

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: 13:08:17

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: Female

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Pituitary gland

Hyperplasia, Focal

Uterus

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Galactocele

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrium

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Pituitary gland	Cyst, Nos
	Hyperplasia, Focal
Uterus	Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Focal
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Focal
		Inflammation, Chronic
Unspecified	Ear	Fibrosarcoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Thyroid

Anterior Pituitary

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Fibroadenoma

Adenoma, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Abscess, Nos Inflammation, Chronic
	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Spleen		Hemangioma
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver

Mesentery Nos

Degeneration, Lipoid
Necrosis, Fat
Nephropathy
Adhesion, Fibrous
Focal Cellular Change

Lung
Mammary gland
Pituitary gland
Spleen
Stomach
Thymus
Unspecified

Anterior Pituitary

Granuloma, Nos
Galactocele
Adenoma, Nos
Depletion, Lymphoid
Adhesion, Fibrous
Abscess, Chronic
Inflammation, Chronic
Leukemia, Mononuclear Cell

Multiple Organs Nos
Multiple Organs 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Pituitary gland
Uterus

Cortex Nos

Anterior Pituitary

Degeneration, Lipoid
Nephropathy
Focal Cellular Change
Adenoma, Nos
Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney	Tubule	Cyst, Nos Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pituitary gland		Hyperplasia, Focal

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Degeneration, Lipoid

Inflammation, Chronic

Inflammation, Suppurative

Nephropathy

Metamorphosis, Fatty

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hemorrhage

Cortex Nos

Hypertrophy, Nos

Liver

Metamorphosis, Fatty

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

Spleen

Hemosiderosis

Stomach

Forestomach

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Thyroid

Uterus

Acinus

Anterior Pituitary

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Atrophy, Nos

Adenoma, Nos

C-Cell Carcinoma

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Infarct, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain

Heart

Liver

Lung

Thyroid

Glioma, Nos

Inflammation, Chronic

Neoplastic Nodule

Thrombus, Organized

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Adenocarcinoma, Nos
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas	Acinus	Atrophy, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pancreas

Pituitary gland

Acinus

Anterior Pituitary

Nephropathy

Fibroadenoma

Atrophy, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Tubular-Cell Adenoma

Liver

Focal Cellular Change

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

DOSE: 0

SEX: Female

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
Thyroid		C-Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

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

Uterus

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Clitoral gland

Adenoma, Nos

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Islets

Islet-Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Liver

Pancreas

Acinus

Inflammation, Chronic

Focal Cellular Change

Atrophy, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Cyst, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Acinus

Anterior Pituitary

Nephropathy

Focal Cellular Change

Fibroadenoma

Atrophy, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Galactocele

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Cyst, Follicular 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Astrocytoma
Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Lung	Hyperplasia, Alveolar Epithelium
Mammary gland	Fibroadenoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Cortex Nos

Degeneration, Lipoid

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Necrosis, Focal

Pancreas

Pituitary gland

Unspecified

Uterus

Acinus

Anterior Pituitary

Multiple Organs Nos

Atrophy, Nos

Adenoma, Nos

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Anterior Pituitary

Nephropathy

Focal Cellular Change

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Acinus

Anterior Pituitary

Cortical Adenoma

Nephropathy

Focal Cellular Change

Atrophy, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Spleen

Pheochromocytoma

Inflammation, Chronic

Focal Cellular Change

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Focal Cellular Change

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Uterus

Endometrium

Cyst, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Islets

Hyperplasia, Focal

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_102

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

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

Unspecified

Pelvic Organs

Granuloma, Foreign Body

Pelvic Organs

Granuloma, Pyogenic

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_104

TRT#: 1

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Abscess, Nos

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Urinary bladder

Transitional-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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hyperplasia, Focal

Stomach

Forestomach

Squamous Cell Carcinoma

Thyroid

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

Uterus

Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma, Malignant

Heart Inflammation, Chronic

Kidney Nephropathy

Liver Abscess, Nos

Focal Cellular Change

Squamous Cell Carcinoma, Metastatic

Pituitary gland Adenoma, Nos

Stomach Forestomach Squamous Cell Carcinoma

Uterus Fallopian Tube Inflammation, With Fibrosis

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Lipodystrophy, Nos
Liver		Focal Cellular Change
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Female

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
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Female

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
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Female

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
Stomach	Forestomach	Hyperplasia, Epithelial
	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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_130

TRT#: 2

SEX: Female

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
Lymph node		Squamous Cell Carcinoma, Metastatic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_132

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Granuloma, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		C-Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Acinus	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Leukemia, Mononuclear Cell
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Female

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
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Pituitary gland

Stomach

Thymus

Unspecified

Anterior Pituitary

Forestomach

Multiple Organs Nos

Hemorrhage

Inflammation, Chronic

Focal Cellular Change

Thrombus, Organized

Adenoma, Nos

Carcinoma, Nos

Hemorrhage

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Intestine Small	Ileum	Mucinous Adenocarcinoma
Lymph node		Abscess, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_154

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		C-Cell Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Carcinoma, In Situ
Tongue		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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_158

TRT#: 2

DOSE: 275.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Suppurative
Liver		Necrosis, Central
Stomach	Forestomach	Hyperplasia, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_160

TRT#: 2

SEX: Female

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
Lung		Granuloma, Foreign Body
Stomach	Forestomach	Squamous Cell Papilloma
	Forestomach	Ulcer, Chronic
Uterus		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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Nos
	Forestomach	Ulcer, Chronic
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_164

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Medulla

Degeneration, Lipoid
Hyperplasia, Focal

Heart

Kidney

Inflammation, Chronic

Liver

Nephropathy

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Stomach

Forestomach

Adenoma, Nos

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_166

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_168

TRT#: 2

SEX: Female

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	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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_170

TRT#: 2

SEX: Female

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
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Inflammation, Granulomatous
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

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
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_176

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Uterus		Endometrial Stromal Polyp
		Inflammation, Necrotizing

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_178

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid Hyperplasia, Focal
Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_180

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_184

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Stomach	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_186

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Pancreas

Acinus

Stomach

Forestomach

Unspecified

Multiple Organs Nos

Atrophy, Nos

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

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
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Thyroid		C-Cell Carcinoma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Pancreas

Acinus

Atrophy, Nos

Stomach

Forestomach

Squamous Cell Papilloma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 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
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Medulla

Hyperplasia, Focal

Liver

Inflammation, Chronic

Neoplastic Nodule

Lung

Squamous Cell Carcinoma, Metastatic

Squamous Cell Carcinoma, Metastatic

Pancreas

Acinus

Atrophy, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_198

TRT#: 2

SEX: Female

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
Kidney		Nephropathy
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Sarcoma, Nos
Unspecified	Multiple Organs Nos	Leukocytosis, Neutrophilic
	Multiple Organs Nos	Sarcoma, Nos, Metastatic
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_200

TRT#: 2

SEX: Female

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		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_202

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Mammary gland	Fibroadenoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_204

TRT#: 2

SEX: Female

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
Liver		Necrosis, Central
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach		Sarcoma, Nos
	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Metastatic
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_206

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 275.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_208

TRT#: 2

SEX: Female

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
Mammary gland		Fibroadenoma
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Carcinoma, Nos

Forestomach

Hyperplasia, Epithelial

Forestomach

Squamous Cell Papilloma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Clitoral gland

Carcinoma, Nos

Liver

Necrosis, Central

Pancreas

Acinus

Atrophy, Nos

Stomach

Forestomach

Squamous Cell Papilloma

Unspecified

Multiple Organs Nos

Leukocytosis, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Liver		Infarct, Nos
		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
	Islets	Inflammation, Active Chronic
		Squamous Cell Carcinoma, Metastatic
Pituitary gland		Cyst, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

