

## Surrogate Summary

SW-846

SDG No.: P5376

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID              | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------------|-------------------------|-------------|--------------|--------------|------|------------|------|
|               |                        |                         |             |              |              |      | Low        | High |
| P5376-01      | TT205S1-20241218       | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 87           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.43         | 108          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.37         | 92           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.59         | 148          | *    | 58         | 132  |
| P5376-02      | TT150S1-20241218       | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 84           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.39         | 98           |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.41         | 101          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.37         | 93           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.54         | 134          | *    | 58         | 132  |
| P5376-03      | RE115D2-20241218       | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 73           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.36         | 91           |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.33         | 83           |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.33         | 81           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.46         | 115          |      | 58         | 132  |
| P5376-03DL    | RE115D2-20241218DL     | 2-Methylnaphthalene-d10 | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.48         | 120          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.53         | 131          | *    | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.42         | 104          |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.66         | 164          | *    | 58         | 132  |
| P5376-04      | TT149S1-20241218       | 2-Methylnaphthalene-d10 | 0.4         | 0.33         | 82           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.39         | 97           |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.37         | 92           |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.36         | 89           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.55         | 138          | *    | 58         | 132  |
| P5376-05      | DUP-07-20241218        | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 86           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.41         | 103          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.38         | 95           |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.38         | 95           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.58         | 144          | *    | 58         | 132  |
| P5376-06      | TT174I1-20241218       | 2-Methylnaphthalene-d10 | 0.4         | 0.37         | 92           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.42         | 105          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.44         | 109          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.42         | 105          |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.57         | 143          | *    | 58         | 132  |
| P5376-07      | RW10-MW01S-20241218    | 2-Methylnaphthalene-d10 | 0.4         | 0.38         | 94           |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.43         | 107          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.40         | 101          |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.55         | 137          | *    | 58         | 132  |
| P5376-08MS    | RW10-MW01S-20241218MS  | 2-Methylnaphthalene-d10 | 0.4         | 0.43         | 107          |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.43         | 106          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.42         | 106          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.38         | 94           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.49         | 122          |      | 58         | 132  |
| P5376-09MSD   | RW10-MW01S-20241218MSD | 2-Methylnaphthalene-d10 | 0.4         | 0.43         | 108          |      | 30         | 150  |
|               |                        | Fluoranthene-d10        | 0.4         | 0.43         | 108          |      | 30         | 150  |
|               |                        | Nitrobenzene-d5         | 0.4         | 0.42         | 104          |      | 55         | 111  |
|               |                        | 2-Fluorobiphenyl        | 0.4         | 0.37         | 93           |      | 53         | 106  |
|               |                        | Terphenyl-d14           | 0.4         | 0.51         | 128          |      | 58         | 132  |
| P5376-10      | RW10-MW01D-20241218    | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 84           |      | 30         | 150  |

## Surrogate Summary

SW-846

SDG No.: P5376

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID            | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------|-------------------------|-------------|--------------|--------------|------|------------|------|
|               |                      |                         |             |              |              |      | Low        | High |
| P5376-10      | RW10-MW01D-20241218  | Fluoranthene-d10        | 0.4         | 0.40         | 99           |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.38         | 95           |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.34         | 84           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.50         | 125          |      | 58         | 132  |
| P5376-11      | RW10A-MW01S-20241218 | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 85           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.37         | 93           |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.35         | 86           |      | 53         | 106  |
| P5376-12      | RW10A-MW01I-20241218 | Terphenyl-d14           | 0.4         | 0.52         | 130          |      | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.37         | 94           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.39         | 98           |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.42         | 106          |      | 55         | 111  |
| P5376-13      | RE117D2-20241218     | 2-Fluorobiphenyl        | 0.4         | 0.39         | 97           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.54         | 134          | *    | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.37         | 92           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.42         | 104          |      | 30         | 150  |
| P5376-14      | TT161S1-20241219     | Nitrobenzene-d5         | 0.4         | 0.40         | 101          |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.38         | 96           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.56         | 141          | *    | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.36         | 91           |      | 30         | 150  |
| P5376-15      | TT162S1-20241219     | Fluoranthene-d10        | 0.4         | 0.40         | 99           |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.42         | 105          |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.40         | 99           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.56         | 140          | *    | 58         | 132  |
| P5376-16      | RW11-MW01S-20241219  | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 88           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.39         | 98           |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.46         | 114          | *    | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.39         | 98           |      | 53         | 106  |
| P5376-17      | RW11-MW01I-20241219  | Terphenyl-d14           | 0.4         | 0.54         | 134          | *    | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.37         | 93           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.41         | 103          |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.42         | 105          |      | 55         | 111  |
| P5376-18      | TT119S1-20241219     | 2-Fluorobiphenyl        | 0.4         | 0.39         | 98           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.53         | 132          |      | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 86           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
| P5376-19      | TT188S1-20241219     | Nitrobenzene-d5         | 0.4         | 0.39         | 97           |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.37         | 91           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.51         | 128          |      | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 84           |      | 30         | 150  |
| P5376-20      | FB03-20241219        | Fluoranthene-d10        | 0.4         | 0.41         | 102          |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.38         | 94           |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.36         | 90           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.53         | 133          | *    | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 88           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.44         | 109          |      | 30         | 150  |
|               |                      | Nitrobenzene-d5         | 0.4         | 0.44         | 111          |      | 55         | 111  |
|               |                      | 2-Fluorobiphenyl        | 0.4         | 0.36         | 91           |      | 53         | 106  |
|               |                      | Terphenyl-d14           | 0.4         | 0.57         | 142          | *    | 58         | 132  |
|               |                      | 2-Methylnaphthalene-d10 | 0.4         | 0.36         | 90           |      | 30         | 150  |
|               |                      | Fluoranthene-d10        | 0.4         | 0.42         | 104          |      | 30         | 150  |

## Surrogate Summary

SW-846

SDG No.: P5376

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID     | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------|-------------------------|-------------|--------------|--------------|------|------------|------|
|               |               |                         |             |              |              |      | Low        | High |
| P5376-20      | FB03-20241219 | Nitrobenzene-d5         | 0.4         | 0.41         | 103          |      | 55         | 111  |
|               |               | 2-Fluorobiphenyl        | 0.4         | 0.38         | 95           |      | 53         | 106  |
|               |               | Terphenyl-d14           | 0.4         | 0.57         | 143          | *    | 58         | 132  |
| PB165828BL    | PB165828BL    | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 86           |      | 30         | 150  |
|               |               | Fluoranthene-d10        | 0.4         | 0.40         | 100          |      | 30         | 150  |
|               |               | Nitrobenzene-d5         | 0.4         | 0.42         | 105          |      | 55         | 111  |
| PB165828BS    | PB165828BS    | 2-Fluorobiphenyl        | 0.4         | 0.34         | 86           |      | 53         | 106  |
|               |               | Terphenyl-d14           | 0.4         | 0.48         | 120          |      | 58         | 132  |
|               |               | 2-Methylnaphthalene-d10 | 0.4         | 0.47         | 116          |      | 30         | 150  |
|               |               | Fluoranthene-d10        | 0.4         | 0.34         | 85           |      | 30         | 150  |
|               |               | Nitrobenzene-d5         | 0.4         | 0.49         | 122          | *    | 55         | 111  |
|               |               | 2-Fluorobiphenyl        | 0.4         | 0.39         | 98           |      | 53         | 106  |
|               |               | Terphenyl-d14           | 0.4         | 0.48         | 119          |      | 58         | 132  |