# ENVIROTECH LABORATORIES, INC.
# MA CERT. NO.: M-MA 063

**8 Jan Sebastian Drive**
**Sandwich, MA 02563**
**(508)888-6460 1-800-339-6460**
**FAX (508)888-6446**

**Thursday, January 11, 2018**

*Sarian Company*
*8 Jan Sebastian Dr, Unit 24*
*Sandwich MA 02563*

**ProjectName:** *Nantucket Sewer Investigation* **Comments:**
**Project Number:**
**Sampled By:** *Phil*
**Lab Order Number:** *WW-180030*
**Date Received:** *01/08/18*

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Y.C. Discharge A | 07:30 | 01/08/18 | Nantucket Y.C Discharge | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 4.7 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 3.7 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | 0.30 | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 5.0 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.204 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.181 | 0.005 | 01/08/18 | MC | SM 4500-P |
| **Sample Type** | **Sample Time** | **Sample Date** | **Comments** | | | |
| Easy Street Sample B | 07:15 | 01/08/18 | Easy Street Sample | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 0.93 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | BRL | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | 0.55 | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 1.5 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.164 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.150 | 0.005 | 01/08/18 | MC | SM 4500-P |

*BRL=below reportable limits*

**see attached*

**By:** _____
**Ronald J. Saari**
**Laboratory Director**

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**Thursday, January 11, 2018**

*Sarian Company*
*8 Jan Sebastian Dr, Unit 24*
*Sandwich MA 02563*

**ProjectName:** *Nantucket Sewer Investigation* **Comments:**
**Project Number:**
**Sampled By:** *Phil*
**Lab Order Number:** *WW-180030*
**Date Received:** *01/08/18*

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Steamboat/Fast FerryC | 07:05 | 01/08/18 | Steamboat/Fast Ferry | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 5.3 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 3.3 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | BRL | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 5.3 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.196 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.194 | 0.005 | 01/08/18 | MC | SM 4500-P |
| **Sample Type** | **Sample Time** | **Sample Date** | **Comments** | | | |
| Kayak Beach/Wash SD | 06:52 | 01/08/18 | Kayak Beach/Wash St | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 0.69 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | BRL | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | BRL | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 0.69 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.037 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.029 | 0.005 | 01/08/18 | MC | SM 4500-P |

*BRL=below reportable limits*

**see attached*

**By:** _____
**Ronald J. Saari**
**Laboratory Director**

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*Thursday, January 11, 2018*

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**ProjectName:** *Nantucket Sewer Investigation* **Comments:**
**Project Number:**
**Sampled By:** *Phil*
**Lab Order Number:** *WW-180030*
**Date Received:** *01/08/18*

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Childrens Beach E | 07:45 | 01/08/18 | Childrens Beach | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 2.3 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 1.2 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | 0.27 | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 2.6 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.121 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.094 | 0.005 | 01/08/18 | MC | SM 4500-P |
| **Sample Type** | **Sample Time** | **Sample Date** | **Comments** | | | |
| Walters/Broad St F | 07:02 | 01/08/18 | Walters/Broad St | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 50 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 39 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | BRL | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 50 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 5.04 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 3.81 | 0.005 | 01/08/18 | MC | SM 4500-P |

*BRL=below reportable limits*

**see attached*

*By:* Ronald Saari

***Ronald J. Saari***
***Laboratory Director***

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**ProjectName:** *Nantucket Sewer Investigation* **Comments:**
**Project Number:**
**Sampled By:** *Phil*
**Lab Order Number:** *WW-180030*
**Date Received:** *01/08/18*

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Steam /Freight Boat G | 07:10 | 01/08/18 | Steam Boat/Freight Boat | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 0.83 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | BRL | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | BRL | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 0.83 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.018 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.018 | 0.005 | 01/08/18 | MC | SM 4500-P |

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Southwater St Manhole | 07:25 | 01/08/18 | Southwater St Manhole | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 7.6 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 4.6 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | 0.53 | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 8.1 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 0.609 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.214 | 0.005 | 01/08/18 | MC | SM 4500-P |

*BRL=below reportable limits*

**see attached*

**By:** Ronald J. Saari
**Ronald J. Saari**
**Laboratory Director**

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*Thursday, January 11, 2018*

