

BNA SEMIVOLATILES ANALYTE GROUP by GC/MS

From 5/20 Application Form Attachment A1

Phenols (Acids)

- | | |
|--|--|
| <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-Dichloroguaiacol |
| <input type="checkbox"/> 2,4-Dichlorophenol | <input type="checkbox"/> 4,6-Dinitro-2-methylphenol |
| <input type="checkbox"/> 2,4-Dimethylphenol | <input type="checkbox"/> 4-Chloro-3-methylphenol |
| <input type="checkbox"/> 2,4-Dinitrophenol | <input type="checkbox"/> 4-Chlorocatechol |
| <input type="checkbox"/> 2,6-Dichlorophenol | <input type="checkbox"/> 4-Chloroguaiacol |
| <input type="checkbox"/> 2,6-Dichlorosyringaldehyde | <input type="checkbox"/> 4-Chlorophenol |
| <input type="checkbox"/> 2-Chlorophenol | <input type="checkbox"/> 4-Methylphenol (p-Cresol) |
| <input type="checkbox"/> 2-Chlorosyringaldehyde | <input type="checkbox"/> 4-Nitrophenol |
| <input type="checkbox"/> 2-Cyclohexyl-4,6-dinitro-phenol | <input type="checkbox"/> 5,6-Dichlorovanillin |
| <input type="checkbox"/> 2-Methylphenol (o-Cresol) | <input type="checkbox"/> 5-Chlorovanillin |
| <input type="checkbox"/> 2-Nitrophenol | <input type="checkbox"/> 6-Chlorovanillin |
| <input type="checkbox"/> 3,4,5-Trichlorocatechol | <input type="checkbox"/> Benzoic Acid |
| <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) | |

Benzidines (Base Neutrals)

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

Chlorinated Hydrocarbons (Base Neutrals)

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

Haloethers (Base Neutrals)

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

Nitroaromatics & Cyclic Ketones (Base Neutrals)

- | | |
|--|---|
| <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"/> 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 | |

Nitrosamines (Base Neutrals)

- | | |
|--|--|
| <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-Nitrosodi-n-propylamine | |

Non-Halogenated Organics (Base Neutrals)

- | | |
|--|--|
| <input type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> Mestranol |
| <input type="checkbox"/> 1-Acetyl-2-thiourea | <input type="checkbox"/> Methapyrilene |
| <input type="checkbox"/> 2-Acetylaminofluorene | <input type="checkbox"/> Methyl Methanesulfonate |
| <input type="checkbox"/> 2-Aminoanthraquinone | <input type="checkbox"/> Nicotine |
| <input type="checkbox"/> 2-Hydroxypropionitrile | <input type="checkbox"/> Nitrofen |
| <input type="checkbox"/> 4-Chloroaniline | <input type="checkbox"/> O,O,O-Triethyl Phosphorothioate |
| <input type="checkbox"/> 4-Dimethylaminoazobenzene | <input type="checkbox"/> o-Anisidine |
| <input type="checkbox"/> 4-Nitroquinoline 1-oxide | <input type="checkbox"/> Octamethyl Pyrophosphoramide |
| <input type="checkbox"/> 5,5-Diphenylhydantoin | <input type="checkbox"/> o-Toluidine |
| <input type="checkbox"/> Acetophenone | <input type="checkbox"/> p-Benzoquinone |
| <input type="checkbox"/> Aminoazobenzene | <input type="checkbox"/> p-Chloroaniline |
| <input type="checkbox"/> Aniline | <input type="checkbox"/> p-Cresidine |
| <input type="checkbox"/> Aramite | <input type="checkbox"/> Phenacetin |
| <input type="checkbox"/> Azobenzene | <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"/> Safrone |
| <input type="checkbox"/> Dihydrosaffrole | <input type="checkbox"/> Tetraethyl Pyrophosphate |
| <input type="checkbox"/> Diphenylamine | <input type="checkbox"/> Thionazin |
| <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 |

Phthalates (Base Neutrals)

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

Polynuclear Aromatic Hydrocarbons (Base Neutrals)

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