

LabName: Thermo Laboratory
 InstID: Thermo GC-MS
 OperatorID: Thermo User
 Batch: EPAMethod8270Curve_032406_h

Method: EPAMethod8270Curve_032406_h.mext
 (EPAMethod8270)
 Cali File: EPAMethod8270Curve_032406_h.cxml

Row	SampleID	FileName	Sample Name	FileDate	Comment
2	Blk	031706_b_002	Blk	3/17/2006 2:47:40 PM	

	RT	QIon	Response	Injected Conc Units	Sample Conc Units	Max Conc	Quan Flag
Internal Standards							
1,4-DICHLOROBENZENE-D4_(IS)	5.51	152.00	4017542	40.000 ng/uL	40.000 ng/uL	0.0	
NAPHTHALENE-D8_(IS)	7.00	136.00	14302191	40.000 ng/uL	40.000 ng/uL	0.0	
ACENAPHTHENE-D10_(IS)	9.01	164.00	8029384	40.000 ng/uL	40.000 ng/uL	0.0	
PHENANTHRENE_D10	10.70	188.00	12891320	40.000 ng/uL	40.000 ng/uL	0.0	
CHRYSENE-D12_(IS)	13.69	240.00	8713519	40.000 ng/uL	40.000 ng/uL	0.0	
PERYLENE-D12_(IS)	15.50	264.00	8444393	40.000 ng/uL	40.000 ng/uL	0.0	
Surrogates							
2-fluorophenol(sur)	3.95	112.00	6607457	40.792 ng/uL	40.792 ng/uL	0.0	J
phenol-d5(sur)	5.04	99.00	8222952	40.259 ng/uL	40.259 ng/uL	0.0	
nitrobenzene-d5(sur)	6.16	82.00	4432996	39.574 ng/uL	39.574 ng/uL	0.0	
2,4,6-tribromophenol(sur)	9.90	330.00	789414	38.078 ng/uL	38.078 ng/uL	0.0	
p-terphenyl-d14(sur)	12.49	244.00	7701270	39.553 ng/uL	39.553 ng/uL	0.0	
Target Compounds							
N-Nitrosodimethylamine	0.00	74.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Pyridine_RCRA	2.63	79.00	395	0.002 ng/uL	0.002 ng/uL	1.000 Pass	I
2-Picoline	0.00	93.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
N-Nitrosomethylethylamine_APP9	3.38	88.00	2784	0.029 ng/uL	0.029 ng/uL	1.000 Pass	I
Methyl_methanesulfonate	3.95	80.00	28486	0.449 ng/uL	0.449 ng/uL	1.000 Pass	I
N-Nitrosodiethylamine_APP9	0.00	102.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Ethyl_methanesulfonate	0.00	79.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Phenol(CCC)	5.04	94.00	2639	0.012 ng/uL	0.012 ng/uL	1.000 Pass	I
Aniline	0.00	93.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Bis(2-chloroethyl)ether	0.00	93.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Pentachloroethane	0.00	167.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-chlorophenol	0.00	128.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,3-Dichlorobenzene	5.51	146.00	2888	0.018 ng/uL	0.018 ng/uL	1.000 Pass	I
1,4-Dichlorobenzene(CCC)	5.51	146.00	2888	0.017 ng/uL	0.017 ng/uL	1.000 Pass	I
Benzyl_alcohol	0.00	108.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,2-Dichlorobenzene	5.51	146.00	2888	0.018 ng/uL	0.018 ng/uL	1.000 Pass	I
2-methylphenol	0.00	107.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Bis(2-chloroisopropyl)ether	0.00	45.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
N-Nitrosopyrrolidine_APP9	6.16	100.00	3696	0.040 ng/uL	0.040 ng/uL	1.000 Pass	I
3-Methylphenol&4-methylphenol	0.00	107.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Acetophenone	0.00	105.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
o-toluidine_APP9	0.00	106.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
N-Nitroso-di-N-propylamine(SPCC)	0.00	70.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Hexachloroethane	0.00	117.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Nitrobenzene	0.00	77.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
N-Nitrosopiperidine	0.00	114.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Isophorone	0.00	82.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-Nitrophenol(CCC)	0.00	139.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,4-Dimethylphenol	0.00	122.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Bis(2-chloroethoxy)methane	0.00	93.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,4-Dichlorophenol(CCC)	0.00	162.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,2,4-Trichlorobenzene	0.00	180.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Naphthalene	0.00	128.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,6-Dichlorophenol	0.00	162.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
p-Chloroaniline	0.00	127.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Hexachloropropene_APP9	0.00	213.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Hexachlorobutadiene(CCC)	0.00	225.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	

Quan Flag Legend: J = Between LOD and LOQ, I = Ion Ratio Failure

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 (EPAMethod8270)

