

## Surrogate Summary

SW-846

SDG No.: Q1984

Client: Nobis Group

Analytical Method: 8270E

| Lab Sample ID | Client ID            | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |                      |                  |             |              |              |      | Low        | High |
| PB167973BL    | PB167973BL           | Nitrobenzene-d5  | 100         | 82.1         | 82           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 78.7         | 79           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 84.5         | 85           |      | 54         | 127  |
| PB167973BS    | PB167973BS           | Nitrobenzene-d5  | 100         | 75.8         | 76           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 74.5         | 74           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 76.0         | 76           |      | 54         | 127  |
| Q1984-01      | OU4-PCS-TC-33-050725 | Nitrobenzene-d5  | 100         | 51.5         | 51           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 56.8         | 57           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 60.1         | 60           |      | 54         | 127  |
| Q1984-05      | OU4-PCS-TC-35-050725 | Nitrobenzene-d5  | 100         | 49.0         | 49           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 55.4         | 55           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 54.5         | 55           |      | 54         | 127  |
| Q1984-07      | OU4-TS-24-050725     | Nitrobenzene-d5  | 100         | 46.8         | 47           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 47.0         | 47           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 45.8         | 46           | *    | 54         | 127  |
| Q1984-11      | OU4-TS-26-050725     | Nitrobenzene-d5  | 100         | 45.7         | 46           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 44.9         | 45           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 39.8         | 40           | *    | 54         | 127  |
| Q1984-13      | OU4-TS-27-050725     | Nitrobenzene-d5  | 100         | 48.5         | 49           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 40.8         | 41           | *    | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 35.0         | 35           | *    | 54         | 127  |
| Q1984-15      | OU4-TS-28-050725     | Nitrobenzene-d5  | 100         | 51.3         | 51           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 44.6         | 45           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 43.8         | 44           | *    | 54         | 127  |
| Q2010-02MS    | TP-13MS              | Nitrobenzene-d5  | 100         | 50.9         | 51           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 50.9         | 51           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 48.7         | 49           | *    | 54         | 127  |
| Q2010-02MSD   | TP-13MSD             | Nitrobenzene-d5  | 100         | 52.4         | 52           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 50.9         | 51           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 49.8         | 50           | *    | 54         | 127  |

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Analytical Method: 8270E

| Lab Sample ID | Client ID            | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |                      |                  |             |              |              |      | Low        | High |
| PB168052BL    | PB168052BL           | Nitrobenzene-d5  | 100         | 80.0         | 80           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 81.0         | 81           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 88.7         | 89           |      | 54         | 127  |
| PB168052BS    | PB168052BS           | Nitrobenzene-d5  | 100         | 72.8         | 73           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 75.8         | 76           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 78.6         | 79           |      | 54         | 127  |
| Q1984-03      | OU4-PCS-TC-34-050725 | Nitrobenzene-d5  | 100         | 47.6         | 48           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 52.6         | 53           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 54.7         | 55           |      | 54         | 127  |
| Q1984-09      | OU4-TS-25-050725     | Nitrobenzene-d5  | 100         | 44.9         | 45           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 44.9         | 45           |      | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 42.8         | 43           | *    | 54         | 127  |
| Q1984-13RX    | OU4-TS-27-050725RX   | Nitrobenzene-d5  | 100         | 42.7         | 43           |      | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 41.9         | 42           | *    | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 40.3         | 40           | *    | 54         | 127  |
| Q2071-13MS    | L2-WC-5MS            | Nitrobenzene-d5  | 100         | 34.6         | 35           | *    | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 37.0         | 37           | *    | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 38.1         | 38           | *    | 54         | 127  |
| Q2071-13MSD   | L2-WC-5MSD           | Nitrobenzene-d5  | 100         | 34.0         | 34           | *    | 37         | 122  |
|               |                      | 2-Fluorobiphenyl | 100         | 36.6         | 37           | *    | 44         | 115  |
|               |                      | Terphenyl-d14    | 100         | 39.6         | 40           | *    | 54         | 127  |