

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

C Number: C54977

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Bacterial Septicemia
		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Testis		Hypospermatogenesis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Spleen

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Metamorphosis, Fatty

Hypoplasia, Lymphoid

Interstitial-Cell Tumor

Sarcoma, Nos

Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Focal
		Thrombus, Organized
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactoceles
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Acinus

Islets

Anterior Pituitary

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Atrophy, Nos

Islet-Cell Carcinoma

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Pancreas

Acinus

Atrophy, Nos

Thyroid

Follicular-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Periarteritis
Testis		Adenoma, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Acinus

Islets

Testis

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Focal Cellular Change

Atrophy, Nos

Islet-Cell Adenoma

Periarteritis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Cystic
		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
		Periarteritis
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Hyperplasia, Interstitial Cell
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibroadenocarcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Stomach

Forestomach

Hyperplasia, Epithelial

Testis

Aspermatogenesis

Unspecified

Fibroma

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Metamorphosis, Fatty

Pancreas

Acinus

Atrophy, Nos

Islets

Islet-Cell Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Skin

Inflammation, Chronic

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Glioma, Nos Mineralization
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Testis		Aspermatogenesis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Spleen

Testis

Unspecified

Bile Duct

Acinus

Islets

Anterior Pituitary

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Atrophy, Nos

Islet-Cell Carcinoma

Adenoma, Nos

Infarct, Hemorrhagic

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Islets

Pituitary gland

Testis

Anterior Pituitary

Pheochromocytoma

Inflammation, Chronic

Infarct, Healed

Nephropathy

Focal Cellular Change

Hyperplasia, Adenomatous

Acinar-Cell Adenoma

Hyperplasia, Focal

Periarteritis

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Tubule	Cyst, Nos Nephropathy
Pancreas	Acinus Islets	Atrophy, Nos Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Liver

Degeneration, Nos

Infarct, Nos

Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Pituitary gland

Testis

Acinus

Anterior Pituitary

Nephropathy

Focal Cellular Change

Atrophy, Nos

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Inflammation, Chronic Focal

Metamorphosis, Fatty

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Liver		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Back	Liposarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Granuloma, Foreign Body
Heart	Atrium	Inflammation, Chronic Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Degeneration, Cystic Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Meningioma
Epididymis		Granuloma, Spermatic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
		Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Testis

Unspecified

Bile Duct

Acinus

Islets

Anterior Pituitary

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Atrophy, Nos

Islet-Cell Adenoma

Adenoma, Nos

Aspermatogenesis

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Aspermatogenesis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Aspermatogenesis
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas		Fibrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_101

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Unspecified

Acinus

Islets

Anterior Pituitary

Multiple Organs Nos

Cortical Adenoma

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Thrombus, Organized

Atrophy, Nos

Islet-Cell Adenoma

Adenoma, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_103

TRT#: 1

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Pancreas

Stomach

Testis

Unspecified

Acinus

Forestomach

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Necrosis, Focal

Regeneration, Nodular

Atrophy, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_107

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Abscess, Nos
Liver	Centrilobular	Metamorphosis, Fatty Necrosis, Central Squamous Cell Carcinoma, Metastatic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Squamous Cell Carcinoma, Metastatic
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Urinary bladder		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Trichoepithelioma
Spleen		Hemangioma
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Hemorrhage
		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Stomach

Testis

Unspecified

Acinus

Forestomach

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Adenomatous

Atrophy, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

Basal-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Liver

Necrosis, Central

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Mammary gland		Adenoma, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Squamous Cell Carcinoma, Metastatic
Liver	Centrilobular	Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Bacterial Septicemia
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Fibrosis, Focal
Lung		Inflammation, Suppurative
		Thrombus, Organized
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Infarct, Hemorrhagic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Stomach

Forestomach

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Stomach

Testis

Unspecified

Acinus

Anterior Pituitary

Forestomach

Forestomach

Multiple Organs Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Metamorphosis, Fatty

Atrophy, Nos

Adenoma, Nos

Hyperplasia, Epithelial

Squamous Cell Papilloma

Interstitial-Cell Tumor

Fibrosis

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Islets	Islet-Cell Carcinoma
		Periarteritis
Pituitary gland		Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney	Tubule	Cyst, Nos Nephropathy
Lymph node		Degeneration, Cystic
Pancreas	Acinus	Atrophy, Nos Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_155

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid Pheochromocytoma
Heart		Inflammation, Chronic
Liver		Infarct, Healed
		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Adenocarcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_157

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Stomach

Forestomach

Forestomach

Forestomach

Testis

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Acinar-Cell Adenoma

Hyperplasia, Epithelial

Squamous Cell Carcinoma

Squamous Cell Papilloma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Regeneration, Nodular
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Pheochromocytoma

Kidney

Inflammation, Chronic

Pancreas

Acinus

Nephropathy

Pituitary gland

Islets

Atrophy, Nos

Stomach

Anterior Pituitary

Islet-Cell Adenoma

Testis

Forestomach

Adenoma, Nos

Thyroid

Squamous Cell Papilloma

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver

Cortex Nos

Degeneration, Lipoid
Inflammation, Chronic
Metamorphosis, Fatty
Necrosis, Focal

Stomach

Forestomach

Inflammation, Active Chronic

Testis

Forestomach

Squamous Cell Papilloma

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Stomach

Testis

Forestomach

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Degeneration, Lipoid

Focal Cellular Change

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_167

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Carcinoma, Nos, Invasive
	Multiple Organs Nos	Leukocytosis, Neutrophilic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_169

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Adenoma, Nos
Spleen		Hemangiosarcoma
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Hemorrhage

Thymus

Inflammation, Chronic

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_175

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Cortex Nos

Degeneration, Lipoid
Inflammation, Chronic
Necrosis, Focal
Nephropathy
Metamorphosis, Fatty
Squamous Cell Carcinoma, Metastatic

Kidney
Liver

Lung
Stomach
Testis
Thyroid

Forestomach

Sarcoma, Nos, Metastatic
Squamous Cell Carcinoma
Interstitial-Cell Tumor
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_177

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Necrosis, Focal
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_179

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty Necrosis, Central
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukocytosis, Neutrophilic
	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_187

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_189

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Cystic
		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_195

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Focal
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_197

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified		Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_199

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_201

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Salivary gland		Sarcoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_203

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Abscess, Nos
		Focal Cellular Change
		Squamous Cell Carcinoma, Metastatic
Lymph node		Degeneration, Cystic
		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_205

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
	Atrium	Thrombus, Organized
Kidney		Nephropathy
Liver		Degeneration, Cystic
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_207

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Pancreas

Stomach

Forestomach

Forestomach

Forestomach

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Thrombus, Organized

Alveolar/Bronchiolar Carcinoma

Inflammation, Chronic

Hyperplasia, Epithelial

Squamous Cell Carcinoma

Squamous Cell Papilloma

Interstitial-Cell Tumor

Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Crystals, Nos Nephropathy
Lymph node		Congestion, Nos
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Anterior Mediastinal Artery

Thrombus, Organized

Heart

Inflammation, Chronic

Kidney

Crystals, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Lung		Congestion, Acute
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Squamous Cell Carcinoma, Metastatic
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Carcinoma, Nos
	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Carcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_221

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Degeneration, Lipoid Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_223

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_225

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
		Periarteritis
Prostate		Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_227

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Inflammation, Chronic
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_229

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_231

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Medulla

Hyperplasia, Focal

Liver

Nephropathy

Necrosis, Focal

Pancreas

Acinus

Thrombus, Organized

Stomach

Forestomach

Atrophy, Nos

Thyroid

Squamous Cell Carcinoma

C-Cell Carcinoma

Unspecified

Multiple Organs Nos

Follicular-Cell Carcinoma

Fibroma

Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_233

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Thrombosis, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_235

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Infarct, Nos
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_237

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_239

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Lipo
		Infarct, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_241

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Central
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland		Hyperplasia, Focal
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_243

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Infarct, Nos
		Necrosis, Central
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_245

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Prostate

Inflammation, Active Chronic

Stomach

Forestomach

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_247

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_249

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_251

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_253

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Stomach

Forestomach

Fibrosis, Focal

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_255

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Stomach	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_257

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Internal
Heart		Degeneration, Nos
		Fibrosis, Focal
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_259

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Congestion, Nos
		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_261

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
		Ulcer, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_263

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Inflammation, Suppurative

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_265

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_267

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Degeneration, Cystic

Hemosiderosis

Necrosis, Focal

Pancreas

Acinus

Atrophy, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_269

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Mineralization
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Abscess, Nos
		Squamous Cell Carcinoma, Metastatic
Lymph node		Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_271

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Hemosiderosis
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_273

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Stomach

Thyroid

Unspecified

Acinus

Anterior Pituitary

Forestomach

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Thrombus, Organized

Galactocele

Atrophy, Nos

Hyperplasia, Focal

Squamous Cell Carcinoma

C-Cell Adenoma

Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_275

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_277

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
Spleen		Congestion, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_279

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Necrosis, Central
		Neoplastic Nodule
Lung		Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_281

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_283

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Congestion, Nos

Lung

Congestion, Nos

Stomach

Forestomach

Hemorrhage

Testis

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_285

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Congestion, Acute
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_287

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_289

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver		Necrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Hematoma, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_291

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Pituitary gland

Stomach

Testis

Trachea

Anterior Pituitary

Forestomach

Pheochromocytoma, Malignant

Inflammation, Chronic

Focal Cellular Change

Bronchopneumonia, Acute

Squamous Cell Carcinoma, Metastatic

Adenoma, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_293

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Necrosis, Diffuse
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_295

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Inflammation, Suppurative
		Necrosis, Diffuse
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Suppurative
Pituitary gland		Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_297

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Bacterial Septicemia
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_299

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Atrium

Thrombus, Organized

Kidney

Nephropathy

Liver

Necrosis, Central

Pituitary gland

Anterior Pituitary

Squamous Cell Carcinoma, Metastatic

Stomach

Forestomach

Adenoma, Nos

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_301

TRT#: 3

DOSE: 550.0 MG/KG

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_303

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Central
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_305

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Cystic Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Carcinoma, Nos, Metastatic
	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_307

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Central
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_309

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Diffuse
Lung		Bronchopneumonia, Chronic
		Hyperplasia, Adenomatous
Lymph node	Mesenteric Lymph Node	Squamous Cell Carcinoma, Metastatic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54977

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Styrene oxide

CAS Number: 96-09-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:08:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_311

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Prostate		Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****