Cali File: EPAMethod8270Curve_032406_h.cxml

Target Compounds	RT	QIon	Response	Injected Conc Units	Sample Conc Units	Max Conc	Quan Flag
N-Nitroso-di-N-butylamine	0.00	84.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
4-Chloro-3-methylphenol(CCC)	0.00	107.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Safrole_APP9	0.00	162.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-Methylnaphthalene	0.00	142.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,2,4,5-Tetrachlorobenzene	0.00	216.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Hexachlorocyclopentadiene(SPCC)	0.00	237.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,4,5-Trichlorophenol	0.00	196.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,4,6-Trichlorophenol(CCC)	0.00	196.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-fluorobiphenyl(sur)	8.24	172.00	11041899	39.479 ng/uL	39.479 ng/uL	1.000 Fail	
Isosafrole_APP9	8.24	131.00	93128	1.796 ng/uL	1.796 ng/uL	1.000 Fail	J,I
2-Chloronaphthalene	0.00	162.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-Nitroaniline	0.00	138.00	0	3.563 ng/uL	3.563 ng/uL	1.000 Fail	J
1,4-Naphthoquinone_APP9	0.00	158.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Dimethyl_phthalate	0.00	163.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,3-Dinitrobenzene_app9	0.00	168.00	0	3.178 ng/uL	3.178 ng/uL	1.000 Fail	J
2,6-Dinitrotoluene	0.00	165.00	0	3.254 ng/uL	3.254 ng/uL	1.000 Fail	J
Acenaphthylene	0.00	152.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
3-Nitroaniline	0.00	138.00	0	3.919 ng/uL	3.919 ng/uL	1.000 Fail	J
Acenaphthene(CCC)	9.05	154.00	1283	0.005 ng/uL	0.005 ng/uL	1.000 Pass	I
2,4-Dinitrophenol(SPCC)	0.00	184.00	0	5.347 ng/uL	5.347 ng/uL	1.000 Fail	
4-Nitrophenol(SPCC)	0.00	139.00	0	4.026 ng/uL	4.026 ng/uL	1.000 Fail	J
Pentachlorobenzene	0.00	250.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2,4-Dinitrotoluene	9.01	165.00	1031485	18.712 ng/uL	18.712 ng/uL	1.000 Fail	I
Dibenzofuran	0.00	168.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1-Naphthylamine	0.00	143.00	0	0.000	0.000	1.000 Pass	
2,3,4,6-Tetrachlorophenol	0.00	232.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-Naphthylamine	0.00	143.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Diethyl_Phthalate	0.00	149.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
4-Chlorophenyl_phenyl_ether	0.00	204.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
5-Nitro-o-toluidine_APP9	0.00	152.00	0	3.727 ng/uL	3.727 ng/uL	1.000 Fail	J
Fluorene	0.00	166.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
4-Nitroaniline	0.00	138.00	0	3.222 ng/uL	3.222 ng/uL	1.000 Fail	J
2-Methyl-4,6-dinitrophenol	0.00	198.00	0	3.466 ng/uL	3.466 ng/uL	1.000 Fail	J
Diphenylamine(CCC)	9.90	169.00	30515	0.122 ng/uL	0.122 ng/uL	1.000 Pass	I
Azobenzene	0.00	77.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
1,3,5-Trinitrobenzene_APP9	0.00	75.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Phenacetin	0.00	108.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
4-Bromophenyl_phenyl_ether	0.00	248.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Diallate_APP9	0.00	86.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Hexachlorobenzene	0.00	284.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
4-Aminobiphenyl	0.00	169.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Pentachlorophenol(CCC)	10.48	266.00	3985	0.143 ng/uL	0.143 ng/uL	1.000 Pass	
Pentachloronitrobenzene	0.00	237.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Pronamide	0.00	173.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Dinoseb	0.00	211.00	0	4.448 ng/uL	4.448 ng/uL	1.000 Fail	J
Phenanthrene	0.00	178.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Anthracene	0.00	178.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Carbazole_app9	10.96	167.00	2759	0.007 ng/uL	0.007 ng/uL	1.000 Pass	
Di-N-butyl_phthalate	0.00	149.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Isodrin_APP9	0.00	193.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Fluoranthene(CCC)	0.00	202.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Benzidine	12.21	184.00	12842	2.974 ng/uL	2.974 ng/uL	1.000 Fail	J
Pyrene	0.00	202.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
p-Dimethylaminoazobenzene	0.00	225.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Chlorobenzilate_APP9	0.00	251.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	

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Blank Report

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3,3'-Dimethylbenzidine_APP9	0.00	212.00	0	2.157 ng/uL	2.157 ng/uL	1.000 Fail	J
Butyl_Benzyl_Phthalate	0.00	149.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Kepone_APP9	0.00	272.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
2-Acetylaminofluorene_APP9	0.00	181.00	0	4.208 ng/uL	4.208 ng/uL	1.000 Fail	J
3,3'-Dichlorobenzidine_APP9	0.00	252.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Chrysene	0.00	228.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Benz(a)anthracene	13.69	228.00	20601	0.076 ng/uL	0.076 ng/uL	1.000 Pass	
Bis(2-ethylhexyl)phthalate	0.00	149.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Di-n-octylphthalate(CCC)	0.00	149.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
7,12-Dimethylbenz(a)anthracene	0.00	256.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Benzo(b)fluoranthene	0.00	252.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Benzo(k)fluoranthene	0.00	252.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
hexachlorophene	0.00	196.00	0	8.872 ng/uL	8.872 ng/uL	1.000 Fail	
Benzo(a)pyrene(CCC)	15.51	252.00	26162	0.103 ng/uL	0.103 ng/uL	1.000 Pass	
3-Methylcholanthrene	0.00	268.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Indeno(1,2,3-c,d)pyrene	0.00	276.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Dibenz(a,h)anthracene	0.00	278.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	
Benzo(g,h,i)perylene	0.00	276.00	0	0.000 ng/uL	0.000 ng/uL	1.000 Pass	

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