

### Surrogate Summary

SDG No.: Q2514

Client: CDM Smith

Analytical Method: 8151A

| Lab Sample ID    | Client ID        | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-----------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |           |        |       |        |             |      | Low       | High |
| I.BLK-PS030738.D | PIBLK-PS030738.D | 2,4-DCAA  | 1      | 500   | 414    | 83          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 487    | 97          |      | 61        | 136  |
| I.BLK-PS030958.D | PIBLK-PS030958.D | 2,4-DCAA  | 1      | 500   | 456    | 91          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 462    | 92          |      | 61        | 136  |
| Q2493-01MS       | WC-11MS          | 2,4-DCAA  | 1      | 500   | 487    | 97          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 428    | 86          |      | 10        | 141  |
| Q2493-01MSD      | WC-11MSD         | 2,4-DCAA  | 1      | 500   | 489    | 98          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 426    | 85          |      | 10        | 141  |
| PB168753BL       | PB168753BL       | 2,4-DCAA  | 1      | 500   | 414    | 83          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 441    | 88          |      | 10        | 141  |
| PB168753BS       | PB168753BS       | 2,4-DCAA  | 1      | 500   | 539    | 108         |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 505    | 101         |      | 10        | 141  |
| I.BLK-PS030966.D | PIBLK-PS030966.D | 2,4-DCAA  | 1      | 500   | 449    | 90          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 467    | 93          |      | 61        | 136  |
| I.BLK-PS030989.D | PIBLK-PS030989.D | 2,4-DCAA  | 1      | 500   | 476    | 95          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 476    | 95          |      | 61        | 136  |
| Q2514-01         | TP-92            | 2,4-DCAA  | 1      | 500   | 276    | 55          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 270    | 54          |      | 10        | 141  |
| Q2514-02         | TP-93            | 2,4-DCAA  | 1      | 500   | 206    | 41          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 197    | 39          |      | 10        | 141  |
| Q2514-03         | TP-94            | 2,4-DCAA  | 1      | 500   | 259    | 52          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 251    | 50          |      | 10        | 141  |
| Q2514-04         | TP-96            | 2,4-DCAA  | 1      | 500   | 275    | 55          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 273    | 55          |      | 10        | 141  |
| Q2514-05         | TP-97            | 2,4-DCAA  | 1      | 500   | 245    | 49          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 251    | 50          |      | 10        | 141  |
| Q2514-06         | TP-103           | 2,4-DCAA  | 1      | 500   | 340    | 68          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 337    | 67          |      | 10        | 141  |
| Q2514-07         | TP-36            | 2,4-DCAA  | 1      | 500   | 278    | 56          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 280    | 56          |      | 10        | 141  |
| Q2514-08         | TP-78            | 2,4-DCAA  | 1      | 500   | 293    | 59          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 302    | 60          |      | 10        | 141  |
| Q2514-09         | TP-81            | 2,4-DCAA  | 1      | 500   | 87.9   | 18          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 161    | 32          |      | 10        | 141  |
| Q2514-10         | TP-90            | 2,4-DCAA  | 1      | 500   | 40.9   | 8           | *    | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 67.1   | 13          |      | 10        | 141  |
| I.BLK-PS031002.D | PIBLK-PS031002.D | 2,4-DCAA  | 1      | 500   | 478    | 96          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 483    | 97          |      | 61        | 136  |
| I.BLK-PS031005.D | PIBLK-PS031005.D | 2,4-DCAA  | 1      | 500   | 356    | 71          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 496    | 99          |      | 61        | 136  |
| I.BLK-PS031012.D | PIBLK-PS031012.D | 2,4-DCAA  | 1      | 500   | 375    | 75          |      | 61        | 136  |

### Surrogate Summary

SDG No.: Q2514

Client: CDM Smith

Analytical Method: 8151A

| Lab Sample ID    | Client ID        | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-----------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |           |        |       |        |             |      | Low       | High |
| I.BLK-PS031012.D | PIBLK-PS031012.D | 2,4-DCAA  | 2      | 500   | 493    | 99          |      | 61        | 136  |
| Q2514-10RE       | TP-90RE          | 2,4-DCAA  | 1      | 500   | 35.9   | 7           | *    | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 81.2   | 16          |      | 10        | 141  |
| I.BLK-PS031018.D | PIBLK-PS031018.D | 2,4-DCAA  | 1      | 500   | 399    | 80          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 489    | 98          |      | 61        | 136  |