

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

C Number: C02200A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_361

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Uterus

Myocardium Nos

Myocardium Nos

Bile Duct

Angiectasis

Fibrosis, Focal

Inflammation, Focal

Hyperplasia, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_362

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Intestine Large

Skin

Spleen

Stomach

Uterus

Colon

Mucosa

Parasitism

Squamous Cell Carcinoma

Hemosiderosis

Dilatation, Nos

Abscess, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_363

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_364

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Lung

Pneumonia, Chronic Murine

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_365

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Centrilobular

Cytoplasmic Vacuolization

Metamorphosis, Fatty

Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_366

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Ovary		Granulosa-Cell Tumor
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus	Myometrium	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_367

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Infarct, Healed

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Cyst, Nos

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_368

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Intestine Large
Ovary
Spleen

Myocardium Nos
Colon

Fibrosis, Focal
Parasitism
Granuloma, Nos
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_369

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_370

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Cyst, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_371

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Spleen

Stomach

Mucosa

Fibroadenoma

Chromophobe Adenoma

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_372

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Inflammation, Necrotizing
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Carcinoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_373

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchiole

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_374

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_375

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_376

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis, Focal

Mammary gland

Fibroadenoma

Pituitary gland

Cyst, Nos

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_377

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_378

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Large

Liver

Pituitary gland

Colon

Bile Duct

Cytoplasmic Vacuolization

Parasitism

Hyperplasia, Focal

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_379

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Spleen

Uterus

Hemosiderosis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_051

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Necrosis, Nos

Unspecified

Fibroadenoma

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_052

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_053

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Hemorrhage

Lung

Hemorrhage

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_054

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Liver

Centrilobular

Necrosis, Coagulative

Lung

Bronchopneumonia, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_055

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pancreas

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_056

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_057

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Atelectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_058

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hemorrhage

Lung

Atelectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_059

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Congestion, Nos

Hemorrhage

Necrosis, Nos

Kidney

Inflammation, Chronic

Liver

Centrilobular

Degeneration, Nos

Lung

Pleura Nos

Foam-Cell

Uterus

Endometrium

Pneumonia, Chronic Murine

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_060

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_061

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Nos

Lung

Edema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_062

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_063

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lung

Inflammation, Chronic

Congestion, Nos

Pleura Nos

Foam-Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_064

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Myocardium Nos

Congestion, Nos

Degeneration, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_065

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Trachea		Inflammation, Nos
Uterus	Endometrium	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_066

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Inflammation, Chronic
Thyroid	Follicle	Collapse
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_067

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung	Pleura Nos	Foam-Cell
		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_068

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pleura Nos

Foam-Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_069

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Necrosis, Coagulative
Lung	Pleura Nos	Foam-Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_070

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Alveoli

Cyst, Hemorrhagic

Congestion, Passive

Histiocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_071

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_072

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Congestion, Nos
	Pleura Nos	Foam-Cell
Trachea		Inflammation, Nos
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_073

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Centrilobular

Necrosis, Nos

Lung

Pleura Nos

Foam-Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_074

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_075

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos
		Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_076

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Hemorrhage

Liver

Necrosis, Nos

Lung

Metamorphosis, Fatty

Uterus

Congestion, Nos

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_077

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Skin

Ear

Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_079

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lung

Inflammation, Chronic

Congestion, Nos

Pleura Nos

Foam-Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_080

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Degeneration, Nos
Lung	Pleura Nos	Foam-Cell
		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_081

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Centrilobular

Degeneration, Nos

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_082

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_084

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Lymph node		Inflammation, Acute
Unspecified		Abscess, Nos
Uterus	Endometrium	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_085

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Congestion, Nos

Kidney

Necrosis, Nos

Liver

Inflammation, Chronic

Degeneration, Nos

Lung

Pleura Nos

Necrosis, Nos

Foam-Cell

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_086

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pleura Nos

Foam-Cell

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_087

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_088

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_089

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Congestion, Nos

Pleura Nos

Foam-Cell

Uterus

Endometrium

Pneumonia, Chronic Murine

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_090

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_091

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Trachea

Centrilobular

Congestion, Nos

Inflammation, Chronic

Necrosis, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_092

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Degeneration, Nos

Necrosis, Nos

Lung

Atelectasis

Congestion, Nos

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_093

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveoli

Histiocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_094

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_096

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_097

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchopneumonia, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_098

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Meninges

Inflammation, Hemorrhagic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_099

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Ovary

Congestion, Nos

Inflammation, Chronic

Corpus Luteum

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_100

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 002.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Centrilobular

Pleura Nos

Inflammation, Chronic

Degeneration, Nos

Foam-Cell

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_151

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Glioma, Nos

Heart

Myocardium Nos

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_152

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Spleen		Fibrosis
		Hemosiderosis
Unspecified	Abdominal Cavity	Steatitis
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_154

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Spleen		Hemosiderosis
Unspecified	Abdominal Cavity	Steatitis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_155

