

**Experiment Number:** 20011-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane  
**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 16:59:21  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C20011
<b>Lock Date:</b>	06/13/2003
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49181
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal

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Note: NECROSIS, GRADE 1 LEVEL 3)

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49183
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ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49184
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 49185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | Peritoneum                | * Pituitary Gland           | Pleura                   |
| * Preputial Gland          | * Prostate                | * Salivary Glands           | * Seminal Vesicle        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

MISSING

- |                         |                          |                           |
|-------------------------|--------------------------|---------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
|-------------------------|--------------------------|---------------------------|

OBSERVATIONS

- |   |          |                            |                     |
|---|----------|----------------------------|---------------------|
| * Liver                                   |          | Hepatodiaphragmatic Nodule |                     |
| [ Hepatodiaphragmatic Nodule TGLS = 1-6 ] |          |                            |                     |
| * Lung                                    | Alveolus | Infiltration Cellular      | Histiocyte, Minimal |

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49186
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49187
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Prostate	Inflammation	Suppurative, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 49188
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Parathyroid Gland       | Peritoneum                  | * Pituitary Gland        |
| Pleura                     | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- |         |   |                            |         |
|---------|---|----------------------------|---------|
| * Liver |   | Hepatodiaphragmatic Nodule | Minimal |
|         | [ Hepatodiaphragmatic Nodule TGLS = 1-6 ] |                            |         |
| * Nose  | Olfactory Epi                             | Degeneration               | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49281

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Larynx  
Prostate

Liver  
Trachea

Lung

Nose

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49282

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Prostate

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49283

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Nose

Prostate

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**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49284

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Stomach, Glandular

Liver  
Trachea

Lung

Prostate

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49285

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Lung

Prostate

Trachea

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-14 ]

Nose

Olfactory Epi

Degeneration

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49286

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Prostate

Liver  
Trachea

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49287

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Prostate

Liver  
Trachea

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 208

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49288

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Prostate

Liver  
Trachea

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49289

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Prostate

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49290

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Nose

Prostate

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 401

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49261

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Lung

Nose

Prostate

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 402

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49262

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Lung

Nose

Prostate

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 403

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49263

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Nose

Prostate

---

**OBSERVATIONS**

Lung  
Nose

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Note: OLFACTORY EPITHELIUM INVOLVING THE DORSAL MEATUS IN LEVEL II IS INSUFFICIENT.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 404

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49264

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Nose

Prostate

---

**OBSERVATIONS**

Lung  
Spleen

Alveolus  
Capsule

Infiltration Cellular  
Fibrosis

Histiocyte, Minimal  
Minimal

---

[ Fibrosis TGLS = 1-14 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 405

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49265

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Lung

Prostate

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

---

ANIMAL ID: 406

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 49266

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Nose

Prostate

---

**OBSERVATIONS**

Epididymis  
Lung  
Testes

Alveolus  
Seminif Tub

Exfoliated Germ Cell  
Infiltration Cellular  
Degeneration

Moderate  
Histiocyte, Mild  
Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 407

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49267

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Lung

Prostate

Trachea

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-6 ]

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49268

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Lung

Prostate

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 409

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49269

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Nose

Prostate

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 410

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49270

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Prostate

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 601

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49241

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Lung

Nose

Prostate

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 602

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Nose

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Prostate

Inflammation

Suppurative, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 603

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Liver

Nose

Prostate

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 604

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49244

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Lung

Nose

Prostate

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 605

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49245

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Prostate

\* Liver  
Trachea

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 606

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49246

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Lung

Prostate

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 607

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49247

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Lung

Nose

Prostate

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-6 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 608

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49248

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Prostate

Trachea

---

**OBSERVATIONS**

Lung

Hemorrhage

Minimal

[ Hemorrhage TGLS = 1-4+5 ]

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 609

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Prostate

\* Liver  
Trachea

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 610

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49250

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Lung

Nose

Prostate

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 801

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49221

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Lung

Nose

\* Prostate

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 802

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 49222

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Lacrimal Gland  
Trachea

Larynx

\* Lung

\* Prostate

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Mild

Lymph Node

Pancreatic

Hyperplasia

Lymphoid, Mild

Pancreatic

Pigmentation

Mild

[ Hyperplasia TGLS = 1-6 ]

Nose

Olfactory Epi

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 49223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Larynx

Trachea

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Moderate

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Moderate

\* Prostate

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 804

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 49224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Larynx

