

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

C Number: C55276
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Ovary		Cyst, Nos
		Cyst, Parovarian
		Mixed Tumor, Benign
Pituitary gland		Cyst, Hemorrhagic
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Hyperplasia, Lymphoid
Unspecified	Adipose Tissue	Cytoplasmic Vacuolization
	Multiple Organs Nos	Hyperplasia, Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Ovary

Hardarian Gland

Tissue Not Examined

Tissue Examined

Atrophy, Senile

Hyperplasia, Epithelial

Hemorrhage

Pituitary gland

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Urinary bladder

Inflammation, Chronic Focal

Zymbal gland

Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Harderian gland
Ovary

Capsule

Hardarian Gland

Hyperplasia, Focal
Tissue Not Examined
Tissue Examined
Atrophy, Senile
Hyperplasia, Epithelial
Lymphoma, Nos-Malignant
Tissue Not Examined

Unspecified
Zymbal gland

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene

CAS Number: 71-43-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:15:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Carcinoma, Nos
	Harderian Gland	Tissue Examined
Heart	Cardiac Valve	Pigmentation, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Ovary		Tubular Adenoma
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule Medulla	Cortical Adenoma Hyperplasia, Focal Hyperplasia, Focal
Bone Clitoral gland	Femur	Fibrous Osteodystrophy Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Inflammation, Chronic Focal Tissue Examined
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Hyperplasia, Alveolar Epithelium
Ovary		Cyst, Nos Granulosa-Cell Tumor Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium Cervix Uteri	Hyperplasia, Cystic Inflammation, Acute Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Right Atrium Nos	Inflammation, Acute Focal
Liver		Cell-Size Alteration
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Carcinoma, Nos
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Unspecified	Thoracic Cavity Nos	Carcinoma, Nos, Metastatic
	Back	Fibrosarcoma
Zymbal gland		Carcinosarcoma
		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Hyperplasia, Epithelial
		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Inflammation, Chronic Focal
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus		Fibrosis, Multifocal
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Unspecified
Zymbal gland

Hardarian Gland
Multiple Organs Nos

Tissue Not Examined
Tissue Examined
Lymphoma, Lymphocytic-Malignant Type
Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hematopoiesis
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney		Infarct, Focal
Liver		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Pancreatic Lymph Node	Hemorrhage
	Pancreatic Lymph Node	Necrosis, Focal
Ovary		Mixed Tumor, Benign
Pancreas	Acinus	Atrophy, Diffuse
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Focal
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Heart		Mineralization
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney	Papilla	Necrosis, Focal
Liver		Necrosis, Coagulative
Lung		Squamous Cell Carcinoma, Metastatic
Mammary gland		Squamous Cell Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemoid Reaction
Uterus		Fibrosis, Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Atrophy, Diffuse
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Fibrosis, Diffuse
	Hardarian Gland	Tissue Examined
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Carcinoma, Nos
Ovary		Abscess, Nos
		Hemorrhage
Spleen		Depletion, Lymphoid
		Hematopoiesis
Stomach		Erosion
Unspecified	Abdomen	Inflammation, Acute Focal
	Abdomen	Lymphangiectasis
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland Hardarian Gland	Adenoma, Nos Inflammation, Chronic Focal Tissue Examined
Ovary		Mixed Tumor, Benign
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic Leiomyoma
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Brain	Cerebrum	Hemorrhage
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Myocardium Nos	Degeneration, Nos
	Cardiac Valve	Inflammation, Acute/Chronic
Kidney		Infarct, Focal
Liver		Congestion, Chronic Passive
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Acute/Chronic
	Pleura Nos	Inflammation, Chronic Focal
Mammary gland		Carcinoma, Nos
Ovary		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
Pancreas		Amyloidosis
Spleen	Red Pulp	Hematopoiesis
Thymus	Cortex	Depletion, Lymphoid
Unspecified	Abdominal Cavity	Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene

CAS Number: 71-43-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:15:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Carcinoma, Nos
	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Carcinoma
		Inflammation, Chronic Focal
Mammary gland		Carcinosarcoma
Ovary		Atrophy, Senile
		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
Unspecified	Mediastinum Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Squamous Cell Carcinoma
		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Not Examined
Liver	Hepatocytes	Necrosis, Focal
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrium	Cyst, Multiple
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene

CAS Number: 71-43-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:15:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hematopoiesis
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Hyperplasia, Focal
	Harderian Gland	Tissue Examined
Heart	Auricular Appendage Nos	Inflammation, Acute Focal
Liver		Congestion, Chronic Passive
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Depletion, Lymphoid
		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Heart		Mineralization
Liver	Hepatocytes	Necrosis, Focal
Lung		Hemorrhage
Ovary		Angiectasis
		Hyperplasia, Epithelial
Stomach	Fundus	Necrosis, Focal
Thyroid		Cyst, Nos
Unspecified	Abdomen	Fibrosis, Focal
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Carcinoma, Nos
	Hardarian Gland	Tissue Examined
Heart	Right Ventricle Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Membranous
Liver		Cell-Size Alteration
Lung		Hemorrhage
Mammary gland		Squamous Cell Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Mineralization
	Fundus	Necrosis, Focal
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Hyperplasia, Epithelial
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Nos
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus		Fibrosis, Multifocal
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Heart	Left Ventricle Nos	Fibrosis, Multifocal
Lung		Alveolar/Bronchiolar Adenoma Carcinosarcoma, Metastatic Hemorrhage
Mammary gland		Carcinosarcoma
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Pancreas		Necrosis, Focal
Unspecified	Mediastinum Nos Multiple Organs Nos	Inflammation, Chronic Focal Lymphoma, Nos-Malignant
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Esophagus		Dilatation, Nos
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Kidney		Glomerulonephritis, Membranous
Lung		Inflammation, Acute/Chronic
Lymph node	Thymic Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Depletion, Lymphoid
		Hematopoiesis
Stomach		Hyperkeratosis
Trachea		Inflammation, Acute Diffuse
	Gland	Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Mineralization
	Multiple Organs Nos	Squamous Cell Carcinoma, Uncertain Prim/Meta
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Tissue Examined
Lymph node	Mandibular Lymph Node	Hemorrhage
Ovary		Mixed Tumor, Benign
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
		Squamous Cell Papilloma
Thyroid		Hyperplasia, Focal
Unspecified	Ear	Hemangioma
	Multiple Organs Nos	Hyperplasia, Lymphoid
Zymbal gland		Hyperplasia, Focal
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Cell-Size Alteration Degeneration, Nos Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Cell-Size Alteration Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Carcinoma Histiocytosis
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile Cyst, Hemorrhagic Hyperplasia, Epithelial Mixed Tumor, Benign
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Inflammation, Chronic Focal
Uterus		Fibrosis, Multifocal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
Mammary gland		Carcinosarcoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Luteoma
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus		Angiectasis
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Squamous Cell Carcinoma
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Lymph node	Mandibular Lymph Node	Amyloidosis
Ovary		Atrophy, Senile
		Cyst, Parovarian
		Hyperplasia, Epithelial
Spleen		Amyloidosis
		Hematopoiesis
Unspecified	Multiple Organs Nos	Inflammation, Acute Focal
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Degeneration, Nos Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Heart		Mineralization
Intestine Large	Cecum, Colon	Parasitism
Kidney	Tubule	Atrophy, Focal Glomerulosclerosis, Nos
Liver	Hepatocytes Caudate Lobe	Cytoplasmic Vacuolization Infarct, Hemorrhagic Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile Granulosa-Cell Tumor
Spleen		Hyperplasia, Epithelial Hematopoiesis
Stomach	Fundal Gland Fundus	Dilatation, Nos Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Focal
	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Unspecified	Multiple Organs Nos	Leukemia, Nos
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Esophagus	Periesophageal Tissue	Inflammation, Acute Focal
Harderian gland	Harderian Gland	Tissue Examined
Thymus	Cortex	Depletion, Lymphoid
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Compression, Nos Hydrocephalus, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Carcinoma, Nos
	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Lung		Carcinoma, Nos, Metastatic Granulosa-Cell Carcinoma, Metastatic
Mammary gland		Carcinoma, Nos Hyperplasia, Cystic
Ovary		Granulosa-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Fundus	Hyperplasia, Diffuse
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Adenocarcinoma, Nos
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney	Tubule	Degeneration, Nos
	Tubule	Regeneration, Nos
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Myocardium Nos	Mineralization
Intestine Large	Colon	Parasitism
Liver	Hepatocytes	Necrosis, Coagulative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Clitoral gland

Capsule

Hyperplasia, Focal
Hyperplasia, Hematopoietic
Inflammation, Chronic Focal
Tissue Examined

Harderian gland

Hardarian Gland
Hardarian Gland

Inflammation, Chronic Focal
Tissue Examined

Liver

Lung

Lymph node

Mammary gland

Ovary

Mandibular Lymph Node

Inflammation, Chronic Focal
Hyperplasia, Alveolar Epithelium
Hyperplasia, Lymphoid
Carcinosarcoma
Cyst, Nos
Mixed Tumor, Benign
Lymphoma, Mixed-Malignant Type
Squamous Cell Carcinoma
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Diffuse
	Hardarian Gland	Tissue Examined
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Uncertain Prim/Meta
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Multifocal Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Multifocal
	Hardarian Gland	Tissue Examined
Kidney	Tubule	Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Carcinoma, Nos
Ovary		Granulosa-Cell Tumor
		Tubular Adenoma
Pancreas		Atrophy, Focal
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Granulosa-Cell Tumor
Salivary gland		Inflammation, Chronic Focal
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Carcinoma, Nos
Ovary		Angiectasis
		Papillary Cystadenoma, Nos
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Luteoma
		Tubular Adenoma
Salivary gland		Inflammation, Chronic Focal
Skeletal muscle	Abdominal Muscle	Inflammation, Chronic Focal
Stomach	Mucosa	Crystals, Nos
	Fundal Gland	Dilatation, Nos
	Cardiac Stomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Degeneration, Nos Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hyperplasia, Focal Tissue Examined
Liver		Hematopoiesis
Lung		Inflammation, Acute/Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile Cyst, Multiple
Spleen		Hyperplasia, Epithelial Hematopoiesis
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Zymbal gland		Inflammation, Chronic Focal Hyperplasia, Epithelial Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Hyperplasia, Focal
	Harderian Gland	Tissue Examined
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Mixed Tumor, Benign
Salivary gland		Inflammation, Chronic Focal
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Mediastinum Nos	Inflammation, Chronic Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney	Perirenal Tissue	Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
Spleen	Pleura Nos	Inflammation, Acute Focal
		Depletion, Lymphoid
		Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Acute Focal
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus		Angiectasis
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma
Ovary		Angiectasis Atrophy, Senile Hyperplasia, Epithelial
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Liver		Hematopoiesis
Ovary		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
		Mineralization
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Lung		Carcinoma, Nos, Uncertain Primary Or Metastatic
		Hemorrhage
		Necrosis, Focal
Ovary		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Carcinoma, Nos, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Gall bladder		Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Angiectasis
		Cyst, Multiple
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Degeneration, Nos Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney	Tubule	Pigmentation, Nos
Lung		Hemorrhage Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node Mesenteric Lymph Node Mandibular Lymph Node Mesenteric Lymph Node	Angiectasis Angiectasis Hematopoiesis Hematopoiesis
Ovary		Granulosa-Cell Tumor
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Inflammation, Interstitial
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Skeletal muscle	Abdominal Muscle	Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 100.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Not Examined
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
		Hemorrhage, Chronic
Ovary		Pneumonia, Aspiration
		Atrophy, Senile
	Follicle	Cyst, Multiple
		Hyperplasia, Epithelial
Peritoneum	Peritoneal Cavity Nos	Hemangiosarcoma
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Hemorrhage
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Inflammation, Chronic Focal Tissue Examined
Ovary		Atrophy, Senile Cyst, Nos Hyperplasia, Epithelial
Thyroid		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Cervix Uteri Endometrium	Cyst, Nos Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
Ovary		Atrophy, Senile
		Granulosa-Cell Tumor
Pancreas		Inflammation, Chronic Focal
Skin	Head	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland
Left Atrium Nos

Heart
Ovary
Pancreas
Pituitary gland
Spleen
Unspecified
Uterus
Zymbal gland

Multiple Organs Nos
Endometrium

Tissue Not Examined
Hyperplasia, Focal
Tissue Examined
Inflammation, Chronic Focal
Hyperplasia, Epithelial
Inflammation, Chronic Focal
Adenoma, Nos
Hematopoiesis
Lymphoma, Histiocytic-Malignant Type
Hyperplasia, Cystic
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Heart		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
		Inflammation, Acute/Chronic
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Uterus		Adenocarcinoma, Nos
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland

Liver
Lung
Ovary
Parathyroid gland
Zymbal gland

Tissue Not Examined
Inflammation, Chronic Focal
Tissue Examined
Hepatocellular Carcinoma
Hepatocellular Carcinoma, Metastatic
Atrophy, Senile
Cyst, Embryonal Duct
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Infarct, Focal
Liver		Hepatocellular Adenoma
Ovary		Atrophy, Senile Cyst, Multiple Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Stomach	Fundal Gland Fundus	Dilatation, Nos Inflammation, Acute Focal
Thyroid		Inflammation, Chronic Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy Hyperplasia, Epithelial
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined Lymphocytic Inflammatory Infiltrate
Kidney		Hepatocellular Adenoma
Liver		Cyst, Multiple Hyperplasia, Epithelial
Ovary		Hyperplasia, Focal Inflammation, Chronic Focal
Pituitary gland		Hyperplasia, Lymphoid
Salivary gland		Squamous Cell Papilloma
Spleen		Hyperplasia, Cystic
Stomach	Cardiac Stomach	Tissue Not Examined
Uterus	Endometrium	
Zymbal gland		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Ovary		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Inflammation, Acute Focal
Uterus		Pyometra
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Chronic Focal
		Tissue Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
Mammary gland		Hyperplasia, Cystic
		Inflammation, Chronic Focal
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Angiectasis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Periorbital Region	Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute/Chronic
	Endometrium	Inflammation, Chronic Focal
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Cyst, Hemorrhagic
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Stomach	Fundal Gland	Dilatation, Nos
	Fundus	Inflammation, Chronic Focal
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Hyperplasia, Epithelial Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Intestine Small	Peyers Patch	Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Spleen		Hyperplasia, Lymphoid
Unspecified	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Cytoplasmic Vacuolization
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Stomach	Fundal Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Cytoplasmic Vacuolization
		Hematopoiesis
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Spleen		Lymphoma, Nos-Malignant
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Inflammation, Chronic Focal
Uterus		Hemorrhage
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Hyperplasia, Focal
	Harderian Gland	Tissue Examined
Lymph node	Renal Lymph Node	Angiectasis
		Hemorrhage
Ovary		Atrophy, Senile
		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus		Fibrosis, Focal
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Mediastinum Nos	Inflammation, Acute/Chronic
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Fibrosis, Focal
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Skeletal muscle	Leg	Hemorrhage
	Leg	Inflammation, Acute/Chronic
Unspecified	Leg	Hemorrhage
	Leg	Inflammation, Acute/Chronic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Nos
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Liver		Cytoplasmic Vacuolization
		Hematopoiesis
		Hepatocellular Adenoma
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Cyst, Nos
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Pancreas		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Mammary gland		Hyperplasia, Cystic
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Luteoma
Pituitary gland		Adenoma, Nos
Thyroid	Follicle	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland
Multiple Organs Nos

Unspecified
Zymbal gland

Tissue Not Examined
Atrophy, Diffuse
Tissue Examined
Leukemia, Undifferentiated
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Spleen
Thymus
Zymbal gland

Hardarian Gland

Cortex

Tissue Not Examined
Tissue Examined
Depletion, Lymphoid
Necrosis, Diffuse
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Lung
Zymbal gland

Hardarian Gland

Tissue Not Examined
Tissue Examined
Edema, Nos
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Lung
Zymbal gland

Hardarian Gland

Tissue Not Examined
Tissue Examined
Hemorrhage
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Zymbal gland

Hardarian Gland

Tissue Not Examined
Tissue Examined
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Thymus
Zymbal gland

Hardarian Gland
Cortex

Tissue Not Examined
Tissue Examined
Necrosis, Diffuse
Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Mammary gland		Hyperplasia, Cystic
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Skin	Abdomen	Inflammation, Chronic Focal
Unspecified	Leg	Fibrosarcoma
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Brain	Lateral Ventricle Nos	Dilatation, Nos
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Not Examined
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Senile
Uterus	Endometrium	Hyperplasia, Cystic
		Lymphoma, Histiocytic-Malignant Type
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Kidney		Glomerulonephritis, Subacute
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hyperplasia, Focal Tissue Examined
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Kidney		Glomerulonephritis, Subacute
	Perirenal Tissue	Inflammation, Chronic Focal
Ovary		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Leg	Fibrosarcoma
Uterus	Endometrium	Hyperplasia, Cystic
	Parovarian	Inflammation, Chronic Focal
Zymbal gland		Dilatation, Nos
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Lymph node	Mesenteric Lymph Node	Angiectasis
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
		Lymphangiectasis
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Dilatation, Ducts
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Lung		Hemorrhage
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Uterus		Angiectasis
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Adenoma, Nos Tissue Examined
Kidney		Nephropathy
Liver		Cell-Size Alteration Hematopoiesis Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos Hyperplasia, Epithelial
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Hyperplasia, Epithelial Inflammation, Acute Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Inflammation, Chronic Focal Tissue Examined
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Mixed Tumor, Benign
Uterus	Endometrium	Lymphoma, Nos-Malignant
Zymbal gland		Hyperplasia, Cystic Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Cortex Nos	Focal Cellular Change Hyperplasia, Focal Inflammation, Chronic Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Hyperplasia, Epithelial Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Skin		Acanthosis Hyperkeratosis Inflammation, Chronic Diffuse Ulcer, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Fibrosis, Multifocal Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hemosiderosis
		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Abdominal Cavity	Inflammation, Granulomatous Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hematopoiesis
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Pancreas	Acinus	Atrophy, Diffuse
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Focal Cellular Change Hyperplasia, Focal Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Hyperkeratosis Hyperplasia, Epithelial Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Parathyroid gland		Lymphocytic Inflammatory Infiltrate
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Ovary		Hyperplasia, Epithelial
		Luteoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Inflammation, Acute/Chronic
	Harderian Gland	Tissue Examined
Kidney		Nephropathy
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Fundus	Inflammation, Chronic Focal
Thyroid	Follicle	Hyperplasia, Cystic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hemorrhage
		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Left Ventricle Nos	Inflammation, Chronic Focal
	Left Ventricle Nos	Thrombus, Mural
Liver		Necrosis, Coagulative
Mammary gland		Inflammation, Chronic Focal
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Depletion, Lymphoid
		Hematopoiesis
Unspecified	Abdomen	Fibrosarcoma
Uterus		Fibrosis, Multifocal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal Necrosis, Fibrinoid
Blood vessel		Fibrous Osteodystrophy
Bone	Femur	Mineralization
Brain	Thalamus	Hyperplasia, Epithelial Tissue Examined
Clitoral gland		Adenoma, Nos Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hepatocellular Adenoma Atrophy, Senile Hyperplasia, Epithelial
Liver		Inflammation, Granulomatous Focal
Ovary		Lymphoma, Nos-Malignant
Unspecified	Neck Multiple Organs Nos	Inflammation, Chronic Focal
Urinary bladder		Hyperplasia, Cystic
Uterus	Endometrium	Tissue Examined
Zymbal gland		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hemorrhage
		Hyperplasia, Epithelial
		Mineralization
Spleen		Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Inflammation, Chronic Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Mastocytosis
	Hardarian Gland	Tissue Examined
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Plasma Cell
	Pancreatic Lymph Node	Hyperplasia, Plasma Cell
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Unspecified	Abdomen	Fibrosarcoma
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 025.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
		Hepatocellular Adenoma
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Dilatation, Nos
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Mixed Tumor, Benign
Pancreas		Cyst, Nos
Skin	Face	Cyst, Dermal Inclusion
Unspecified	Multiple Organs Nos	Hyperplasia, Focal
	Multiple Organs Nos	Inflammation, Chronic Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Liver		Cell-Size Alteration
Lung		Alveolar/Bronchiolar Adenoma
		Carcinoma, Nos, Metastatic
		Hyperplasia, Alveolar Epithelium
Lymph node	Lumbar Lymph Node	Hyperplasia, Lymphoid
	Thymic Lymph Node	Hyperplasia, Lymphoid
	Lumbar Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Carcinoma, Nos
Ovary		Cyst, Multiple
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland
Hardarian Gland

Tissue Not Examined
Hyperplasia, Focal
Inflammation, Acute
Tissue Examined
Inflammation, Chronic Focal
Dilatation, Nos
Lymphoma, Nos-Malignant
Tissue Not Examined

Salivary gland
Stomach
Unspecified
Zymbal gland

Glandular Stomach
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Blood vessel	Artery Nos	Inflammation, Chronic Diffuse
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Focal
Ovary		Cyst, Multiple
		Mixed Tumor, Benign
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Bone Clitoral gland	Femur	Fibrous Osteodystrophy Hyperplasia, Epithelial Inflammation, Acute Diffuse Metaplasia, Squamous Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland Hardarian Gland	Hyperplasia, Focal Inflammation, Chronic Focal Tissue Examined
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma
Mammary gland Ovary		Carcinoma, Nos Cyst, Parovarian Mixed Tumor, Benign
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Cyst, Nos
		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
		Papillary Cystadenoma, Nos
Pituitary gland		Adenoma, Nos
Skin	Back	Keratoacanthoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hemosiderosis
		Hypoplasia, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Heart	Right Atrium Nos	Fibrosis, Multifocal
	Right Atrium Nos	Mineralization
Liver		Atrophy, Diffuse
		Degeneration, Lipoid
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Nos
		Mixed Tumor, Benign
Salivary gland		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Hyperplasia, Focal
	Harderian Gland	Inflammation, Chronic Focal
	Harderian Gland	Tissue Examined
Heart	Left Ventricle Nos	Inflammation, Chronic Focal
Liver		Hematopoiesis
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Islet-Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Luteoma
Pancreas	Islets	Islet-Cell Carcinoma
Salivary gland		Inflammation, Chronic Focal
Skin	Eyelid Nos	Squamous Cell Papilloma
Spleen		Lymphoma, Nos-Malignant
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cell-Size Alteration
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
		Necrosis, Coagulative
Lung		Hemorrhage
		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Unspecified	Abdomen	Fibrosarcoma
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla Capsule	Fibrosis, Multifocal Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Hyperplasia, Epithelial Tissue Examined
Eye	Cornea Cornea	Inflammation, Acute Focal Ulcer, Nos
Harderian gland	Hardarian Gland Hardarian Gland	Adenoma, Nos Tissue Examined
Liver		Hematopoiesis Hepatocellular Carcinoma
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Spleen		Hematopoiesis
Thyroid		Foreign Body, Nos
Unspecified	Multiple Organs Nos Multiple Organs Nos	Inflammation, Chronic Focal Lymphoma, Lymphocytic-Malignant Type
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hemosiderosis
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Cyst, Multiple
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus		Hemorrhage
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Chronic Diffuse
		Tissue Examined
Harderian gland	Harderian Gland	Inflammation, Chronic Focal
	Harderian Gland	Tissue Examined
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Ovary		Tubular Adenoma
Pancreas	Islets	Hyperplasia, Focal
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Intestine Small	Jejunum	Adenocarcinoma, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Ovary		Mixed Tumor, Benign
Salivary gland		Inflammation, Chronic Focal
Spleen		Hemangiosarcoma
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Senile
		Cyst, Multiple
		Mineralization
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Adenocarcinoma Nos Uncertain Primary/Metastatic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Capsule	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Inflammation, Chronic Focal
Lung		Congestion, Acute Passive
Ovary		Atrophy, Senile
		Cyst, Nos
		Hemorrhage
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland Hardarian Gland	Hyperplasia, Focal Inflammation, Multifocal Tissue Examined
Kidney		Hyperplasia, Lymphoid
Liver		Hematopoiesis Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Luteoma Tubular Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Chronic Focal
		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Infarct, Focal
Liver		Inflammation, Chronic Focal
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Mixed Tumor, Benign
Unspecified	Multiple Organs Nos	Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Small	Mesentery Nos	Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Ovary		Atrophy, Senile
		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Diffuse
		Dilatation, Ducts
	Duct Nos	Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hyperplasia, Focal Tissue Examined
Intestine Large	Colon	Inflammation, Chronic Focal
Liver		Hematopoiesis Hepatocellular Carcinoma
Lung	Pleura Nos	Hyperplasia, Alveolar Epithelium Inflammation, Chronic Focal
Ovary		Mixed Tumor, Benign
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Focal Inflammation, Multifocal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Focal
	Hardarian Gland	Tissue Examined
Liver		Angiectasis
		Cell-Size Alteration
Lung		Hemorrhage
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Thorax	Fibrosarcoma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 050.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Hyperplasia, Focal
	Harderian Gland	Tissue Examined
Kidney		Tubular-Cell Adenocarcinoma
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Mammary gland		Inflammation, Chronic Diffuse
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
		Luteoma
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Unspecified	Thorax	Fibrosarcoma
Uterus		Adenocarcinoma, Nos
	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute/Chronic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Cyst, Nos Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hyperplasia, Focal Tissue Examined
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile Hyperplasia, Epithelial Mixed Tumor, Benign
Pancreas	Acinus	Atrophy, Diffuse
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Inflammation, Chronic Focal
		Atrophy, Senile
		Hyperplasia, Epithelial
		Mixed Tumor, Benign
Pituitary gland		Hyperplasia, Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Diffuse
		Dilatation, Ducts
	Duct Nos	Retention Of Content
Thyroid		Follicular-Cell Adenoma
Unspecified	Mediastinum Nos	Hemorrhage
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Metaplasia, Squamous
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Inflammation, Acute Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Epicardium	Inflammation, Acute/Chronic
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Unspecified	Mediastinum Nos	Carcinoma, Nos, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Blood vessel	Vein Nos	Thrombosis, Nos
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Carcinoma Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Angiectasis
	Pancreatic Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Pancreatic Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Mammary gland		Carcinosarcoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Nos
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Diffuse
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene

CAS Number: 71-43-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:15:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 050.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Vein Nos	Thrombosis, Nos
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Large	Cecum, Colon	Hyperplasia, Diffuse
	Colon	Hyperplasia, Diffuse
	Colon	Necrosis, Focal
Intestine Small	Peyers Patch	Necrosis, Coagulative
Kidney	Tubule	Cyst, Nos
Liver		Cell-Size Alteration
		Focal Cellular Change
Lung		Hemorrhage
Mammary gland		Carcinoma, Nos
Ovary		Atrophy, Senile
		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
		Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Skeletal muscle	Abdominal Muscle	Inflammation, Chronic Focal
Stomach	Fundal Gland	Dilatation, Nos
	Cardiac Stomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Cyst, Nos
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla Capsule	Cyst, Nos Hyperplasia, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland Hardarian Gland	Hyperplasia, Focal Tissue Examined
Ovary		Granulosa-Cell Tumor
Unspecified	Mediastinum Nos	Hemorrhage
	Multiple Organs Nos	Leukemia, Nos
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Senile
		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Focal
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Hematopoiesis
		Lymphoma, Undifferentiated-Malignant Type
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
	Skull	Osteosarcoma
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Osteosarcoma, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Inflammation, Chronic Focal
	Harderian Gland	Tissue Examined
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile
		Granulosa-Cell Tumor
		Hyperplasia, Epithelial
		Mixed Tumor, Benign
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Hyperplasia, Focal
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Carcinoma
Ovary		Atrophy, Senile
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hypoplasia, Nos
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Inflammation, Chronic Focal Tissue Examined
Lung		Emphysema, Nos
Ovary		Angiectasis
Stomach	Cardiac Stomach	Atrophy, Senile Hyperkeratosis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos Multiple Organs Nos	Hyperplasia, Epithelial Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Angiectasis Cyst, Multiple Papillary Cystadenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic Hyperkeratosis Hyperplasia, Diffuse
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Tissue Examined
Lymph node	Thymic Lymph Node	Cyst, Nos
Ovary		Atrophy, Senile
		Cyst, Nos
		Mixed Tumor, Benign
Pituitary gland		Hyperplasia, Focal
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Adipose Tissue	Inflammation, Chronic Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Squamous Cell Carcinoma
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Blood vessel	Uterine Artery	Congenital Malformation, Nos
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Adenoma, Nos
	Harderian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Ovary		Tubular Adenoma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain		Atrophy, Pressure
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
	Abdomen	Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Necrosis, Focal
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Heart		Mineralization
Liver		Necrosis, Coagulative
Ovary		Granulosa-Cell Tumor
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
	Fundus	Necrosis, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Harderian gland

Capsule

Hardarian Gland
Hardarian Gland
Multiple Organs Nos

Unspecified
Zymbal gland

Hyperplasia, Focal
Tissue Not Examined
Adenoma, Nos
Tissue Examined
Lymphoma, Histiocytic-Malignant Type
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Ovary		Angiectasis
		Atrophy, Senile
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 050.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Cyst, Multiple
		Mixed Tumor, Benign
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_001

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Heart	Epicardium	Inflammation, Acute/Chronic
	Mitral Valve Nos	Pigmentation, Nos
	Tricuspid Valve Nos	Pigmentation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_002

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_003

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Pancreas
Unspecified
Uterus
Zymbal gland

Hardarian Gland
Islets
Multiple Organs Nos
Endometrium

Tissue Examined
Tissue Examined
Hyperplasia, Focal
Inflammation, Chronic Focal
Hyperplasia, Cystic
Parakeratosis
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_004

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Acute Diffuse
		Tissue Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_005

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Inflammation, Chronic Focal
Lung		Hemorrhage
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Senile
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_006

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Periadrenal Tissue	Inflammation, Chronic Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Pigmentation, Nos
	Hardarian Gland	Tissue Examined
Lung	Bronchus	Foreign Material, Nos
Lymph node	Mandibular Lymph Node	Hemorrhage
Ovary		Cyst, Nos
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_007

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma, Malignant
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Liver		Necrosis, Focal
Lung		Congestion, Acute Passive
Ovary		Atrophy, Senile
Pancreas		Inflammation, Chronic Focal
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_008

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Multifocal
	Hardarian Gland	Tissue Examined
Lung		Lymphocytic Inflammatory Infiltrate
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_009

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Lymph node	Mesenteric Lymph Node	Hemangiosarcoma, Metastatic
	Pancreatic Lymph Node	Hemangiosarcoma, Metastatic
	Renal Lymph Node	Hematopoiesis
Ovary		Atrophy, Senile
Unspecified	Leg	Hemangiosarcoma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_010

TRT#: 4
DOSE: 0

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Periadrenal Tissue	Hematopoiesis
Blood vessel	Aorta Nos	Inflammation, Chronic Focal
Clitoral gland		Thrombosis, Nos
Harderian gland	Hardarian Gland	Tissue Not Examined
	Hardarian Gland	Inflammation, Chronic Focal
Heart	Myocardium Nos	Tissue Examined
Kidney	Tubule	Degeneration, Nos
	Tubule	Degeneration, Nos
Lung		Regeneration, Nos
Unspecified	Abdominal Cavity	Hemorrhage
	Mediastinum Nos	Foreign Material, Nos
	Multiple Organs Nos	Foreign Material, Nos
Zymbal gland		Inflammation, Acute/Chronic
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_011

TRT#: 4
DOSE: 0

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Epicardium	Inflammation, Acute Diffuse
Lung		Inflammation, Acute Diffuse
Unspecified	Mediastinum Nos	Inflammation, Acute Diffuse
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_012

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Unspecified
Zymbal gland

Hardarian Gland
Multiple Organs Nos

Tissue Not Examined
Tissue Examined
Lymphoma, Nos-Malignant
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_013

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Harderian gland	Hardarian Gland Hardarian Gland	Inflammation, Chronic Focal Tissue Examined
Pituitary gland		Hyperplasia, Focal
Salivary gland		Inflammation, Multifocal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_014

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Matrix Alteration
Bone	Femur	Fibrosarcoma, Metastatic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Tissue Examined
Lymph node	Renal Lymph Node	Fibrosarcoma, Metastatic
Mammary gland		Hyperplasia, Cystic
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Salivary gland		Inflammation, Chronic Focal
Thyroid		Cyst, Nos
Unspecified	Leg	Fibrosarcoma
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_015

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Clitoral gland		Inflammation, Chronic Focal Tissue Examined
Eye	Crystalline Lens Cornea Cornea	Displacement, Nos Inflammation, Chronic Diffuse Pigmentation, Nos
Harderian gland	Hardarian Gland Hardarian Gland	Adenoma, Nos Tissue Examined
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hemorrhage
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_016

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Inflammation, Acute/Chronic Tissue Examined
Harderian gland	Harderian Gland	Tissue Examined
Intestine Large	Colon	Parasitism
Ovary		Granulosa-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_017

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Clitoral gland
Harderian gland

Femur
Hardarian Gland
Hardarian Gland
Hardarian Gland

Kidney
Lymph node
Ovary
Pituitary gland
Salivary gland
Thymus
Uterus
Zymbal gland

Mandibular Lymph Node

Endometrium

Fibrous Osteodystrophy
Tissue Examined
Hyperplasia, Focal
Inflammation, Chronic Focal
Tissue Examined
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Lymphoid
Cyst, Hemorrhagic
Hyperplasia, Focal
Inflammation, Chronic Focal
Hyperplasia, Lymphoid
Hyperplasia, Cystic
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_018

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Ovary		Cyst, Parovarian
Pituitary gland		Adenoma, Nos
Unspecified	Mediastinum Nos	Foreign Material, Nos
	Mediastinum Nos	Hemorrhage
	Multiple Organs Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Hemorrhage
	Endometrium	Hyperplasia, Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_019

TRT#: 4
DOSE: 0

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Thrombosis, Nos
Clitoral gland		Tissue Not Examined
Esophagus	Periesophageal Tissue	Inflammation, Acute/Chronic
Harderian gland	Hardarian Gland	Tissue Examined
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Lung		Hemorrhage
Lymph node	Bronchial Lymph Node	Hemorrhage
Spleen	Red Pulp	Hematopoiesis
Unspecified	Mediastinum Nos	Foreign Body, Nos
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_020

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Lung
Pancreas
Zymbal gland

Hardarian Gland

Tissue Not Examined
Tissue Not Examined
Hemosiderosis
Cystic Ducts
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_021

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Carcinoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_022

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Tissue Examined
Lung		Pneumonia, Aspiration
Ovary		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_023

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Astrocytoma
		Hemorrhage
Clitoral gland		Tissue Not Examined
Gall bladder		Hemorrhage
Harderian gland	Harderian Gland	Tissue Examined
Pancreas	Acinus	Atrophy, Diffuse
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_024

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Hyperplasia, Diffuse
	Harderian Gland	Tissue Examined
Liver		Cell-Size Alteration
		Necrosis, Focal
Ovary		Cyst, Hemorrhagic
		Hyperplasia, Epithelial
Pancreas	Peripancreatic Tissue	Necrosis, Fat
Skeletal muscle	Back	Sarcoma, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_025

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland

Ovary
Unspecified
Uterus

Multiple Organs Nos
Endometrium

Tissue Not Examined
Inflammation, Chronic Focal
Tissue Examined
Hemorrhage
Lymphoma, Nos-Malignant
Hyperplasia, Focal
Inflammation, Acute Focal
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_026

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Inflammation, Granulomatous Focal
Ovary		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Skin	Head	Sebaceous Adenoma
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_027

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland

Hardarian Gland
Hardarian Gland

Lung

Tissue Not Examined
Inflammation, Chronic Focal
Tissue Examined
Hemorrhage
Osteosarcoma, Metastatic

Spleen
Unspecified
Uterus
Zymbal gland

Red Pulp
Leg

Hematopoiesis
Osteosarcoma
Pyometra
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_028

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Matrix Alteration Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland Hardarian Gland Hardarian Gland	Adenoma, Nos Inflammation, Chronic Focal Tissue Examined
Ovary		Atrophy, Senile Cyst, Hemorrhagic Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Salivary gland		Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Angiectasis
Uterus	Endometrium Cervix Uteri	Hyperplasia, Cystic Inflammation, Acute Focal Inflammation, Chronic Focal
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_029

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Ovary		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_030

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic Tissue Examined
Harderian gland	Harderian Gland	Tissue Examined
Lung		Hemorrhage
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile Hyperplasia, Epithelial
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal
Stomach		Inflammation, Focal
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_031

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone
Clitoral gland

Medulla
Femur

Hyperplasia, Focal
Fibrous Osteodystrophy
Inflammation, Acute Focal
Tissue Examined

Harderian gland
Lung
Pituitary gland
Spleen
Thymus
Thyroid
Unspecified
Uterus
Zymbal gland

Hardarian Gland
Bronchus

Tissue Examined
Foreign Material, Nos
Adenoma, Nos
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid
Follicular-Cell Adenoma
Inflammation, Chronic Focal
Hyperplasia, Cystic
Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_032

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma, Malignant
Brain		Congestion, Nos
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver	Centrilobular	Necrosis, Focal
Lung		Congestion, Nos
		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Stomach		Inflammation, Acute Focal
	Cardiac Stomach	Squamous Cell Papilloma
Uterus		Dilatation, Nos
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_033

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Gall bladder		Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Tissue Examined
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Hyperplasia, Epithelial
		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_034

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
	Femur	Hematopoiesis
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Lung		Hemorrhage
Ovary		Atrophy, Senile
		Cyst, Hemorrhagic
Pancreas	Acinus	Atrophy, Focal
		Inflammation, Chronic Focal
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_035

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
		Cyst, Parovarian
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Uterus	Endometrium	Hemorrhage
	Endometrium	Hyperplasia, Focal
		Inflammation, Acute Diffuse
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Ovary		Cyst, Hemorrhagic
Pancreas		Inflammation, Multifocal
Pituitary gland		Adenoma, Nos
Salivary gland		Inflammation, Multifocal
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Mediastinum Nos	Hemorrhage
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Inflammation, Chronic Focal
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_037

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Ovary		Atrophy, Senile Cyst, Nos Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_038

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Harderian Gland	Tissue Examined
Kidney	Medulla	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach		Inflammation, Chronic Focal
Unspecified	Mediastinum Nos	Hemorrhage
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_039

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Medulla

Cortical Adenoma

Hyperplasia, Focal

Hyperplasia, Focal

Bone

Femur

Fibrous Osteodystrophy

Clitoral gland

Tissue Not Examined

Harderian gland

Hardarian Gland

Tissue Examined

Thyroid

Follicular-Cell Adenoma

Unspecified

Multiple Organs Nos

Inflammation, Chronic Focal

Uterus

Inflammation, Acute/Chronic

Zymbal gland

Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_040

TRT#: 4
DOSE: 0

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Capsule	Inflammation, Acute Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Not Examined
Eye		Melanoma, Malignant
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Necrosis, Focal
Lung		Pneumonia, Aspiration
Lymph node	Thymic Lymph Node	Histiocytosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
		Hyperplasia, Focal
Stomach		Inflammation, Chronic Focal
Unspecified	Mediastinum Nos	Foreign Material, Nos
	Mediastinum Nos	Inflammation, Chronic Focal
Uterus		Deposit, Nos
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_041

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Alveolar/Bronchiolar Adenoma
	Pleura Nos	Inflammation, Chronic Focal
		Lymphocytic Inflammatory Infiltrate
Ovary		Atrophy, Senile
		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Skeletal muscle	Abdominal Muscle	Fibrosis
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_042

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Focal Cellular Change
		Hemorrhage
Ovary		Atrophy, Senile
		Cyst, Nos
Pituitary gland		Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
Stomach		Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_043

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Lung		Hemorrhage
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_044

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Harderian Gland	Inflammation, Chronic Focal
	Harderian Gland	Tissue Examined
Lung	Pleura Nos	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Uterus		Fibrosis, Focal
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_045

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile
		Cyst, Hemorrhagic
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute/Chronic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_046

TRT#: 4
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Not Examined
Gall bladder		Inflammation, Chronic Focal
Harderian gland	Harderian Gland	Tissue Examined
Intestine Small	Mesentery Nos	Inflammation, Active Chronic
Kidney	Perirenal Tissue	Inflammation, Acute Focal
Liver		Cytologic Alteration, Nos
		Hematopoiesis
Lung	Alveoli	Hemorrhage
Lymph node	Thymic Lymph Node	Hematopoiesis
Pancreas		Inflammation, Acute Focal
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
Stomach	Submucosa	Edema, Nos
		Inflammation, Chronic Focal
Thymus	Cortex	Depletion, Lymphoid
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Abdominal Cavity	Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute/Chronic
	Endometrium	Inflammation, Necrotizing
Zymbal gland		Tissue Not Examined

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_047

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Clitoral gland		Tissue Examined
Harderian gland	Hardarian Gland	Atrophy, Focal
	Hardarian Gland	Hyperplasia, Focal
	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Ovary		Atrophy, Senile
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic
	Endometrium	Metaplasia, Squamous
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_048

TRT#: 4
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Tissue Not Examined
Harderian gland	Hardarian Gland	Tissue Examined
Liver		Hepatocellular Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_049

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Tissue Not Examined
Gall bladder		Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Inflammation, Chronic Focal
	Hardarian Gland	Tissue Examined
Liver		Hematopoiesis
Ovary		Cyst, Nos
		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Salivary gland		Inflammation, Multifocal
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Metaplasia, Squamous
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_050

TRT#: 4
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Inflammation, Chronic Diffuse
		Tissue Examined
Harderian gland	Hardarian Gland	Tissue Examined
Kidney		Nephropathy
Ovary		Hyperplasia, Epithelial
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus		Endometrial Stromal Polyp
	Endometrium	Hemorrhage
	Endometrium	Hyperplasia, Cystic
Zymbal gland		Tissue Examined

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_051

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Ovary		Atrophy, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_052

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Nos
		Cyst, Parovarian
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_053