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_156

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_157

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Spleen

Hematopoiesis

Unspecified

Abdominal Cavity

Hemosiderosis

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_159

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_160

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Endometrium

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_161

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_162

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_163

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Lung	Pneumonia, Chronic Murine
Uterus	Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_164

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_165

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Ovary

Uterus

Pneumonia, Lipid

Cyst, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_166

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_167

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Ileum

Inflammation, Focal

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Unspecified

Pelvis Nos

Necrosis, Fat

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_168

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Adenocarcinoma In Adenomatous Polyp Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_169

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Pituitary gland

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_170

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_171

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Liver
Lung
Thyroid
Uterus

Colon

Nematodiasis
Focal Cellular Change
Pneumonia, Chronic Murine
Hyperplasia, C Cell
Endometrial Stromal Polyp
Inflammation, Nos

Cervix Uteri

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_172

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_173

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_174

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Focal

Intestine Small

Ileum

Inflammation, Chronic

Ovary

Inflammation, Chronic

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_175

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_176

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Intestine Small

Ileum

Inflammation, Chronic

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

Spleen

Hematopoiesis

Thyroid

Hemosiderosis

Uterus

Endometrium

Follicular-Cell Adenoma

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_177

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Intestine Small	Ileum	Inflammation, Chronic
Lung		Inflammation, Granulomatous Focal
Pituitary gland		Cyst, Hemorrhagic
Spleen		Hematopoiesis
		Hemosiderosis
Trachea		Inflammation, Nos
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_178

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_179

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pituitary gland

Congestion, Nos

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_180

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_181

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Inflammation, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrium	Fibrosis
	Endometrium	Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_182

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Spleen

Ileum, Ileum

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Trachea

Inflammation, Chronic Suppurative

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_183

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum, Ileum

Inflammation, Acute/Chronic

Liver

Hepatocellular Carcinoma

Lung

Inflammation, Focal

Spleen

Hematopoiesis

Trachea

Hemosiderosis

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_184

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_185

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchopneumonia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_186

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_187

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Lung

Large Intestine, Colon

Nematodiasis
Granuloma, Nos
Pneumonia, Chronic Murine

Spleen
Uterus

Endometrium

Hematopoiesis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_188

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Uterus

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_189

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Intestine Small	Ileum	Hyperplasia, Lymphoid
Lung	Bronchus	Inflammation, Nos
Nasal cavity		Cyst, Nos
Ovary		Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Trachea		Inflammation, Chronic
Uterus	Cervix Uteri	Abscess, Nos
	Cervix Uteri	Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_190

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pituitary gland

Inflammation, Chronic

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_191

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Dilatation, Ducts

Pituitary gland

Cyst, Nos

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_192

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_193

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_194

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Congestion, Nos
		Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
Trachea		Inflammation, Chronic Suppurative
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_195

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_196

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mammary gland

Pituitary gland

Spleen

Uterus

Hyperplasia, Reticulum Cell

Fibroadenoma

Cyst, Nos

Hemorrhage

Endometrial Stromal Polyp

Endometrium

Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_197

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Inflammation, Chronic

Spleen

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_198

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Uterus	Fibroma
Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_199

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Thyroid

Cyst, Nos

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_200

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Inflammation, Acute Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_222

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Ovary		Cyst, Follicular Nos
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_223

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Nos

Liver

Focal Cellular Change

Uterus

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_224

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Spleen

Cytoplasmic Change, Basophilic

Inflammation, Chronic

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_225

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_226

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Ovary		Cyst, Nos
Uterus	Endometrium	Carcinoma, Nos
		Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_227

TRT#: 4

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Brain

Liver

Spleen

Uterus

Endometrium

Pheochromocytoma

Hyperplasia, Hematopoietic

Necrosis, Focal

Hepatitis, Toxic

Infarct, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_228

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_229

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_230

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_231

TRT#: 4

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Hyperplasia, Cystic

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_232

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cyst, Nos

Pituitary gland

Lactation

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_233

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone	Sarcoma, Nos
Liver	Hyperplasia, Nos
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_234

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Nasal cavity

Inflammation, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_235

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_236

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Uterus

Pneumonia, Chronic Murine

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_237

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_238

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_239

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_240

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Mammary gland

Ovary

Myocardium Nos

Fibrosis

Fibroadenoma

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_291

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Spleen

Stomach

Thyroid

Mucosa

Inflammation, Chronic

Hemosiderosis

Dilatation, Nos

Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_292

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Hyperplasia, Tubular Cell

Pituitary gland

Cyst, Hemorrhagic

Skin

Keratoacanthoma

Spleen

Hematopoiesis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_293

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_294

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_295

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Spleen
Stomach

Colon

Mucosa

Angiectasis
Parasitism
Inflammation, Chronic
Hemosiderosis
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_296

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Lung		Histiocytosis
Spleen		Hemosiderosis
Uterus		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_297

