

Method 8270D, 8270C (Semivolatile Organic Compounds) *cont'd*

**8270 B/N Calibration Check Mix** (7 components)

acenaphthene	diphenylamine
benzo(a)pyrene	fluoranthene
1,4-dichlorobenzene	hexachlorobutadiene
di- <i>n</i> -octyl phthalate	

2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31616 (ea.)

**8270 Acid Calibration Check Mix** (6 components)

4-chloro-3-methylphenol	pentachlorophenol
2,4-dichlorophenol	phenol
2-nitrophenol	2,4,6-trichlorophenol

2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31617 (ea.)

**SV System Performance Check Mix (SPCC)** (4 components)

2,4-dinitrophenol	4-nitrophenol
hexachlorocyclopentadiene	N-nitroso-di- <i>n</i> -propylamine

2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31689 (ea.)

**605 Benzidines Calibration Mix** (2 components)

benzidine	3,3'-dichlorobenzidine
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2,000µg/mL each in methanol, 1mL/ampul  
cat. # 31030 (ea.)

2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31834 (ea.)

**8270 Benzidines Mix** (3 components)

benzidine	3,3'-dimethylbenzidine
3,3'-dichlorobenzidine	

2,000µg/mL each in methanol, 1mL/ampul  
cat. # 31688 (ea.)

2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31852 (ea.)

**8270 MegaMix®** (76 components)

acenaphthene	acenaphthylene	aniline	anthracene	azobenzene <sup>1</sup>	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(ghi)perylene	benzo(k)fluoranthene	benzyl alcohol	benzyl butyl phthalate	bis(2-chloroethoxy)methane	bis(2-chloroethyl)ether	bis(2-chloroisopropyl)ether	bis(2-ethylhexyl)adipate	bis(2-ethylhexyl)phthalate	4-bromophenyl phenyl ether	carbazole	4-chloroaniline	4-chloro-3-methylphenol	2-chloronaphthalene	2-chlorophenol	4-chlorophenyl phenyl ether	chrysene	dibenzo(a,h)anthracene	dibenzofuran	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2,4-dichlorophenol	diethyl phthalate	2,4-dimethylphenol	dimethyl phthalate	di- <i>n</i> -butyl phthalate	1,2-dinitrobenzene	1,3-dinitrobenzene	1,4-dinitrobenzene	4,6-dinitro-2-methylphenol	2,4-dinitrophenol	2,4-dinitrotoluene	2,6-dinitrotoluene	di- <i>n</i> -octyl phthalate	diphenylamine <sup>2</sup>	fluoranthene	fluorene
hexachlorobenzene	hexachlorobutadiene	hexachlorocyclopentadiene	hexachloroethane	indeno(1,2,3-cd)pyrene	isophorone	1-methylnaphthalene	2-methylnaphthalene	2-methylphenol	3-methylphenol	4-methylphenol	naphthalene	2-nitroaniline	3-nitroaniline	4-nitroaniline	nitrobenzene	2-nitrophenol	4-nitrophenol	N-nitrosodimethylamine	N-nitroso-di- <i>n</i> -propylamine	pentachlorophenol	phenanthrene	phenol	pyrene	pyridine	2,3,4,6-tetrachlorophenol	2,3,5,6-tetrachlorophenol	1,2,4-trichlorobenzene	2,4,5-trichlorophenol	2,4,6-trichlorophenol																



1,000µg/mL each in methylene chloride, 1mL/ampul\*  
cat. # 31850 (ea.)

\*3-methylphenol and 4-methylphenol concentration is 500µg/mL.

<sup>1</sup>1,2-diphenylhydrazine (8270-listed analyte) decomposes to azobenzene (mix component) in the injector.

<sup>2</sup>N-nitrosodiphenylamine (8270-listed analyte) decomposes to diphenylamine (mix component) in the injector.

**8270 Matrix Spike Mix** (76 components)

Same list as 8270 MegaMix above.

Each	15-pk.	25-pk.
200µg/mL each in methanol:methylene chloride (80:20), 5mL/ampul**		
31687	31687.15	31687.25
200µg/mL each in methanol:methylene chloride (80:20), 10mL/ampul**		
33073	33073.15	33073.25

\*\*3-methylphenol and 4-methylphenol concentration is 100µg/mL.



8270 MegaMix® and 8270 Matrix Spike Mix include 3-methylphenol and 4-methylphenol at 1/2 x concentration of other components.

**also available**

Our Rxi®-5Sil MS columns provide high response for 2,4-dinitrophenol, show excellent peak shape of pyridine, and produce outstanding resolution of PAHs.

See **page 87**.

