

## Surrogate Summary

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID   | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |           |
|---------------|-------------|-------------------------|-------------|--------------|--------------|------|------------|-----------|
|               |             |                         |             |              |              |      | Low        | High      |
| PB170483BL    | PB170483BL  | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 87           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.34         | 86           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.37         | 92           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.37         | 92           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.46         | 116          |      | 30 (54)    | 130 (175) |
| PB170483BS    | PB170483BS  | 2-Methylnaphthalene-d10 | 0.4         | 0.36         | 91           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.33         | 83           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.37         | 93           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.37         | 93           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.43         | 108          |      | 30 (54)    | 130 (175) |
| PB170483BSD   | PB170483BSD | 2-Methylnaphthalene-d10 | 0.4         | 0.37         | 93           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.28         | 69           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.36         | 90           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.38         | 95           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.41         | 101          |      | 30 (54)    | 130 (175) |
| Q3584-01      | SW-1        | 2-Methylnaphthalene-d10 | 0.4         | 0.28         | 69           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.32         | 80           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.30         | 75           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.30         | 75           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.53         | 133          | *    | 30 (54)    | 130 (175) |
| Q3584-02      | SW-2        | 2-Methylnaphthalene-d10 | 0.4         | 0.26         | 66           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.30         | 75           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.28         | 70           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.27         | 68           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.52         | 130          |      | 30 (54)    | 130 (175) |
| Q3584-03      | SW-3        | 2-Methylnaphthalene-d10 | 0.4         | 0.28         | 69           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.31         | 78           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.31         | 78           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.30         | 75           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.51         | 128          |      | 30 (54)    | 130 (175) |
| Q3584-04      | EB-2        | 2-Methylnaphthalene-d10 | 0.4         | 0.31         | 77           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.34         | 84           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.34         | 84           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.33         | 82           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.54         | 136          | *    | 30 (54)    | 130 (175) |
| Q3584-05      | FB-2        | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 84           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.35         | 87           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.37         | 93           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.39         | 97           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.54         | 135          | *    | 30 (54)    | 130 (175) |
| Q3584-07      | SEEP-1      | 2-Methylnaphthalene-d10 | 0.4         | 0.29         | 72           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.25         | 62           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.30         | 75           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.26         | 65           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.31         | 77           |      | 30 (54)    | 130 (175) |
| Q3584-07DL    | SEEP-1DL    | 2-Methylnaphthalene-d10 | 0.4         | 0.28         | 69           |      | 30 (47)    | 150 (106) |
|               |             | Fluoranthene-d10        | 0.4         | 0.24         | 59           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.27         | 66           |      | 30 (56)    | 130 (116) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.26         | 64           |      | 30 (50)    | 130 (126) |
|               |             | Terphenyl-d14           | 0.4         | 0.34         | 84           |      | 30 (54)    | 130 (175) |