Nose

\* Prostate

Trachea

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

Vacuolization Cytoplasmic

Mild

[ Hepatodiaphragmatic Nodule TGLS = 1-14 ]

\* Lung

Hemorrhage

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

[ Hemorrhage TGLS = 2-4+5 ]

Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 805

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49225

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Prostate

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Mild

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 806

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 49226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Heart  
Trachea

Larynx

Nose

\* Prostate

**OBSERVATIONS**

Kidney

Renal Tubule

Dilatation  
Inflammation

Marked  
Chronic, Marked

[ Dilatation TGLS = 1-7 ]

\* Liver

Vacuolization Cytoplasmic

Mild

\* Lung

Hemorrhage

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 49227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Larynx

\* Prostate

Trachea

**OBSERVATIONS**

Epididymis

Exfoliated Germ Cell

Marked

Hypospermia

Marked

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Mild

Testes

Seminif Tub

Degeneration

Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 808

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49228

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Nose

\* Prostate

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Mild

\* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 809

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49229

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Prostate

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Moderate

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 810

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49230

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Lung

Nose

\* Prostate

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | Peritoneum                | * Pituitary Gland           | Pleura                   |
| * Preputial Gland          | * Salivary Glands         | * Seminal Vesicle           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

MISSING

- |                         |                          |                           |
|-------------------------|--------------------------|---------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
|-------------------------|--------------------------|---------------------------|

OBSERVATIONS

- |   |          |                           |                      |
|---|----------|---------------------------|----------------------|
| * Liver   |          | Vacuolization Cytoplasmic | Moderate             |
| * Lung  | Alveolus | Infiltration Cellular     | Histiocyte, Mild     |
| Note: perivascular and peribronchiolar mononuclear cell infiltrates; scattered macrophages in alveoli |          |                           |                      |
| * Prostate  |          | Inflammation              | Suppurative, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Epididymis		Exfoliated Germ Cell	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
Note: No corresponding lesion for TGL 1. rar			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Epididymis		Exfoliated Germ Cell	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                 | * Lymph Node, Mediastinal  |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Pancreas                 |
| * Parathyroid Gland       | Peritoneum                  | * Pituitary Gland        | Pleura                     |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testes                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- |              |          |                           |                     |
|--------------|----------|---------------------------|---------------------|
| * Epididymis |          | Exfoliated Germ Cell      | Minimal             |
| * Liver      |          | Vacuolization Cytoplasmic | Moderate            |
| * Lung       | Alveolus | Infiltration Cellular     | Histiocyte, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Epididymis		Exfoliated Germ Cell	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Suppurative, Minimal

Note: focal suppurative infiltrate in glands and epithelium lining dorsal meatus in xs1.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Epididymis		Exfoliated Germ Cell	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-9 ]			
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Epididymis		Exfoliated Germ Cell	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Epididymis	Exfoliated Germ Cell	Minimal
* Liver	Vacuolization Cytoplasmic	Moderate
* Prostate	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                 | * Lymph Node, Mediastinal  |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               | Peritoneum                 |
| * Pituitary Gland         | Pleura                      | * Preputial Gland        | * Prostate                 |
| * Salivary Glands         | * Seminal Vesicle           | * Skin                   | * Spleen                   |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 | * Thymus                   |
| * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |                            |

MISSING

- |                         |                          |                     |
|-------------------------|--------------------------|---------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Parathyroid Gland |
|-------------------------|--------------------------|---------------------|

OBSERVATIONS

- |              |               |                           |                     |
|--------------|---------------|---------------------------|---------------------|
| * Epididymis |               | Exfoliated Germ Cell      | Minimal             |
| * Liver      |               | Vacuolization Cytoplasmic | Moderate            |
| * Lung       | Alveolus      | Infiltration Cellular     | Histiocyte, Minimal |
| * Nose       | Olfactory Epi | Degeneration              | Minimal             |
|              |               | Foreign Body              | Moderate            |
|              |               | Inflammation              | Suppurative, Mild   |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                 | * Lymph Node, Mediastinal  |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Pancreas                 |
| * Parathyroid Gland       | Peritoneum                  | * Pituitary Gland        | Pleura                     |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testes                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- |              |          |                           |                     |
|--------------|----------|---------------------------|---------------------|
| * Epididymis |          | Exfoliated Germ Cell      | Minimal             |
| * Liver      |          | Vacuolization Cytoplasmic | Moderate            |
| * Lung       | Alveolus | Infiltration Cellular     | Histiocyte, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 101