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Focal

Kidney

Tubule

Degeneration, Nos

Ovary

Hyperplasia, Lymphoid

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_054

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Ovary

Mesenteric Lymph Node

Hyperplasia, Lymphoid
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_055

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_056

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Atrophy, Nos
Thymus		Depletion, Lymphoid
Thyroid		Fibrosis, Multifocal
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_057

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Ovary
Spleen

Capsule

Hyperplasia, Focal
Inflammation, Interstitial
Atrophy, Nos
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_058

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Ovary

Capsule

Hyperplasia, Focal
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_059

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule
Tubule

Hyperplasia, Focal
Degeneration, Nos
Hyperplasia, Lymphoid

Lymph node
Ovary
Uterus

Mandibular Lymph Node

Histiocytosis
Atrophy, Nos
Hyperplasia, Cystic

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_060

TRT#: 5
DOSE: 100.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Degeneration, Nos
		Hyperplasia, Lymphoid
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Atrophy, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Mucosa	Cyst, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_051

TRT#: 6

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule

Hyperplasia, Focal
Hyperplasia, Lymphoid
Inflammation, Interstitial
Inflammation, Acute/Chronic
Atrophy, Nos

Liver
Ovary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_052

TRT#: 6
DOSE: 025.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Hyperplasia, Lymphoid
Inflammation, Interstitial

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_053

TRT#: 6

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland

Capsule
Hardarian Gland
Hardarian Gland

Kidney

Hyperplasia, Focal
Inflammation, Acute Focal
Necrosis, Focal
Hyperplasia, Lymphoid
Inflammation, Interstitial

Ovary
Salivary gland
Uterus

Endometrial Gland

Atrophy, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_054

TRT#: 6
DOSE: 025.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Hyperplasia, Lymphoid
Ovary		Atrophy, Nos
Pancreas	Islets	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_055

TRT#: 6

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Focal

Liver

Inflammation, Acute/Chronic

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_056

TRT#: 6
DOSE: 025.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Ovary

Capsule

Hyperplasia, Focal
Inflammation, Interstitial
Atrophy, Nos
Cyst, Follicular Nos

Spleen
Uterus

Endometrial Gland

Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_057

TRT#: 6

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule

Hyperplasia, Focal
Hyperplasia, Lymphoid
Inflammation, Interstitial

Ovary
Uterus

Endometrial Gland

Atrophy, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_058

TRT#: 6

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Ovary
Unspecified
Uterus

Capsule

Multiple Organs Nos
Endometrial Gland

Hyperplasia, Focal
Inflammation, Interstitial
Inflammation, Acute/Chronic
Atrophy, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_059

TRT#: 6
DOSE: 025.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Spleen
Uterus

Capsule

Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_060

TRT#: 6
DOSE: 025.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Ovary

Capsule
Tubule

Hyperplasia, Focal
Degeneration, Nos
Hematopoiesis
Atrophy, Nos
Cyst, Follicular Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_051

TRT#: 7

SEX: Female

DAY ON TEST:

DOSE: 050.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland

Capsule
Harderian Gland
Harderian Gland

Ovary

Hyperplasia, Focal
Adenoma, Nos
Hyperplasia, Epithelial
Atrophy, Nos

Spleen
Uterus

Endometrial Gland

Cyst, Follicular Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_052

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Spleen
Uterus

Capsule

Endometrial Gland

Hyperplasia, Focal
Inflammation, Acute/Chronic
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_053

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Ovary
Uterus

Capsule
Bronchiole
Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Lymphoid
Atrophy, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_054

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Ovary
Uterus

Capsule
Tubule
Endometrial Gland

Hyperplasia, Focal
Degeneration, Nos
Atrophy, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_055

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Inflammation, Granulomatous Focal
Ovary		Atrophy, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_056

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Degeneration, Nos
Ovary		Atrophy, Nos
Stomach	Mucosa	Cyst, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic
Zymbal gland		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_057

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Ovary

Capsule

Hyperplasia, Focal
Atrophy, Nos
Cyst, Follicular Nos
Hyperplasia, Cystic

Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_058

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Teratoma, Metastatic
Lymph node		Teratoma, Metastatic
Ovary		Teratoma, Malignant
Unspecified	Mediastinum Nos	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_059

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Fibrosis, Myelo
Kidney		Hyperplasia, Lymphoid
Lung	Bronchiole	Hyperplasia, Lymphoid
Ovary		Atrophy, Nos
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_060

TRT#: 7
DOSE: 050.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule
Tubule

Hyperplasia, Focal
Degeneration, Nos
Hyperplasia, Lymphoid
Atrophy, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

Ovary
Salivary gland
Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_051

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Hyperplasia, Lymphoid
Liver		Inflammation, Acute/Chronic
Lung		Inflammation, Interstitial
Stomach	Mucosa	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_052

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye
Liver
Lung
Pituitary gland
Uterus

Capsule
Crystalline Lens

Anterior Pituitary
Endometrial Gland

Hyperplasia, Focal
Cytoplasmic Vacuolization
Inflammation, Acute/Chronic
Alveolar Macrophages
Congestion, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_053

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Uterus

Capsule
Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_054

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Uterus

Capsule
Endometrial Gland

Hyperplasia, Focal
Inflammation, Interstitial
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_055

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Uterus

Capsule
Endometrial Gland

Hyperplasia, Focal
Inflammation, Interstitial
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_056

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Ovary
Uterus

Capsule

Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Lymphoid
Cyst, Follicular Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_057

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Uterus

Capsule

Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Lymphoid
Inflammation, Acute/Chronic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_058

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland
Uterus

Capsule
Hardarian Gland
Endometrial Gland

Hyperplasia, Focal
Hyperplasia, Epithelial
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_059

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule
Tubule

Thymus
Uterus

Endometrial Gland

Hyperplasia, Focal
Degeneration, Nos
Hyperplasia, Lymphoid
Cyst, Embryonal Duct
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55276
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzene
CAS Number: 71-43-2

Date Report Requested: 10/26/2014
Time Report Requested: 10:15:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_060

TRT#: 8
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule
Tubule

Hyperplasia, Focal
Degeneration, Nos
Hyperplasia, Lymphoid
Pigmentation, Nos
Hyperplasia, Cystic

Ovary
Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****