DOSE: 550.0 MG/KG

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Granular-Cell Tumor, Benign
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_222

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Bronchopneumonia, Acute
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_224

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_226

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_228

TRT#: 3

SEX: Female

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
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_230

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_232

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Salivary gland		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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_234

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Hemorrhage

Stomach

Inflammation, Chronic

Unspecified

Forestomach

Squamous Cell Papilloma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_236

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_238

TRT#: 3

DOSE: 550.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_240

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Stomach

Forestomach

Forestomach

Forestomach

Hemosiderosis

Hyperplasia, Epithelial

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_242

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_244

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Abscess, Nos
		Bronchopneumonia, Acute
	Pleura Nos	Inflammation, Suppurative
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
Thymus		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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_246

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Medulla

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Nephropathy

Pancreas

Islets

Focal Cellular Change

Pituitary gland

Anterior Pituitary

Islet-Cell Adenoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_248

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Suppurative

Liver

Necrosis, Central

Squamous Cell Carcinoma, Metastatic

Lung

Bronchopneumonia, Acute

Stomach

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_250

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_252

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Mineralization
Heart		Inflammation, Chronic
Liver		Congestion, Nos
		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_254

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver	Centrilobular	Congestion, Nos Focal Cellular Change
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_256

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_258

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Papilloma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_260

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_262

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Congestion, Nos
		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_264

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_266

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_268

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Hyaline

Liver

Necrosis, Central

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_270

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Liver

Inflammation, Chronic

Inflammation, Necro 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_272

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Atrium

Thrombus, Organized

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Galactoceles

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_274

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hypoplasia, Nos
Heart		Inflammation, Chronic
		Thrombus, Organized
Kidney		Nephropathy
Liver		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_276

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Infarct, Nos
		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
Uterus		Adenocarcinoma, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_278

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_280

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Congestion, Nos

Heart

Cortex Nos

Degeneration, Lipoid

Liver

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Necrosis, Central

Stomach

Forestomach

Adenoma, Nos

Unspecified

Multiple Organs Nos

Squamous Cell Papilloma

Adenocarcinoma Nos Uncertain Primary/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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_282

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, 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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_284

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Leiomyosarcoma
		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Acinar-Cell Adenoma
	Islets	Atrophy, Nos
		Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Spleen		Leukemia, Mononuclear Cell
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_286

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Carcinoma
	Forestomach	Squamous Cell Papilloma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_288

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Necrosis, Focal
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
		Ulcer, Perforated

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_290

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Ovary		Thecoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		C-Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_292

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Intestine Small

Mesentery Nos

Leiomyosarcoma, Metastatic

Kidney

Calcinosis, Nos

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Stomach

Forestomach

Squamous Cell Papilloma

Uterus

Endometrial Stromal Polyp

Leiomyosarcoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_294

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_296

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Degeneration, Lipoid

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_298

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Stomach

Forestomach

Carcinoma, Nos

Unspecified

Forestomach

Squamous Cell Carcinoma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_300

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Pituitary gland

Stomach

Thyroid

Anterior Pituitary

Forestomach

Cortical Adenoma

Astrocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Adenoma, Nos

Squamous Cell Papilloma

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_302

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Lung		Atelectasis
		Granuloma, Nos
Lymph node		Plasmacytosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_304

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic
Uterus		Endometrial Stromal Polyp

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_306

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Hyperplasia, Focal

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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_308

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Diffuse
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Active Chronic
		Periarteritis
Spleen		Hemosiderosis
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_310

TRT#: 3

DOSE: 550.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Squamous Cell Carcinoma, Metastatic
Salivary gland		Atrophy, Focal
Stomach	Forestomach	Squamous Cell Carcinoma
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: 13:08:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_312

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 550.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
Uterus		Mucocele

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****