

## Surrogate Summary

SW-846

SDG No.: Q1582

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID          | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------|-------------------------|-------------|--------------|--------------|------|------------|------|
|               |                    |                         |             |              |              |      | Low        | High |
| PB167159BL    | PB167159BL         | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 86           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.42         | 105          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.36         | 91           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.25         | 63           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.43         | 107          |      | 58         | 132  |
| PB167159BS    | PB167159BS         | 2-Methylnaphthalene-d10 | 0.4         | 0.43         | 108          |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.34         | 85           |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.37         | 92           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.41         | 103          |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.41         | 102          |      | 58         | 132  |
| PB167159BSD   | PB167159BSD        | 2-Methylnaphthalene-d10 | 0.4         | 0.40         | 99           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.38         | 94           |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.38         | 94           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.43         | 108          | *    | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.43         | 107          |      | 58         | 132  |
| Q1582-01      | RE117D1-20250313   | 2-Methylnaphthalene-d10 | 0.4         | 0.33         | 82           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.43         | 106          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.33         | 82           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.38         | 94           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.45         | 113          |      | 58         | 132  |
| Q1582-02      | TT180D1-20250313   | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 73           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.43         | 108          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.29         | 72           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.31         | 77           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.51         | 127          |      | 58         | 132  |
| Q1582-03      | TT180D2-20250313   | 2-Methylnaphthalene-d10 | 0.4         | 0.28         | 69           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.44         | 110          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.29         | 73           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.27         | 68           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.51         | 127          |      | 58         | 132  |
| Q1582-03DL    | TT180D2-20250313DL | 2-Methylnaphthalene-d10 | 0.4         | 0.26         | 64           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.41         | 101          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.27         | 67           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.24         | 59           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.47         | 118          |      | 58         | 132  |
| Q1582-04      | TT180D-20250313    | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 72           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.41         | 102          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.31         | 76           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.33         | 83           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.46         | 114          |      | 58         | 132  |
| Q1582-05      | FB02-20250313      | 2-Methylnaphthalene-d10 | 0.4         | 0.30         | 75           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.43         | 107          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.32         | 80           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.33         | 83           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.53         | 132          |      | 58         | 132  |
| Q1582-06      | RE131D1-20250313   | 2-Methylnaphthalene-d10 | 0.4         | 0.26         | 66           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.41         | 102          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.29         | 72           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.31         | 78           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.45         | 113          |      | 58         | 132  |
| Q1582-06DL    | RE131D1-20250313DL | 2-Methylnaphthalene-d10 | 0.4         | 0.30         | 74           |      | 30         | 150  |

## Surrogate Summary

SW-846

SDG No.: Q1582

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID          | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------|-------------------------|-------------|--------------|--------------|------|------------|------|
|               |                    |                         |             |              |              |      | Low        | High |
| Q1582-06DL    | RE131D1-20250313DL | Fluoranthene-d10        | 0.4         | 0.46         | 115          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.32         | 79           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.28         | 69           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.64         | 160          | *    | 58         | 132  |
| Q1582-07      | RE131D2-20250313   | 2-Methylnaphthalene-d10 | 0.4         | 0.25         | 62           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.41         | 102          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.27         | 67           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.27         | 67           |      | 53         | 106  |
| Q1582-07DL    | RE131D2-20250313DL | Terphenyl-d14           | 0.4         | 0.46         | 114          |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.28         | 69           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.45         | 111          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.32         | 79           |      | 55         | 111  |
| Q1582-08      | RE131D3-20250313   | 2-Fluorobiphenyl        | 0.4         | 0.30         | 74           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.47         | 116          |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.31         | 76           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.46         | 116          |      | 30         | 150  |
| Q1582-09      | TT119S1-20250313   | Nitrobenzene-d5         | 0.4         | 0.32         | 81           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.34         | 84           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.55         | 137          | *    | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 73           |      | 30         | 150  |
| Q1582-10      | RE114D1-20250313   | Fluoranthene-d10        | 0.4         | 0.44         | 110          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.30         | 76           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.31         | 77           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.49         | 123          |      | 58         | 132  |
| Q1582-11      | BPOW1-7-20250314   | 2-Methylnaphthalene-d10 | 0.4         | 0.24         | 61           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.38         | 94           |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.25         | 63           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.27         | 67           |      | 53         | 106  |
| Q1582-12      | BPOW1-8-20250314   | Terphenyl-d14           | 0.4         | 0.39         | 97           |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 73           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.43         | 108          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.28         | 70           |      | 55         | 111  |
| Q1582-13      | TT191D1-20250314   | 2-Fluorobiphenyl        | 0.4         | 0.29         | 74           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.51         | 127          |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.31         | 76           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.44         | 109          |      | 30         | 150  |
| Q1582-14      | TT191D2-20250314   | Nitrobenzene-d5         | 0.4         | 0.30         | 74           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.33         | 81           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.50         | 124          |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.25         | 63           |      | 30         | 150  |
| Q1582-15      | DUP06-20250314     | Fluoranthene-d10        | 0.4         | 0.43         | 107          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.30         | 74           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.29         | 74           |      | 53         | 106  |
|               |                    | Terphenyl-d14           | 0.4         | 0.46         | 115          |      | 58         | 132  |
| Q1582-16      | DUP06-20250314     | 2-Methylnaphthalene-d10 | 0.4         | 0.24         | 60           |      | 30         | 150  |
|               |                    | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.29         | 72           |      | 55         | 111  |
|               |                    | 2-Fluorobiphenyl        | 0.4         | 0.27         | 67           |      | 53         | 106  |
| Q1582-17      | DUP06-20250314     | Terphenyl-d14           | 0.4         | 0.41         | 102          |      | 58         | 132  |
|               |                    | 2-Methylnaphthalene-d10 | 0.4         | 0.24         | 60           |      | 30         | 150  |
| Q1582-18      | DUP06-20250314     | Fluoranthene-d10        | 0.4         | 0.42         | 105          |      | 30         | 150  |
|               |                    | Nitrobenzene-d5         | 0.4         | 0.29         | 72           |      | 55         | 111  |

## Surrogate Summary

SW-846

SDG No.: Q1582

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID      | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |                |                  |             |              |              |      | Low        | High |
| Q1582-15      | DUP06-20250314 | Nitrobenzene-d5  | 0.4         | 0.29         | 72           |      | 55         | 111  |
|               |                | 2-Fluorobiphenyl | 0.4         | 0.27         | 68           |      | 53         | 106  |
|               |                | Terphenyl-d14    | 0.4         | 0.49         | 122          |      | 58         | 132  |