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus		Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_298

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Inflammation, Focal
Clitoral gland		Carcinoma, Nos
Kidney		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_299

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_300

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Spleen

Stomach

Uterus

Mucosa

Endometrium

Angiectasis

Cytoplasmic Change, Basophilic

Hemosiderosis

Dilatation, Nos

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_301

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Intestine Large

Colon

Parasitism

Kidney

Inflammation, Chronic

Stomach

Mucosa

Dilatation, Nos

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_302

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Thymus

Uterus

Mucoepidermoid Carcinoma

Cyst, Thyroglossal Duct

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_303

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Pituitary gland

Spleen

Stomach

Mucosa

Carcinoma, Nos, Uncertain Primary Or Metastatic

Chromophobe Adenoma

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_304

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_305

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_306

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Spleen

Stomach

Uterus

Mucosa

Hemosiderosis

Dilatation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_307

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung		Inflammation, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_308

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Pituitary gland		Cyst, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_309

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_310

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Cholemic

Liver

Cytoplasmic Change, Basophilic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_312

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pancreas

Acinus

Atrophy, Focal

Spleen

Hemosiderosis

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_313

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Liver

Bile Duct

Hyperplasia, Focal

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_314

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_315

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Spleen

Stomach

Uterus

Mucosa

Angiectasis

Hemosiderosis

Dilatation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_316

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Pancreas	Acinus	Atrophy, Focal
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_317

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Mammary gland		Cystic Ducts
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_318

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrium

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_319

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Stomach	Mucosa	Dilatation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_320

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Histiocytosis

Pituitary gland

Chromophobe Adenoma

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_321

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Lung

Alveolar/Bronchiolar Carcinoma

Mammary gland

Adenocarcinoma, Nos

Pituitary gland

Angiectasis

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_322

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Inflammation, Chronic

Liver

Leukemoid Reaction

Lung

Pneumonia, Chronic Murine

Pituitary gland

Angiectasis

Stomach

Mucosa

Dilatation, Nos

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_323

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Lung

Spleen

Stomach

Myocardium Nos

Colon

Mucosa

Angiectasis

Inflammation, Chronic Focal

Parasitism

Inflammation, Chronic

Pneumonia, Chronic Murine

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_324

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Lipoma

Liver

Cyst, Nos

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_325

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Stomach

Mucosa

Dilatation, Nos

Thymus

Cyst, Thyroglossal Duct

Trachea

Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_326

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_327

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Stomach	Mucosa	Dilatation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_328

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Uterus

Endometrium

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_329

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Intestine Large

Colon

Cytoplasmic Vacuolization

Spleen

Parasitism

Thyroid

Hemosiderosis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_330

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_331

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Spleen

Hemosiderosis

Stomach

Mucosa

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_332

TRT#: 5

DOSE: 500.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Spleen

Necrosis, Hemorrhagic

Necrosis, Medullary

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_333

TRT#: 5

DOSE: 500.0 MG/KG

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Uterus

Fibroadenoma

Hemosiderosis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_334

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Ovary		Cyst, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_335

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Spleen

Stomach

Mucosa

Angiectasis

Cytoplasmic Change, Basophilic

Histiocytosis

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_336

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Spleen

Stomach

Mucosa

Granuloma, Nos

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_337

TRT#: 5

DOSE: 500.0 MG/KG

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Spleen

Uterus

Cytoplasmic Vacuolization

Inflammation, Chronic

Histiocytosis

Pneumonia, Chronic Murine

Hemosiderosis

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_338

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Intestine Large
Liver

Myocardium Nos
Colon
Bile Duct

Fibrosis
Parasitism
Hyperplasia, Nos
Inflammation, Chronic Focal
Histiocytosis
Hematopoiesis

Lung
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_339

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Dilatation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_340

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Ovary		Cyst, Parovarian
Spleen		Hemosiderosis
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_070

TRT#: 6

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_078

TRT#: 6
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_080

TRT#: 6
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_088

TRT#: 6

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_154

TRT#: 7

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Intestinal Tract

Hyperplasia, Lymphoid

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene
CAS Number: 100-42-5

Date Report Requested: 10/26/2014
Time Report Requested: 13:08:01
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_158

TRT#: 7
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Atelectasis

Atelectasis

Atelectasis

Atelectasis

Atelectasis

Atelectasis

Atelectasis

Atelectasis

Hemorrhage

Hemorrhage

Hemorrhage

Hemorrhage

Hemorrhage

Hemorrhage

Hemorrhage

Hemorrhage

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_172

TRT#: 7
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_176

TRT#: 7

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal
Inflammation, Acute Focal

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_178

TRT#: 7
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_184

TRT#: 7

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Lung

Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute
Bronchopneumonia, Acute

Thyroid

Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_186

TRT#: 7

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Calcinosis, Nos

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02200A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene

CAS Number: 100-42-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_200

TRT#: 7

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE