GC Application

ID No.: **14783**

EPA Method 8260: Volatile Organics on ZB-624

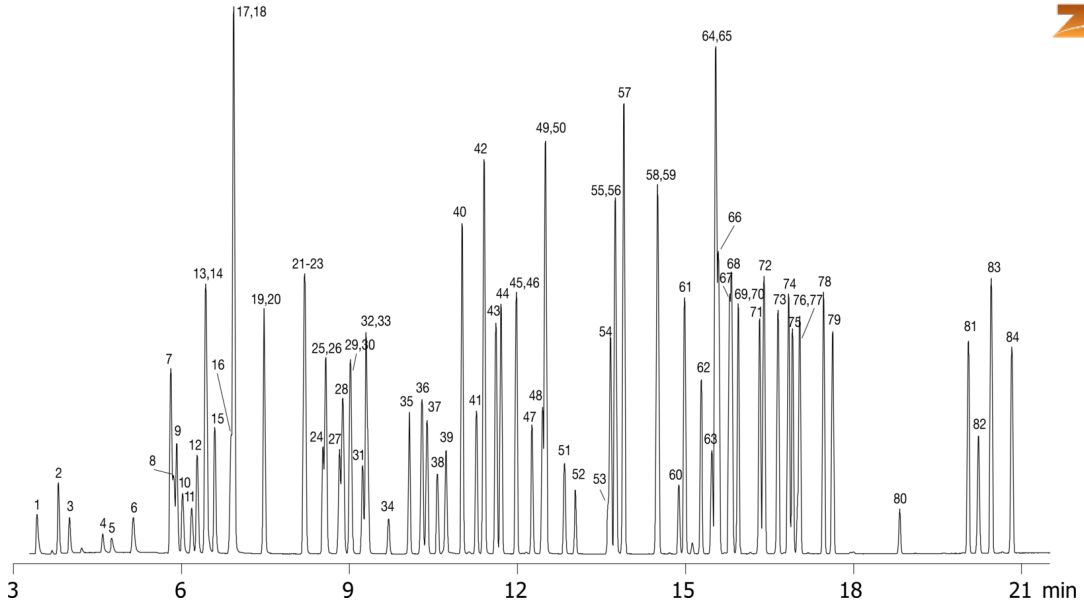
Column: Zebron™ ZB-624, GC Cap. Column 60 m x 0.25 mm x 1.40 µm, Ea
Phase: 6% Cyanopropylphenyl 94% Dimethylpolysiloxane
Dimensions: 60 meters x 0.25 mm x 1.4 µm
Order No: 7KG-G005-27
Oven Profile: 40°C for 2 min to 225°C at 10°C/min for 3.5 min

Carrier Gas: Constant Flow Helium, 1.1 mL/min
Injection: Purge and Trap 30:1 1 µL @ 250°C
Detection: Mass Selective (MSD) (180°C)
Analyst Note: The sample was introduced via a Tekmar 2000 Purge and Trap with the following settings. Purge time was 11.0

Products used in this application:

Zebron

14783



For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.

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ANALYTES:

1 Dichlorodifluoromethane
2 Chloromethane
3 Vinyl chloride
4 Bromomethane
5 Chloroethane
6 Trichlorofluoromethane
7 Acrolein
8 1,1,2-Trichloro-1,2,2-trifluorome
9 1,1-Dichloroethene
10 Acetone
11 Iodomethane
12 Carbon disulfide
13 Methyl acetate
14 Acetonitrile
15 Methylene chloride
16 t-Butyl Methyl Ether
17 trans-1,2-Dichloroethene
18 Acrylonitrile
19 1,1-Dichloroethane
20 Vinyl acetate
21 2,2 Dichloropropane
22 2-Butanone
23 cis-1,2-Dichloroethene
24 Bromochloromethane
25 Tetrahydrofuran
26 Chloroform
27 1,1,1-Trichloroethane
28 Cyclohexane
29 Carbon tetrachloride
30 1,1-Dichloropropene
31 1,2-Dichloroethane-d4
32 Benzene
33 1,2-Dichloroethane
34 1,4-Difluorobenzene
35 Trichloroethene
36 Methylcyclohexane
37 1,2-Dichloropropane
38 Dibromomethane
39 Bromodichloromethane
40 2-Chloroethyl vinyl ether
41 cis-1,3-Dichloropropene
42 4-Methyl-2-Pentanone
43 Toluene-d8
44 Toluene
45 trans-1,3-Dichloropropene
46 Ethyl methacrylate
47 1,1,2-Trichloroethane
48 Tetrachloroethene
49 1,3-Dichloropropane
50 2-Hexanone
51 Dibromochloromethane
52 1,2-Dibromoethane
53 Chlorobenzene-d5
54 Chlorobenzene
55 Ethylbenzene
56 1,1,1,2-Tetrachloroethane
57 m/p-Xylene
58 o-Xylene
59 Styrene
60 Bromoform
61 Isopropylbenzene
62 p-Bromofluorobenzene
63 1,1,2,2-Tetrachloroethane
64 Bromobenzene
65 t-1,4-Dichloro-2-Butene
66 1,2,3-Trichloropropane
67 n-Propylbenzene
68 1,3,5-Trimethylbenzene
69 2-Chlorotoluene
70 4-Chlorotoluene
71 tert-Butylbenzene
72 1,2,4-Trimethylbenzene
73 sec-Butylbenzene
74 4-Isopropyltoluene
75 1,3-Dichlorobenzene
76 1,4-Dichlorobenzene-d4
77 1,4-Dichlorobenzene
78 n-Butylbenzene
79 1,2-Dichlorobenzene
80 1,2-Dibromo-3-Chloropropane
81 1,2,4-Trichlorobenzene
82 Hexachlorobutadiene
83 Naphthalene
84 1,2,3-Trichlorobenzene