

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 CaCO<sub>3</sub>
- 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 CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N
- Bromide
- Chemical Oxygen Demand
- Chloride
- Chlorine, Total Residual
- Cyanide, Amenable
- Cyanide, Total
- Hardness, Total as CaCO<sub>3</sub>
- 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 CaCO<sub>3</sub> (*by calculation*)

### ICP (Inductively Coupled Plasma Emission Spectrophotometry)

- Hardness, Total as CaCO<sub>3</sub> (*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)

- |   |   |
|---|---|
| <input type="checkbox"/> 2,4,5-T                  | <input type="checkbox"/> Dalapon                      |
| <input type="checkbox"/> 2,4,5-TP (Silvex)        | <input type="checkbox"/> Dicamba                      |
| <input type="checkbox"/> 2,4-D                    | <input type="checkbox"/> Dichlorprop                  |
| <input type="checkbox"/> 2,4-DB                   | <input type="checkbox"/> Dichlorprop Salts and Esters |
| <input type="checkbox"/> 2,4-DB Salts and Esters  | <input type="checkbox"/> Diclofop                     |
| <input type="checkbox"/> 3,5-Dichlorobenzoic acid | <input type="checkbox"/> Dinoseb                      |
| <input type="checkbox"/> 4-Nitrophenol            | <input type="checkbox"/> MCPA Salts and Esters        |
| <input type="checkbox"/> 5-Hydroxydicamba         | <input type="checkbox"/> MCPB                         |
| <input type="checkbox"/> Acifluorfen              | <input type="checkbox"/> MCPP Salts and Esters        |
| <input type="checkbox"/> Chloramben               | <input type="checkbox"/> Pentachlorophenol            |
| <input type="checkbox"/> Clopyralid               | <input type="checkbox"/> Picloram                     |
| <input type="checkbox"/> Dacthal (DCPA)           | <input type="checkbox"/> Triclopyr                    |

## Gas Chromatography/Mass Spectrometry (GC/MS)

- |   |  |
|---|--|
| <input type="checkbox"/> 2,4,5-T                  | <input type="checkbox"/> Dicamba                                 |
| <input type="checkbox"/> 2,4,5-TP (Silvex)        | <input type="checkbox"/> Dichlorprop                             |
| <input type="checkbox"/> 2,4-D                    | <input type="checkbox"/> Diclofop                                |
| <input type="checkbox"/> 2,4-DB                   | <input type="checkbox"/> Dinoseb (2-sec-butyl-4,6-Dinitrophenol) |
| <input type="checkbox"/> 4-Nitrophenol            | <input type="checkbox"/> MCPA                                    |
| <input type="checkbox"/> Acifluorfen              | <input type="checkbox"/> MCPB                                    |
| <input type="checkbox"/> Bromoxynil (Brominal)    | <input type="checkbox"/> MCPP (Mecoprop)                         |
| <input type="checkbox"/> Chlorthal (DCPA di-acid) | <input type="checkbox"/> Pentachlorophenol                       |
| <input type="checkbox"/> Clopyralid               | <input type="checkbox"/> Picloram                                |
| <input type="checkbox"/> Dalapon                  | <input type="checkbox"/> Triclopyr                               |

