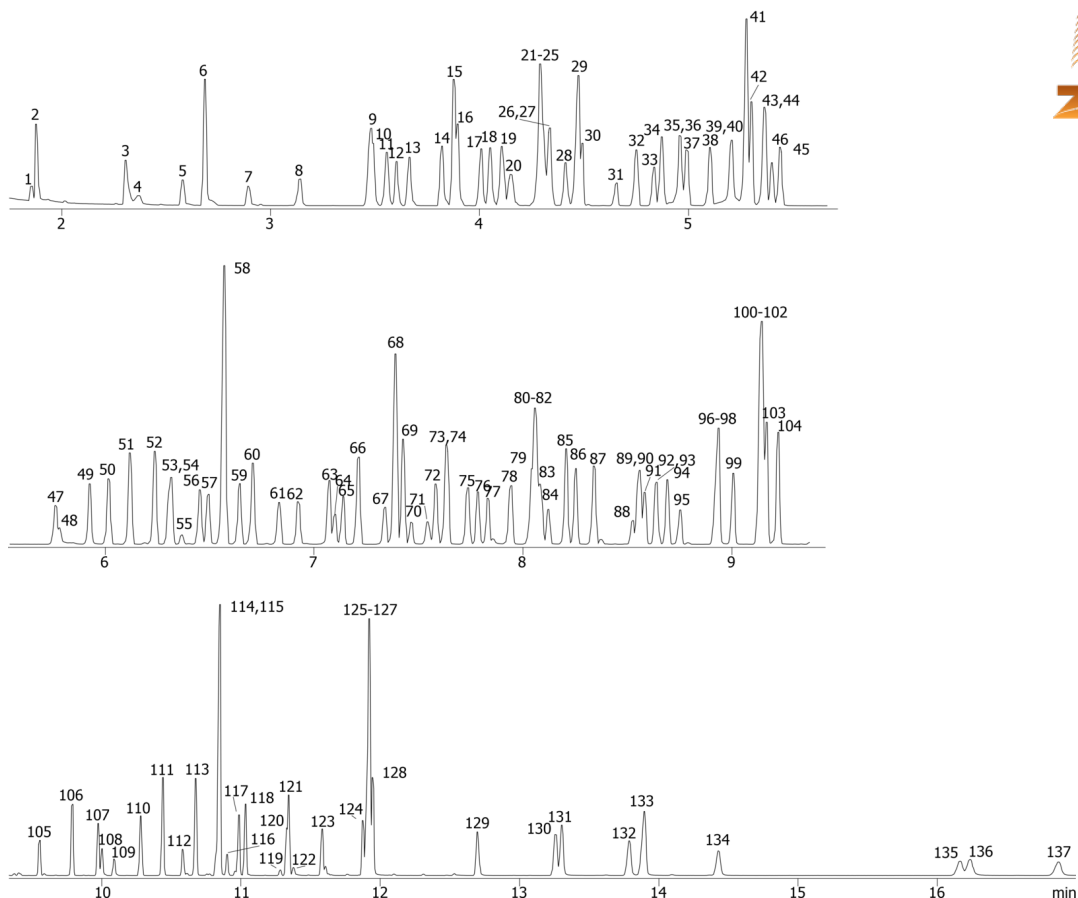


EPA Method 8270C: Semivolatile Organic Analysis on ZB-5MS**Column:** Zebron[™] ZB-5MS, GC Cap. Column 20 m x 0.18 mm x 0.32 µm, Ea**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane**Dimensions:** 20 meters x 0.18 mm x 0.32 µm**Order No:** 7FD-G010-51**Oven Profile:** 45°C to 200°C at 20°C/min to 300°C at 25°C/min for 5.5 min**Carrier Gas:** Constant Flow Helium, 1.2 mL/min**Injection:** Splitless :1 1 µL @ 280°C**Detection:** Mass Selective (MSD) (0°C)

15696

**Products used in this application:**

EPA Method 8270C: Semivolatile Organic Analysis on ZB-5MS

ANALYTES:

