

### Hit Summary Sheet SW-846

SDG No.: Q2580  
Client: ENTACT

| Sample ID            | Client ID          | Matrix | Parameter              | Concentration | C  | MDL   | RDL   | Units |
|----------------------|--------------------|--------|------------------------|---------------|----|-------|-------|-------|
| Client ID :          | WC-URBAN-FILL-B2   |        |                        |               |    |       |       |       |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Naphthalene            | 0.950         |    | 0.012 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | 2-Methylnaphthalene    | 0.260         |    | 0.013 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Acenaphthylene         | 0.370         |    | 0.011 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Acenaphthene           | 0.840         |    | 0.012 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Fluorene               | 0.760         |    | 0.012 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Phenanthrene           | 5.800         | E  | 0.012 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Anthracene             | 1.800         | E  | 0.013 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Fluoranthene           | 5.500         | E  | 0.013 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Pyrene                 | 4.200         | E  | 0.011 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Benzo(a)anthracene     | 2.500         | E  | 0.014 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Chrysene               | 1.800         | E  | 0.015 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Benzo(b)fluoranthene   | 2.300         | E  | 0.017 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Benzo(k)fluoranthene   | 0.830         |    | 0.019 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Benzo(a)pyrene         | 2.200         | E  | 0.015 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Indeno(1,2,3-cd)pyrene | 1.200         |    | 0.019 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Dibenzo(a,h)anthracene | 0.360         |    | 0.019 | 0.035 | mg/Kg |
| Q2580-02             | WC-URBAN-FILL-B2   | SOIL   | Benzo(g,h,i)perylene   | 1.600         |    | 0.018 | 0.035 | mg/Kg |
| Total Svoc :         |                    |        |                        |               |    | 33.27 |       |       |
| Total Concentration: |                    |        |                        |               |    | 33.27 |       |       |
| Client ID :          | WC-URBAN-FILL-B2DL |        |                        |               |    |       |       |       |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Naphthalene            | 0.960         | D  | 0.12  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | 2-Methylnaphthalene    | 0.260         | JD | 0.13  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Acenaphthylene         | 0.440         | D  | 0.11  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Acenaphthene           | 0.830         | D  | 0.12  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Fluorene               | 0.770         | D  | 0.12  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Phenanthrene           | 5.900         | D  | 0.12  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Anthracene             | 1.800         | D  | 0.13  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Fluoranthene           | 5.600         | D  | 0.13  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Pyrene                 | 4.500         | D  | 0.11  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Benzo(a)anthracene     | 2.500         | D  | 0.14  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Chrysene               | 2.200         | D  | 0.14  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Benzo(b)fluoranthene   | 2.400         | D  | 0.17  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Benzo(k)fluoranthene   | 0.890         | D  | 0.19  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Benzo(a)pyrene         | 2.300         | D  | 0.15  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Indeno(1,2,3-cd)pyrene | 1.300         | D  | 0.19  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Dibenzo(a,h)anthracene | 0.380         | D  | 0.19  | 0.35  | mg/Kg |
| Q2580-02DL           | WC-URBAN-FILL-B2DL | SOIL   | Benzo(g,h,i)perylene   | 1.700         | D  | 0.18  | 0.35  | mg/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2580  
**Client:** ENTACT

| Sample ID | Client ID | Matrix | Parameter            | Concentration | C | MDL          | RDL | Units |
|-----------|-----------|--------|----------------------|---------------|---|--------------|-----|-------|
|           |           |        | Total Svoc :         |               |   | <b>34.73</b> |     |       |
|           |           |        | Total Concentration: |               |   | <b>34.73</b> |     |       |

A

B

C

D



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 07/10/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 07/10/25 |
| Client Sample ID:  | WC-URBAN-FILL-B2                    | SDG No.:        | Q2580    |
| Lab Sample ID:     | Q2580-02                            | Matrix:         | SOIL     |
| Analytical Method: | SW8270ESIM                          | % Solid:        | 94.5     |
| Sample Wt/Vol:     | 30.05 Units: g                      | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | SVOC-PAH |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | sw3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037490.D        | 10        | 07/14/25 09:20 | 07/14/25 14:21 | PB168831      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>            |                         |       |           |                     |            |                   |
| 91-20-3                   | Naphthalene             | 0.95  |           | 0.012               | 0.035      | mg/Kg             |
| 91-57-6                   | 2-Methylnaphthalene     | 0.26  |           | 0.013               | 0.035      | mg/Kg             |
| 208-96-8                  | Acenaphthylene          | 0.37  |           | 0.011               | 0.035      | mg/Kg             |
| 83-32-9                   | Acenaphthene            | 0.84  |           | 0.012               | 0.035      | mg/Kg             |
| 86-73-7                   | Fluorene                | 0.76  |           | 0.012               | 0.035      | mg/Kg             |
| 85-01-8                   | Phenanthrene            | 5.80  | E         | 0.012               | 0.035      | mg/Kg             |
| 120-12-7                  | Anthracene              | 1.80  | E         | 0.013               | 0.035      | mg/Kg             |
| 206-44-0                  | Fluoranthene            | 5.50  | E         | 0.013               | 0.035      | mg/Kg             |
| 129-00-0                  | Pyrene                  | 4.20  | E         | 0.011               | 0.035      | mg/Kg             |
| 56-55-3                   | Benzo(a)anthracene      | 2.50  | E         | 0.014               | 0.035      | mg/Kg             |
| 218-01-9                  | Chrysene                | 1.80  | E         | 0.015               | 0.035      | mg/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene    | 2.30  | E         | 0.017               | 0.035      | mg/Kg             |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.83  |           | 0.019               | 0.035      | mg/Kg             |
| 50-32-8                   | Benzo(a)pyrene          | 2.20  | E         | 0.015               | 0.035      | mg/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene  | 1.20  |           | 0.019               | 0.035      | mg/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene  | 0.36  |           | 0.019               | 0.035      | mg/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene    | 1.60  |           | 0.018               | 0.035      | mg/Kg             |
| <b>SURROGATES</b>         |                         |       |           |                     |            |                   |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.36  |           | 30 (17) - 150 (161) | 90%        | SPK: 0.4          |
| 93951-69-0                | Fluoranthene-d10        | 0.38  |           | 30 (23) - 150 (138) | 95%        | SPK: 0.4          |
| 4165-60-0                 | Nitrobenzene-d5         | 0.39  |           | 30 (33) - 130 (121) | 97%        | SPK: 0.4          |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.30  |           | 30 (32) - 130 (121) | 75%        | SPK: 0.4          |
| 1718-51-0                 | Terphenyl-d14           | 0.47  |           | 30 (21) - 130 (130) | 117%       | SPK: 0.4          |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 2050  | 7.731     |                     |            |                   |
| 1146-65-2                 | Naphthalene-d8          | 5270  | 10.509    |                     |            |                   |
| 15067-26-2                | Acenaphthene-d10        | 2640  | 14.355    |                     |            |                   |
| 1517-22-2                 | Phenanthrene-d10        | 4760  | 17.099    |                     |            |                   |
| 1719-03-5                 | Chrysene-d12            | 4630  | 21.286    |                     |            |                   |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | ENTACT                              | Date Collected: | 07/10/25                     |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 07/10/25                     |
| Client Sample ID:  | WC-URBAN-FILL-B2                    | SDG No.:        | Q2580                        |
| Lab Sample ID:     | Q2580-02                            | Matrix:         | SOIL                         |
| Analytical Method: | SW8270ESIM                          | % Solid:        | 94.5                         |
| Sample Wt/Vol:     | 30.05      Units:    g              | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | SVOC-PAH                     |
| Extraction Type :  | Decanted :      N                   | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                 | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | sw3541                              |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037490.D        | 10        | 07/14/25 09:20 | 07/14/25 14:21 | PB168831      |

| CAS Number | Parameter    | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|--------------|-------|-----------|-----|------------|-------|
| 1520-96-3  | Perylene-d12 | 4960  | 23.528    |     |            |       |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 07/10/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 07/10/25 |
| Client Sample ID:  | WC-URBAN-FILL-B2DL                  | SDG No.:        | Q2580    |
| Lab Sample ID:     | Q2580-02DL                          | Matrix:         | SOIL     |
| Analytical Method: | SW8270ESIM                          | % Solid:        | 94.5     |
| Sample Wt/Vol:     | 30.05 Units: g                      | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | SVOC-PAH |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | sw3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037493.D        | 100       | 07/14/25 09:20 | 07/14/25 16:11 | PB168831      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |    |      |      |       |
|----------|------------------------|------|----|------|------|-------|
| 91-20-3  | Naphthalene            | 0.96 | D  | 0.12 | 0.35 | mg/Kg |
| 91-57-6  | 2-Methylnaphthalene    | 0.26 | JD | 0.13 | 0.35 | mg/Kg |
| 208-96-8 | Acenaphthylene         | 0.44 | D  | 0.11 | 0.35 | mg/Kg |
| 83-32-9  | Acenaphthene           | 0.83 | D  | 0.12 | 0.35 | mg/Kg |
| 86-73-7  | Fluorene               | 0.77 | D  | 0.12 | 0.35 | mg/Kg |
| 85-01-8  | Phenanthrene           | 5.90 | D  | 0.12 | 0.35 | mg/Kg |
| 120-12-7 | Anthracene             | 1.80 | D  | 0.13 | 0.35 | mg/Kg |
| 206-44-0 | Fluoranthene           | 5.60 | D  | 0.13 | 0.35 | mg/Kg |
| 129-00-0 | Pyrene                 | 4.50 | D  | 0.11 | 0.35 | mg/Kg |
| 56-55-3  | Benzo(a)anthracene     | 2.50 | D  | 0.14 | 0.35 | mg/Kg |
| 218-01-9 | Chrysene               | 2.20 | D  | 0.14 | 0.35 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 2.40 | D  | 0.17 | 0.35 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene   | 0.89 | D  | 0.19 | 0.35 | mg/Kg |
| 50-32-8  | Benzo(a)pyrene         | 2.30 | D  | 0.15 | 0.35 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.30 | D  | 0.19 | 0.35 | mg/Kg |
| 53-70-3  | Dibenzo(a,h)anthracene | 0.38 | D  | 0.19 | 0.35 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 1.70 | D  | 0.18 | 0.35 | mg/Kg |

### SURROGATES

|            |                         |   |   |                     |    |          |
|------------|-------------------------|---|---|---------------------|----|----------|
| 7297-45-2  | 2-Methylnaphthalene-d10 | 0 | * | 30 (17) - 150 (161) | 0% | SPK: 0.4 |
| 93951-69-0 | Fluoranthene-d10        | 0 | * | 30 (23) - 150 (138) | 0% | SPK: 0.4 |
| 4165-60-0  | Nitrobenzene-d5         | 0 | * | 30 (33) - 130 (121) | 0% | SPK: 0.4 |
| 321-60-8   | 2-Fluorobiphenyl        | 0 | * | 30 (32) - 130 (121) | 0% | SPK: 0.4 |
| 1718-51-0  | Terphenyl-d14           | 0 | * | 30 (21) - 130 (130) | 0% | SPK: 0.4 |

### INTERNAL STANDARDS

|            |                        |      |        |
|------------|------------------------|------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 2100 | 7.732  |
| 1146-65-2  | Naphthalene-d8         | 5370 | 10.509 |
| 15067-26-2 | Acenaphthene-d10       | 2600 | 14.356 |
| 1517-22-2  | Phenanthrene-d10       | 4570 | 17.099 |
| 1719-03-5  | Chrysene-d12           | 4210 | 21.286 |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | ENTACT                              | Date Collected: | 07/10/25                     |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 07/10/25                     |
| Client Sample ID:  | WC-URBAN-FILL-B2DL                  | SDG No.:        | Q2580                        |
| Lab Sample ID:     | Q2580-02DL                          | Matrix:         | SOIL                         |
| Analytical Method: | SW8270ESIM                          | % Solid:        | 94.5                         |
| Sample Wt/Vol:     | 30.05      Units:    g              | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | SVOC-PAH                     |
| Extraction Type :  | Decanted :      N                   | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                 | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | sw3541                              |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037493.D        | 100       | 07/14/25 09:20 | 07/14/25 16:11 | PB168831      |

| CAS Number | Parameter    | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|--------------|-------|-----------|-----|------------|-------|
| 1520-96-3  | Perylene-d12 | 4610  | 23.525    |     |            |       |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## LAB CHRONICLE

|                 |                 |                   |                                     |
|-----------------|-----------------|-------------------|-------------------------------------|
| <b>OrderID:</b> | Q2580           | <b>OrderDate:</b> | 7/10/2025 3:40:00 PM                |
| <b>Client:</b>  | ENTACT          | <b>Project:</b>   | 540 Degraw St, Brooklyn, NY - E9309 |
| <b>Contact:</b> | Austin Farmerie | <b>Location:</b>  | D41,VOA Ref. #2 Soil                |

| LabID             | ClientID                 | Matrix      | Test     | Method        | Sample Date     | Prep Date | Anal Date | Received        |
|-------------------|--------------------------|-------------|----------|---------------|-----------------|-----------|-----------|-----------------|
| <b>Q2580-02</b>   | <b>WC-URBAN-FILL-B2</b>  | <b>SOIL</b> |          |               | <b>07/10/25</b> |           |           | <b>07/10/25</b> |
|                   |                          |             | SVOC-PAH | 8270-Modified |                 | 07/14/25  | 07/14/25  |                 |
| <b>Q2580-02DL</b> | <b>WC-URBAN-FILL-B2D</b> | <b>SOIL</b> |          |               | <b>07/10/25</b> |           |           | <b>07/10/25</b> |
|                   | <b>L</b>                 |             | SVOC-PAH | 8270-Modified |                 | 07/14/25  | 07/14/25  |                 |