

**SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

|                    |                   |                    |                                 |
|--------------------|-------------------|--------------------|---------------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>   | <b>Client:</b>     | <u>T&amp;A Construction Inc</u> |
| <b>Lab Code:</b>   | <u>ACE</u>        | <b>SDG No:</b>     | <u>Q2600</u>                    |
| <b>Sample No :</b> | <u>Q2600-05MS</u> | <b>Datafile:</b>   | <u>FD049555.D</u>               |
|                    |                   | <b>Client ID :</b> | <u>STOCK-PILEMS</u>             |

| COMPOUND         | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS (%) |
|------------------|-------------------------|----------------------------------|----------------------------------|-------|------|---------------|
| Aromatic C10-C12 | 8.1                     | 9.04                             | 14.5                             | 67    |      | (40-140)      |
| Aromatic C12-C16 | 12.2                    | 5.43                             | 17.0                             | 95    |      | (40-140)      |
| Aromatic C16-C21 | 20.3                    | 19.4                             | 40.1                             | 101   |      | (40-140)      |
| Aromatic C21-C36 | 32.5                    | 74.6                             | 107                              | 100   |      | (40-140)      |

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|---------------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|------------------|
| 1,2,3-Trimethylbenzene (C10.1)  | 4.1                     | 0.0000                           | 3.2125                           | 78    |      | (40-140)         |
| Naphthalene (C11.7)             | 4.1                     | 0.0000                           | 3.6301                           | 89    |      | (40-140)         |
| 2-Methylnaphthalene (C12.89)    | 4.1                     | 0.0000                           | 3.4973                           | 85    |      | (40-140)         |
| Acenaphthylene (C15.06)         | 4.1                     | 0.0000                           | 3.8197                           | 93    |      | (40-140)         |
| Acenaphthene (C15.5)            | 4.1                     | 0.0000                           | 3.8391                           | 94    |      | (40-140)         |
| Fluorene (C16.55)               | 4.1                     | 0.0000                           | 4.0195                           | 98    |      | (40-140)         |
| Phenanthrene (C19.36)           | 4.1                     | 0.0000                           | 4.3391                           | 106   |      | (40-140)         |
| Anthracene (C19.43)             | 4.1                     | 0.0000                           | 4.2774                           | 104   |      | (40-140)         |
| Pyrene (C20.8)                  | 4.1                     | 0.0000                           | 5.3880                           | 131   |      | (40-140)         |
| Fluoranthene (C21.85)           | 4.1                     | 0.0000                           | 4.7118                           | 115   |      | (40-140)         |
| Benzo[a]anthracene (C26.37)     | 4.1                     | 0.0000                           | 6.0860                           | 148   | *    | (40-140)         |
| Chrysene (C27.41)               | 4.1                     | 0.0000                           | 11.9233                          | 291   | *    | (40-140)         |
| Bnezo[k]fluoranthene (C30.14)   | 4.1                     | 0.0000                           | 10.8112                          | 264   | *    | (40-140)         |
| Dibenz[a,h]anthracene (C30.36)  | 4.1                     | 0.0000                           | 9.1174                           | 222   | *    | (40-140)         |
| benzo[b]fluoranthene (C30.41)   | 4.1                     | 0.0000                           | 5.2672                           | 128   |      | (40-140)         |
| Benzo[a]pyrene (C31.34)         | 4.1                     | 0.0000                           | 5.8272                           | 142   | *    | (40-140)         |
| Benzo[g,h,i]perylene (C34.01)   | 4.1                     | 0.0000                           | 4.0316                           | 98    |      | (40-140)         |
| Indeno[1,2,3-cd]pyrene (C35.01) | 4.1                     | 0.0000                           | 5.0973                           | 124   |      | (40-140)         |