## High Performance Liquid Chromatography (HPLC)

- |   |   |
|---|---|
| <input type="checkbox"/> 2,4,5-T                      | <input type="checkbox"/> Chlorthal (DCPA di-acid) |
| <input type="checkbox"/> 2,4,5-T, butoxyethanol Ester | <input type="checkbox"/> Clopyralid               |
| <input type="checkbox"/> 2,4,5-T, butyl ester         | <input type="checkbox"/> Dalapon                  |
| <input type="checkbox"/> 2,4,5-TP (Silvex)            | <input type="checkbox"/> Dicamba                  |
| <input type="checkbox"/> 2,4-D                        | <input type="checkbox"/> Dichlorprop              |
| <input type="checkbox"/> 2,4-D, butoxyethanol ester   | <input type="checkbox"/> Diclofop                 |
| <input type="checkbox"/> 2,4-D, ethylhexyl ester      | <input type="checkbox"/> Dinoseb                  |
| <input type="checkbox"/> 2,4-DB                       | <input type="checkbox"/> MCPA                     |
| <input type="checkbox"/> 2,4-DB salts and Esters      | <input type="checkbox"/> MCPB                     |
| <input type="checkbox"/> 3,5-Dichlorobenzoic acid     | <input type="checkbox"/> MCPP                     |
| <input type="checkbox"/> 4-Nitrophenol                | <input type="checkbox"/> Pentachlorophenol        |
| <input type="checkbox"/> Acifluorfen                  | <input type="checkbox"/> Picloram                 |
| <input type="checkbox"/> Bromoxynil (Brominal)        | <input type="checkbox"/> Triclopyr                |
| <input type="checkbox"/> Chloramben                   |   |

## Liquid Chromatography-Mass Spectrometry (LC/MS)

- |   |  |
|---|--|
| <input type="checkbox"/> 2,4,5-T                      | <input type="checkbox"/> Acifluorfen           |
| <input type="checkbox"/> 2,4,5-T, butoxyethanol Ester | <input type="checkbox"/> Chloramben            |
| <input type="checkbox"/> 2,4,5-T, butyl ester         | <input type="checkbox"/> Dalapon               |
| <input type="checkbox"/> 2,4,5-TP (Silvex)            | <input type="checkbox"/> Dicamba               |
| <input type="checkbox"/> 2,4-D                        | <input type="checkbox"/> Dichlorprop           |
| <input type="checkbox"/> 2,4-D, butoxyethanol ester   | <input type="checkbox"/> Dinoseb               |
| <input type="checkbox"/> 2,4-D, ethylhexyl ester      | <input type="checkbox"/> MCPA salts and Esters |
| <input type="checkbox"/> 2,4-DB salts and Esters      | <input type="checkbox"/> MCPP salts and Esters |
| <input type="checkbox"/> 3,5-Dichlorobenzoic acid     | <input type="checkbox"/> Picloram              |

**CLASS: Pesticides, OrganoChlorine**

## Gas Chromatography (GC)

- ★ **PESTICIDES, ORGANOCHLORINE ANALYTE GROUP**
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- Aldrin
- alpha-BHC
- beta-BHC
- Captafol
- Captan
- Chlordane (Tech.)
- Chlordane, alpha
- Chlordane, gamma
- Chloroneb
- delta-BHC
- Dichlone
- Dieldrin
- Endosulfan I
- Endosulfan II
- Endosulfan Sulfate
- Endrin
- Endrin Aldehyde
- Endrin Ketone
- gamma-BHC (Lindane)
- Heptachlor
- Heptachlor Epoxide
- Isodrin
- Kepone
- Methoxychlor
- Mirex
- Pentachloronitrobenzene (PCNB)
- Perthane
- Strobane
- Toxaphene

## Gas Chromatography-Mass Spectrometry (GC/MS)

- ★ **PESTICIDES, ORGANOCHLORINE ANALYTE GROUP**
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- Aldrin
- alpha-BHC
- beta-BHC
- Captafol
- Captan
- Chlordane (Tech.)
- Chlordane, alpha
- Chlordane, gamma
- delta-BHC
- Dichlone
- Dieldrin
- Endosulfan I
- Endosulfan II
- Endosulfan Sulfate
- Endrin
- Endrin Aldehyde
- Endrin Ketone
- gamma-BHC (Lindane)
- Heptachlor
- Heptachlor Epoxide
- Isodrin
- Kepone
- Methoxychlor
- Mirex
- Pentachloronitrobenzene (PCNB)
- Toxaphene

