/> | Ethanol |
| <input type="checkbox"/> | 1,2-Dichloropropane | <input type="checkbox"/> | Ethyl Acetate |
| <input type="checkbox"/> | 1,3,5-Trimethylbenzene | <input type="checkbox"/> | Ethyl Methacrylate |
| <input type="checkbox"/> | 1,3-Dichloro-2-propanol | <input type="checkbox"/> | Ethylbenzene |
| <input type="checkbox"/> | 1,3-Dichlorobenzene | <input type="checkbox"/> | Ethylene Glycol |
| <input type="checkbox"/> | 1,3-Dichloropropane | <input type="checkbox"/> | Ethylene Oxide |
| <input type="checkbox"/> | 1,3-Dichloropropene (cis) | <input type="checkbox"/> | Hexachlorobutadiene |
| <input type="checkbox"/> | 1,3-Dichloropropene (trans) | <input type="checkbox"/> | Hexachloroethane |
| <input type="checkbox"/> | 1,4-Dichlorobenzene | <input type="checkbox"/> | n-Hexane |
| <input type="checkbox"/> | 1,4-Dichloro-2-butene (trans) | <input type="checkbox"/> | Isobutyl alcohol (2-Methyl-1-propanol) |
| <input type="checkbox"/> | 1,4-Dioxane | <input type="checkbox"/> | Isopropyl alcohol (2-Propanol) |
| <input type="checkbox"/> | 1-Chlorohexane | <input type="checkbox"/> | Isopropylbenzene |
| <input type="checkbox"/> | 1-Propanol | <input type="checkbox"/> | p-Isopropyltoluene |
| <input type="checkbox"/> | 2,2-Dichloropropane | <input type="checkbox"/> | Malononitrile |
| <input type="checkbox"/> | 2,3-Dichloropropene | <input type="checkbox"/> | Methacrylonitrile |
| <input type="checkbox"/> | 2-Butanone (Methyl Ethyl Ketone) | <input type="checkbox"/> | Methanol |
| <input type="checkbox"/> | 2-Chloroethanol | <input type="checkbox"/> | Methyl Acrylate |
| <input type="checkbox"/> | 2-Chloronaphthalene | <input type="checkbox"/> | Methyl Iodide |
| <input type="checkbox"/> | 2-Chlorotoluene | <input type="checkbox"/> | Methyl Methacrylate |
| <input type="checkbox"/> | 2-Hexanone | <input type="checkbox"/> | Methyl tert-Butyl Ether |
| <input type="checkbox"/> | 2-Nitropropane | <input type="checkbox"/> | Methylene Chloride |
| <input type="checkbox"/> | 2-Pentanone | <input type="checkbox"/> | Naphthalene |
| <input type="checkbox"/> | 3-Chloropropionitrile | <input type="checkbox"/> | Paraldehyde |
| <input type="checkbox"/> | 4-Chlorotoluene | <input type="checkbox"/> | Pentachloroethane |
| <input type="checkbox"/> | 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | <input type="checkbox"/> | Propargyl Alcohol |
| <input type="checkbox"/> | Acetone | <input type="checkbox"/> | β-Propiolactone |
| <input type="checkbox"/> | Acetonitrile | <input type="checkbox"/> | Propionitrile (Ethyl Cyanide) |
| <input type="checkbox"/> | Acrolein | <input type="checkbox"/> | n-Propylamine |
| <input type="checkbox"/> | Acrylonitrile | <input type="checkbox"/> | n-Propylbenzene |
| <input type="checkbox"/> | Allyl Alcohol | <input type="checkbox"/> | Styrene |
| <input type="checkbox"/> | Allyl Chloride | <input type="checkbox"/> | Tetrachloroethene |
| <input type="checkbox"/> | Benzene | <input type="checkbox"/> | Tetrahydrofuran |
| <input type="checkbox"/> | Bis(2-chloroethyl)sulfide | <input type="checkbox"/> | Toluene |
| <input type="checkbox"/> | Bromoacetone | <input type="checkbox"/> | Trichloroethene |
| <input type="checkbox"/> | Bromobenzene | <input type="checkbox"/> | Trichlorofluoromethane |
| <input type="checkbox"/> | Bromochloromethane | <input type="checkbox"/> | Vinyl Acetate |
| <input type="checkbox"/> | Bromodichloromethane | <input type="checkbox"/> | Vinyl Chloride |
| <input type="checkbox"/> | Bromoform | <input type="checkbox"/> | m-Xylene |
| <input type="checkbox"/> | Bromomethane | <input type="checkbox"/> | o-Xylene |
| <input type="checkbox"/> | n-Butyl Alcohol (1-Butanol) | <input type="checkbox"/> | p-Xylene |
| <input type="checkbox"/> | t-Butyl Alcohol | | |
| <input type="checkbox"/> | n-Butylbenzene | | |

AQUEOUS MATRIX

CLASS: Toxicity, Acute

Whole Effluent Toxicity (WET) Assays

- Acute Toxicity - *Ceriodaphnia dubia*
- Acute Toxicity - *Pimephales promelas*

CLASS: Toxicity, Chronic

Whole Effluent Toxicity (WET) Assays

- Chronic Toxicity - *Ceriodaphnia dubia*
- Chronic Toxicity - *Pimephales promelas*
- Chronic Toxicity - *Selenastrum capricornutum*

AQUEOUS MATRIX