

Underground Storage Tank Monitoring (UST):
State Specific Methods

State	Compound Class
Alaska	Hydrocarbons
Arizona	Hydrocarbons
California/Los Angeles	Hydrocarbons
Connecticut	Hydrocarbons
Florida	Hydrocarbons
Massachusetts	Hydrocarbons
Michigan	Hydrocarbons
Mississippi	Hydrocarbons
New Jersey	Hydrocarbons
Northwest (Oregon & Washington)	Hydrocarbons
Pennsylvania	Hydrocarbons
Tennessee/Mississippi	Hydrocarbons
Texas	Hydrocarbons
Washington	Hydrocarbons
Wisconsin	Hydrocarbons

Alaska

Alaska Department of Environmental Conservation (ADEC) regulations indicate which products and indicator compounds are to be tested for each petroleum range. The analyst must use the following Alaska Series Methods or appropriate SW-846 method for the indicator compounds. The Alaska UST procedural manual indicates which products are to be tested for each petroleum range.

AK101

Method for determination of aromatic and aliphatic hydrocarbons in gasoline range organics.

Retention Time Marker - Alaska (4 components)

<i>n</i> -hexane (C6)	<i>n</i> -pentacosane (C25)
<i>n</i> -decane (C10)	<i>n</i> -hexatriacontane (C36)

1,000µg/mL in methylene chloride, 1mL/ampul
cat. # 31819 (ea.)

Alaska cont'd

Alaska UST Method AK101AA (14 components)

benzene	toluene
ethylbenzene	1,2,3-trimethylbenzene
1-ethyl-2-methylbenzene	1,2,4-trimethylbenzene
1-ethyl-3-methylbenzene	1,3,5-trimethylbenzene
1-ethyl-4-methylbenzene	<i>m</i> -xylene
isopropylbenzene	<i>o</i> -xylene
<i>n</i> -propylbenzene	<i>p</i> -xylene

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30461 (ea.)

Unleaded Gasoline Composite Standard

2,500µg/mL in P&T methanol, 1mL/ampul cat. # 30081 (ea.)
50,000µg/mL in P&T methanol, 1mL/ampul cat. # 30205 (ea.)
50,000µg/mL in P&T methanol, 5mL/ampul cat. # 30206 (ea.)

1-Chloro-4-fluorobenzene Mix

2,500µg/mL in P&T methanol, 1mL/ampul cat. # 30066 (ea.)

4-Bromofluorobenzene Mix

2,000µg/mL in P&T methanol, 1mL/ampul cat. # 30026 (ea.)

α,α,α-Trifluorotoluene

2,000µg/mL in P&T methanol, 1mL/ampul cat. # 30048 (ea.)
2,500µg/mL in P&T methanol, 1mL/ampul cat. # 30068 (ea.)
10,000µg/mL in P&T methanol, 1mL/ampul cat. # 30083 (ea.)

for **more** info

State of Alaska

Method and regulatory information is available from:

Alaska Department of Environmental Conservation
410 Willoughby Avenue
Juneau, AK 99801-1795
Phone: (907) 465-5203
Fax: (907) 465-5218

www.dec.state.ak.us/regulations/index.htm





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