AQUEOUS MATRIX

**CLASS: Pesticides, Nitrogen**

## Gas Chromatography (GC)

- |  |  |
|--|--|
| <input type="checkbox"/> Acetochlor                  | <input type="checkbox"/> Fenarimol     |
| <input type="checkbox"/> Alachlor                    | <input type="checkbox"/> Hexazinone    |
| <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"/> Napropamide   |
| <input type="checkbox"/> Bromacil (salts and Esters) | <input type="checkbox"/> Norflurazon   |
| <input type="checkbox"/> Bromoxynil Octanoate        | <input type="checkbox"/> Pendimethalin |
| <input type="checkbox"/> Butachlor                   | <input type="checkbox"/> Pronamide     |
| <input type="checkbox"/> Butylate                    | <input type="checkbox"/> Propachlor    |
| <input type="checkbox"/> Chlorothalonil              | <input type="checkbox"/> Propanil      |
| <input type="checkbox"/> Dimethenamid                | <input type="checkbox"/> Triadimefon   |
| <input type="checkbox"/> Ethalfluralin               | <input type="checkbox"/> Trifluralin   |

## Gas Chromatography-Mass Spectrometry (GC/MS)

- |  |  |
|--|--|
| <input type="checkbox"/> Acetochlor                  | <input type="checkbox"/> Fenarimol     |
| <input type="checkbox"/> Alachlor                    | <input type="checkbox"/> Hexazinone    |
| <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"/> Napropamide   |
| <input type="checkbox"/> Bromacil (salts and Esters) | <input type="checkbox"/> Norflurazon   |
| <input type="checkbox"/> Bromoxynil Octanoate        | <input type="checkbox"/> Pendimethalin |
| <input type="checkbox"/> Butachlor                   | <input type="checkbox"/> Pronamide     |
| <input type="checkbox"/> Butylate                    | <input type="checkbox"/> Propachlor    |
| <input type="checkbox"/> Chlorothalonil              | <input type="checkbox"/> Propanil      |
| <input type="checkbox"/> Dimethenamid                | <input type="checkbox"/> Triadimefon   |
| <input type="checkbox"/> Ethalfluralin               | <input type="checkbox"/> Trifluralin   |

## High Performance Liquid Chromatography (HPLC)

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Bentazon   | <input type="checkbox"/> Butylate   |
| <input type="checkbox"/> Bromacil   | <input type="checkbox"/> Secbumeton |
| <input type="checkbox"/> Bromoxynil | <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"/> Anilazine           | <input type="checkbox"/> Diaminoatrazine |
| <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       |

## Gas Chromatography-Mass Spectrometry (GC/MS)

- |  |  |
|--|--|
| <input type="checkbox"/> Anilazine           | <input type="checkbox"/> Diaminoatrazine |
| <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       |

**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"/> Triallate   |
| <input type="checkbox"/> EPTC (Eptam)            | <input type="checkbox"/> Ziram       |
| <input type="checkbox"/> Ethyl Carbamate         |                                      |

## Gas Chromatography-Mass Spectrometry (GC/MS)

- |  |                                      |
|--|--------------------------------------|
| <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"/> Triallate   |
| <input type="checkbox"/> EPTC (Eptam)            | <input type="checkbox"/> Ziram       |
| <input type="checkbox"/> Ethyl Carbamate         |                                      |

## High Performance Liquid Chromatography (HPLC)

- |  |                                      |
|--|--------------------------------------|
| <input type="checkbox"/> 3-Hydroxycarbofuran       | <input type="checkbox"/> Methiocarb  |
| <input type="checkbox"/> Aldicarb                  | <input type="checkbox"/> Methomyl    |
| <input type="checkbox"/> Aldicarb Sulfone          | <input type="checkbox"/> Metolcarb   |
| <input type="checkbox"/> Aldicarb Sulfoxide        | <input type="checkbox"/> Mexacarbate |
| <input type="checkbox"/> Baygon (Propoxur)         | <input type="checkbox"/> Monuron     |
| <input type="checkbox"/> Bendiocarb                | <input type="checkbox"/> Oxamyl      |
| <input type="checkbox"/> Carbaryl                  | <input type="checkbox"/> Promecarb   |
| <input type="checkbox"/> Carbofuran                | <input type="checkbox"/> Propanil    |
| <input type="checkbox"/> Dioxacarb                 | <input type="checkbox"/> Propham     |
| <input type="checkbox"/> Diuron                    | <input type="checkbox"/> Siduron     |
| <input type="checkbox"/> Fenuron                   | <input type="checkbox"/> Tebuthiuron |
| <input type="checkbox"/> Fluometuron               | <input type="checkbox"/> Thiodicarb  |
| <input type="checkbox"/> Linuron                   |                                      |
| <input type="checkbox"/> m-Cumenyl methylcarbamate |                                      |
| <input type="checkbox"/> Triallate                 |                                      |

