

**SOLID EPH\_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** ENVOCARE Environmental Facility Manage  
**Lab Code:** CHEM **Cas No:** Q2515 **SAS No :** Q2515 **SDG No:** Q2515  
**Sample No :** PB168738BSD **Datafile:** FG016240.D **Client ID :** PB168738BSD

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS QC Limit<br>Of RPD |
|-------------------|-------------------------|------------------------------------|-------|------|------------------------------------|
| Aliphatic C28-C40 | 30.0                    | 20.2                               | 67    |      | 0.38  (40-140) 25                  |
| Aliphatic C9-C28  | 100.1                   | 54.3                               | 54    |      | 0.495  (40-140) 25                 |

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|------------------------------|-------------------------|------------------------------------|-------|------|-----------------------------------|
| n-Nonane (C9)                | 3.3                     | 1.63004                            | 49    |      | 0  (40-140) 25                    |
| n-Decane (C10)               | 3.3                     | 1.69781                            | 51    |      | 0  (40-140) 25                    |
| Naphthalene (C11.7)          | 3.3                     | 1.95952                            | 59    |      | 0  (40-140) 25                    |
| n-Dodecane (C12)             | 3.3                     | 1.80872                            | 55    |      | 0  (40-140) 25                    |
| 2-methylnaphthalene (C12.89) | 3.3                     | 1.95855                            | 59    |      | 0  (40-140) 25                    |
| n-Tetradecane (C14)          | 3.3                     | 1.94442                            | 59    |      | 1.71  (40-140) 25                 |
| n-Hexadecane (C16)           | 3.3                     | 1.95658                            | 59    |      | 0  (40-140) 25                    |
| n-Octadecane (C18)           | 3.3                     | 1.92766                            | 58    |      | 0  (40-140) 25                    |
| n-Eicosane (C20)             | 3.3                     | 2.04545                            | 62    |      | 0  (40-140) 25                    |
| n-Heneicosane (C21)          | 3.3                     | 1.98034                            | 60    |      | 0  (40-140) 25                    |
| n-Docosane (C22)             | 3.3                     | 1.95783                            | 59    |      | 0  (40-140) 25                    |
| n-Tetracosane (C24)          | 6.7                     | 3.93908                            | 59    |      | 0  (40-140) 25                    |
| n-Hexacosane (C26)           | 3.3                     | 1.87086                            | 57    |      | 1.77  (40-140) 25                 |
| n-Octacosane (C28)           | 3.3                     | 1.83439                            | 56    |      | 1.8  (40-140) 25                  |
| n-Tricontane (C30)           | 3.3                     | 1.79001                            | 54    |      | 0  (40-140) 25                    |
| n-Dotriacontane (C32)        | 3.3                     | 1.82926                            | 55    |      | 0  (40-140) 25                    |
| n-Tetratriacontane (C34)     | 3.3                     | 2.06840                            | 63    |      | 1.6  (40-140) 25                  |
| n-Hexatriacontane (C36)      | 3.3                     | 2.27655                            | 69    |      | 0  (40-140) 25                    |
| n-Octatriacontane (C38)      | 3.3                     | 2.57651                            | 78    |      | 0  (40-140) 25                    |
| n-Tetracontane (C40)         | 3.3                     | 2.77844                            | 84    |      | 0  (40-140) 25                    |