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**ProjectName:** *Nantucket Sewer Investigation* **Comments:**
**Project Number:**
**Sampled By:** *Phil*
**Lab Order Number:** *WW-180030*
**Date Received:** *01/08/18*

| Sample Type | Sample Time | Sample Date | Comments | | | |
|---|---|---|---|---|---|---|
| Nant YC Inflow I | 07:18 | 01/08/18 | Nantucket Y.C. Inflow | | | |
| **Parameters** | **Units** | **Test Results** | **Reportable Limits** | **Date Analyzed** | **Analyst** | **Method** |
| Kjeldhal Nitrogen | mg/L | 8.1 | 0.60 | 01/11/18 | KB | SM4500-Norg B-C |
| Ammonia-N | mg/L | 5.1 | 0.50 | 01/09/18 | KB | SM4500 NH3 C |
| Nitrate-N | mg/L | 0.51 | 0.01 | 01/08/18 | RL | EPA 300.0 |
| Nitrite-N | mg/L | BRL | 0.006 | 01/08/18 | RL | EPA 300.0 |
| Total Nitrogen | mg/L | 8.6 | NA | 01/11/18 | KB | Calculation |
| Total Phosphorous (P) | mg/L | 1.04 | 0.005 | 01/09/18 | MC | SM 4500-P-B,E |
| Volatile Organic Compounds* | ug/L | ND* | * | 01/10/18 | NEC* | * |
| Ortho Phosphorous (P) | mg/L | 0.413 | 0.005 | 01/08/18 | MC | SM 4500-P |

*BRL=below reportable limits*

**see attached*

*By:* Ronald J. Saari
*Ronald J. Saari*
*Laboratory Director*

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801076 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030A |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 94 |
| 4-Bromofluorobenzene | 112 |
| 1,2-Dichlorobenzene-d4 | 89 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801077 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030B |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 97 |
| 4-Bromofluorobenzene | 102 |
| 1,2-Dichlorobenzene-d4 | 89 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801078 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030C |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 96 |
| 4-Bromofluorobenzene | 110 |
| 1,2-Dichlorobenzene-d4 | 85 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801079 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030D |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 96 |
| 4-Bromofluorobenzene | 112 |
| 1,2-Dichlorobenzene-d4 | 87 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801080 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030E |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 96 |
| 4-Bromofluorobenzene | 96 |
| 1,2-Dichlorobenzene-d4 | 87 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801081 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030F |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 96 |
| 4-Bromofluorobenzene | 104 |
| 1,2-Dichlorobenzene-d4 | 88 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801082 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030G |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 95 |
| 4-Bromofluorobenzene | 109 |
| 1,2-Dichlorobenzene-d4 | 85 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801083 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030H |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 95 |
| 4-Bromofluorobenzene | 98 |
| 1,2-Dichlorobenzene-d4 | 88 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |

**New England ChromaChem**
**6 Nichols Street**
**Salem, MA 01970**
**978-744-6600**

**Massachusetts DEP Lab. M-MA072**

**Sample Information**

| EPA Method 624 Volatile Organic Compounds | |
|---|---|
| Lab ID: | 801084 |
| Client: | Envirotech Laboratory, Inc. |
| Client ID: | WW-180030I |
| State: | Liquid |
| Date Sampled: | 01/08/18 |
| Date Received: | 01/10/18 |
| Date Analyzed: | 01/10/18 |

**Analytical Results**

| Parameter | Results (ug/L) | Parameter | Results (ug/L) |
|---|---|---|---|
| Acetone | ND | cis-1,2-dichloroethene | ND |
| Acrolein | ND | trans-1,2-dichloroethene | ND |
| Acrylonitrile | ND | 1,2-Dichloropropane | ND |
| Benzene | ND | cis-1,3-dichloropropene | ND |
| Bromodichloromethane | ND | trans-1,3-dichloropropene | ND |
| Bromoform | ND | Ethylbenzene | ND |
| Bromomethane | ND | 2-Hexanone | ND |
| 2-Butanone | ND | Methylene Chloride | ND |
| Carbon Disulfide | ND | 4-Methyl-2-pentanone | ND |
| Carbon Tetrachloride | ND | Methyl-tert-butyl ether | ND |
| Chlorobenzene | ND | Styrene | ND |
| Chloroethane | ND | 1,1,2,2-Tetrachloroethane | ND |
| 2-Chloroethylvinyl Ether | ND | Tetrachloroethene | ND |
| Chloroform | ND | Toluene | ND |
| Chloromethane | ND | 1,1,1-Trichloroethane | ND |
| Dibromochloromethane | ND | 1,1,2-Trichloroethane | ND |
| 1,2-Dichlorobenzene | ND | Trichloroethene | ND |
| 1,3-Dichlorobenzene | ND | Trichlorofluoromethane | ND |
| 1,4-Dichlorobenzene | ND | Vinyl Chloride | ND |
| 1,1-Dichloroethane | ND | Vinyl Acetate | ND |
| 1,2-Dichloroethane | ND | Total Xylenes | ND |
| 1,1-Dichloroethene | ND | | |

**Internal Standard Recoveries**

| | |
|---|---|
| Benzene-d6 | 96 |
| 4-Bromofluorobenzene | 95 |
| 1,2-Dichlorobenzene-d4 | 86 |

Method Detection Limit = 50 ug/L

Analysis performed per 310CMR42
**Massachusetts DEP Lab. M-MA072**

| | |
|---|---|
| **Electronically signed and approved by:** Mr. Bruce A. Bornstein, Lab Director | 1/11/2018<br>Date |