## Liquid Chromatography-Mass Spectrometry

- |  |  |
|--|--|
| <input type="checkbox"/> 3-Hydroxycarbofuran | <input type="checkbox"/> m-Cumenyl methylcarbamate |
| <input type="checkbox"/> Aldicarb            | <input type="checkbox"/> Methiocarb                |
| <input type="checkbox"/> Aldicarb Sulfone    | <input type="checkbox"/> Methomyl                  |
| <input type="checkbox"/> Aldicarb Sulfoxide  | <input type="checkbox"/> Metolcarb                 |
| <input type="checkbox"/> Aminocarb           | <input type="checkbox"/> Mexacarbate               |
| <input type="checkbox"/> Asulam              | <input type="checkbox"/> Molinate                  |
| <input type="checkbox"/> Barban              | <input type="checkbox"/> Monuron                   |
| <input type="checkbox"/> Baygon (Propoxur)   | <input type="checkbox"/> Monuron-TCA               |
| <input type="checkbox"/> Bendiocarb          | <input type="checkbox"/> Neburon                   |
| <input type="checkbox"/> Benomyl             | <input type="checkbox"/> o-Chlorophenyl Thiourea   |
| <input type="checkbox"/> Carbaryl            | <input type="checkbox"/> Oxamyl                    |
| <input type="checkbox"/> Carbendazim         | <input type="checkbox"/> Pebulate                  |
| <input type="checkbox"/> Carbofuran          | <input type="checkbox"/> Propham                   |
| <input type="checkbox"/> Carbosulfan         | <input type="checkbox"/> Prosulfocarb              |
| <input type="checkbox"/> Chloroprotham       | <input type="checkbox"/> Siduron                   |
| <input type="checkbox"/> Chloroxuron         | <input type="checkbox"/> Tebuthiuron               |
| <input type="checkbox"/> Diuron              | <input type="checkbox"/> Thiodicarb                |
| <input type="checkbox"/> EPTC                | <input type="checkbox"/> Thiofanox                 |
| <input type="checkbox"/> Fenuron             | <input type="checkbox"/> Thiophanate-methyl        |
| <input type="checkbox"/> Fenuron-TCA         | <input type="checkbox"/> Triallate                 |
| <input type="checkbox"/> Fluometuron         | <input type="checkbox"/> Vernolate                 |
| <input type="checkbox"/> Linuron             |  |

## Colorimetric or Nephelometric (turbidimetric)

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| <input type="checkbox"/> Busan 40 | <input type="checkbox"/> KN Methyl |
| <input type="checkbox"/> Busan 85 | <input type="checkbox"/> Nabam     |
| <input type="checkbox"/> Carbam-S | <input type="checkbox"/> Ziram     |
| <input type="checkbox"/> Dazomet  |                                    |

**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****★ PCB AS AROCLORS ANALYTE GROUP**

- Gas Chromatography (GC)
- Gas Chromatography-Mass Spectrometry (GC/MS)

**CLASS: PCBs as Congeners****★ PCB CONGENERS ANALYTE GROUP**

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

**CLASS: Dioxins and Furans****★ DIOXINS AND FURANS ANALYTE GROUP**

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

**CLASS: Volatile Organic Compounds**

## Gas Chromatography (GC)

 ★ **VOC ANALYTE GROUP**

- |  |   |
|--|---|
| <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

- |                          |   |                          |  |
|--------------------------|---|--------------------------|--|
| <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