1 N-Nitrosodimethylamine	41 Naphthalene-d8	81 4-Chlorophenylphenylether
2 Pyridine	42 Naphthalene	82 2-Methyl-5-nitroaniline
3 2-Methylpyridine	43 4-Chloroaniline	83 4-Nitroaniline
4 N-Methyl-N-nitrosoethanamine	44 2,6-Dichlorophenol	84 4,6-Dinitro-2-methylphenol
5 Methylmethane sulfonate	45 Hexachloropropene	85 Diphenylamine
6 2-Fluorophenol	46 Hexachlorobutadiene	86 Azobenzene
7 N-Nitrosodiethylamine	47 N-Nitrosodibutylamine	87 2,4,6-Tribromophenol
8 Ethylmethanesulfonate	48 1,4-Diphenylenediamine	88 1,3,5-Trinitrobenzene
9 Phenol-d6	49 4-Chloro-3-methylphenol	89 Di-allate
10 Phenol	50 Isosafrole	90 Phorate
11 Aniline	51 2-Methylnaphthalene	91 Phenacetin
12 bis(2-Chloroethyl)ether	52 1-Methylnaphthalene	92 4-Bromophenylphenylether
13 2-Chlorophenol	53 Hexachlorocyclopentadiene	93 Di-allate
14 1,3-Dichlorobenzene	54 1,2,4,5-Tetrachlorobenzene	94 Hexachlorobenzene
15 1,4-Dichlorobenzene-d4	55 Safrole	95 Dimethoate
16 1,4-Dichlorobenzene	56 2,4,6-Trichlorophenol	96 Pentachlorophenol
17 Benzoyl alcohol	57 2,4,5-Trichlorophenol	97 Pentachloronitrobenzene
18 1,2-Dichlorobenzene	58 2-Fluorobiphenyl	98 4-Aminobiphenyl
19 2-Methylphenol	59 Safrole	99 Pronamide
20 Bis(2-Chloroisopropyl)ether	60 2-Chloronaphthalene	100 Phenanthrene-d10
21 4-Methylphenol	61 2-Nitroaniline	101 Dinoseb
22 3-Methylphenol	62 1,4-Naphthoquinone	102 Disulfoton
23 N-Nitrosopyrrolidine	63 Dimethyl phthalate	103 Phenanthrene
24 Acetophenone	64 1,3-Dinitrobenzene	104 Anthracene
25 N-Nitroso-di-n-propylamine	65 2,6-Dinitrotoluene	105 Methyl parathion
26 N-Nitrosomorpholine	66 Acenaphthylene	106 Di-n-butyl phthalate
27 o-Toluidine	67 3-Nitroaniline	107 Ethyl parathion
28 Hexachloroethane	68 Acenaphthene-d10	108 4-Nitroquinoline-n-oxide
29 Nitrobenzene-d5	69 Acenaphthene	109 Methapyrilene
30 Nitrobenzene	70 2,4-Dinitrophenol	110 Isodrin
31 N-Nitrosopiperidine	71 4-Nitrophenol	111 Fluoranthene
32 Isophorone	72 Pentachlorobenzene	112 Benzidine
33 2-Nitrophenol	73 2,4-Dinitrotoluene	113 Pyrene
34 2,4-Dimethylphenol	74 Dibenzofuran	114 Aramite
35 Triethylphosphorothioate	75 1-Naphthylamine	115 p-Terphenyl-d14
36 Benzoic acid	76 Tetrachlorophenol	116 Aramite
37 bis(2-Chloroethoxy)methane	77 2-Naphthylamine	117 Dimethylaminoazobenzene
38 2,4-Dichlorophenol	78 Diethyl phthalate	118 Chlorobenzilate
39 1,2,4-Trichlorobenzene	79 Thionazin	119 Famphur
40 Phentermine	80 Fluorene	120 3,3'-Dimethylbenzidine
		121 Benzyl butyl phthalate
		122 Kepone
		123 2-Acetylaminofluorene
		124 3,3'-Dichlorobenzidine
		125 Benz[a]anthracene
		126 Chrysene-d12
		127 bis(2-Ethylhexyl)phthalate
		128 Chrysene
		129 Di-n-octyl phthalate
		130 Benzo[b]fluoranthene
		131 Benzo[k]fluoranthene