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 49191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Bronchial   | * Lymph Node, Mediastinal   | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Ovary                   | * Pancreas                  | * Parathyroid Gland      |
| Peritoneum                 | * Pituitary Gland         | Pleura                      | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |         |   |                            |         |
|---------|---|----------------------------|---------|
| * Liver |   | Hepatodiaphragmatic Nodule | Mild    |
|         | [ Hepatodiaphragmatic Nodule TGLS = 1-7 ] |                            |         |
| * Nose  | Olfactory Epi                             | Degeneration               | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Bone Marrow

\* Eye

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Liver

\* Mammary Gland

\* Pituitary Gland

\* Spleen

\* Thyroid Gland

\* Adrenal Medulla

\* Brain

\* Harderian Gland

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lymph Node, Bronchial

\* Ovary

Pleura

\* Stomach, Forestomach

\* Trachea

Blood Vessel

\* Clitoral Gland

\* Heart

\* Intestine Small, Duodenum

\* Kidney

\* Lymph Node, Mediastinal

\* Pancreas

\* Salivary Glands

\* Stomach, Glandular

\* Urinary Bladder

\* Bone

\* Esophagus

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Larynx

\* Lymph Node, Mesenteric

Peritoneum

\* Skin

\* Thymus

\* Uterus

MISSING

\* Lymph Node, Mandibular

\* Parathyroid Gland

OBSERVATIONS

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

\* Nose

Olfactory Epi

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49193

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Minimal
--------	---------------	--------------	---------

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

**OBSERVATIONS**

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery		Necrosis	Fatty, Moderate
[ Necrosis TGLS = 1-7 ]			
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 105

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 49195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Bone Marrow

\* Eye

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Liver

\* Lymph Node, Mesenteric

\* Parathyroid Gland

\* Salivary Glands

\* Stomach, Glandular

\* Urinary Bladder

\* Adrenal Medulla

\* Brain

\* Harderian Gland

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lung

\* Mammary Gland

Peritoneum

\* Skin

\* Thymus

\* Uterus

Blood Vessel

\* Clitoral Gland

\* Heart

\* Intestine Small, Duodenum

\* Kidney

\* Lymph Node, Bronchial

\* Ovary

\* Pituitary Gland

\* Spleen

\* Thyroid Gland

\* Bone

\* Esophagus

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Larynx

\* Lymph Node, Mediastinal

\* Pancreas

Pleura

\* Stomach, Forestomach

\* Trachea

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 106

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 49196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Liver                    | * Lung                    | * Lymph Node, Mediastinal   | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Ovary                   | * Pancreas                  | * Parathyroid Gland      |
| Peritoneum                 | * Pituitary Gland         | Pleura                      | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

**OBSERVATIONS**

- |        |               |              |         |
|--------|---------------|--------------|---------|
| * Nose | Olfactory Epi | Degeneration | Minimal |
|--------|---------------|--------------|---------|

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 107

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 49197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | Peritoneum               |
| * Pituitary Gland          | Pleura                    | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

**MISSING**

- |                         |                          |                           |
|-------------------------|--------------------------|---------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
|-------------------------|--------------------------|---------------------------|

**OBSERVATIONS**

- |   |                            |      |
|---|----------------------------|------|
| * Liver                                   | Hepatodiaphragmatic Nodule | Mild |
| [ Hepatodiaphragmatic Nodule TGLS = 1-6 ] |                            |      |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 108

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 49198

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Liver	Hepatodiaphragmatic Nodule	Mild
---------	----------------------------	------

[ Hepatodiaphragmatic Nodule TGLS = 1-6 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Nose                     | * Ovary                   | * Pancreas                  | Peritoneum               |
| * Pituitary Gland          | Pleura                    | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- |                         |                          |                     |
|-------------------------|--------------------------|---------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Parathyroid Gland |
|-------------------------|--------------------------|---------------------|

OBSERVATIONS

- |         |                            |         |
|---------|----------------------------|---------|
| * Liver | Hepatodiaphragmatic Nodule | Minimal |
|---------|----------------------------|---------|
- [ Hepatodiaphragmatic Nodule TGLS = 1-6 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 49200

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
-------------------------	--------------------------	---------------------------

**OBSERVATIONS**

* Ovary	Cyst	Minimal
[ Cyst TGLS = 1-9 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 301

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49291

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 302

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49292

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49293

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 304

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49294

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49295

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Lung

Trachea

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-14 ]

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49296

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 307

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49297

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 308

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49298

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49299

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 62.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49300

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Trachea

---

**OBSERVATIONS**

Larynx

Inflammation

Suppurative, Mild

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49271

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49272

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49273

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49274

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49275

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49276

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 507

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49277

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

Liver

Lung

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 508

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49278

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49279

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 125 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49280

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

Liver

Trachea

---

**OBSERVATIONS**

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 701

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49251

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Trachea

---

**OBSERVATIONS**

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 702

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49252

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Trachea

---

**OBSERVATIONS**

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 703

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49253

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

Trachea

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-14 ]

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 704

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49254

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

Trachea

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-14 ]

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 705

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49255

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Trachea

---

**OBSERVATIONS**

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 706

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49256

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

Trachea

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-3 ]

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 707

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49257

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

Trachea

---

**OBSERVATIONS**

Larynx

Inflammation

Suppurative, Mild

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49258

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

\* Lung

Trachea

---

**OBSERVATIONS**

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 709

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49259

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

Trachea

---

**OBSERVATIONS**

Larynx

Inflammation

Suppurative, Minimal

\* Lung

Note: SMALL AMOUNT OF EPIDERMIS ON PLEURA APPEARS TO BE ARTIFACT.

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 710

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 250 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49260

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Liver

Nose

Trachea

---

**OBSERVATIONS**

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 901

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49231

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 902

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49232

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx  
Trachea

\* Lung

Nose

\* Ovary

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

**ANIMAL ID:** 903

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Larynx

Nose

\* Ovary

Trachea

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 904

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49234

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 905

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49235

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 906

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49236

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 907

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49237

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 908

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49238

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 909

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49239

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Lung

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20011-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 16:59:21

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 910

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 500 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 49240

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Larynx

\* Ovary

Trachea

---

**OBSERVATIONS**

\* Liver

Vacuolization Cytoplasmic

Minimal

\* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Larynx		Inflammation	Suppurative, Minimal
* Liver	Hepatocyte	Degeneration	Mild
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
	[ Hepatodiaphragmatic Nodule TGLS = 1-6 ]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | Peritoneum               |
| * Pituitary Gland          | Pleura                    | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- |         |          |                           |                     |
|---------|----------|---------------------------|---------------------|
| * Liver |          | Vacuolization Cytoplasmic | Moderate            |
| * Lung  | Alveolus | Infiltration Cellular     | Histiocyte, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Liver	Hepatocyte	Degeneration Vacuolization Cytoplasmic	Mild Moderate
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1104

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule Vacuolization Cytoplasmic	Moderate
	[ Hepatodiaphragmatic Nodule TGLS = 1-7 ]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | Peritoneum               |
| * Pituitary Gland          | Pleura                    | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- |         |               |                           |          |
|---------|---------------|---------------------------|----------|
| * Liver |               | Vacuolization Cytoplasmic | Moderate |
| * Nose  | Olfactory Epi | Degeneration              | Minimal  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

**OBSERVATIONS**

* Liver	Hepatocyte	Degeneration Vacuolization Cytoplasmic	Minimal Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Parathyroid Gland       | Peritoneum                  | * Pituitary Gland        |
| Pleura                     | * Salivary Glands         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    |                          |

MISSING

- |                         |                          |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

INSUFFICIENT TISSUE

- \* Nose

OBSERVATIONS

- |         |   |                            |          |
|---------|---|----------------------------|----------|
| * Liver | Hepatocyte  | Degeneration               | Minimal  |
|         |   | Hepatodiaphragmatic Nodule |          |
|         |   | Vacuolization Cytoplasmic  | Moderate |
|         | [ Hepatodiaphragmatic Nodule TGLS = 2-14 ]                                      |                            |          |
| * Nose  |   |                            |          |
|         | Note: TOO MUCH TISSUE ARTIFACT TO ADEQUATELY EVALUATE THE OLFACTORY EPITHELIUM. |                            |          |
| * Ovary |   | Cyst                       | Mild     |
|         | [ Cyst TGLS = 1-9 ]   |                            |          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Liver	Hepatocyte	Degeneration Vacuolization Cytoplasmic	Minimal Mild
* Ovary		Cyst	Minimal
[ Cyst TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Liver	Hepatocyte	Degeneration Vacuolization Cytoplasmic	Moderate Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild

[ Cyst TGLS = 1-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20011-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 16:59:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 49220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Liver	Hepatocyte	Degeneration Vacuolization Cytoplasmic	Moderate Moderate
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

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\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE