

Method Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\  
 Method File : Aromatic EPH 090319.M  
 Title : GC Extractables  
 Last Update : Wed Sep 04 11:39:54 2019  
 Response Via : Initial Calibration

## Calibration Files

100 =FD030478.D 50 =FD030479.D 20 =FD030480.D  
 10 =FD030481.D 5 =FD030482.D

|       | Compound               | 100   | 50    | 20    | 10    | 5     | Avg   | %RSD    |
|-------|------------------------|-------|-------|-------|-------|-------|-------|---------|
| 1) T  | 1,2,3-Trimethylben...  | 1.821 | 1.754 | 1.824 | 1.770 | 1.643 | 1.762 | E5 4.17 |
| 2) T  | Naphthalene (C11.7)    | 1.889 | 1.834 | 1.900 | 1.817 | 1.691 | 1.826 | E5 4.56 |
| 3) T  | 2-Methylnaphthalen...  | 1.844 | 1.799 | 1.870 | 1.786 | 1.657 | 1.791 | E5 4.59 |
| 4) S  | 2-Bromonaphthalene...  | 1.644 | 1.592 | 1.656 | 1.590 | 1.461 | 1.589 | E5 4.86 |
| 5) T  | Acenaphthylene (C1...  | 1.745 | 1.700 | 1.780 | 1.722 | 1.611 | 1.712 | E5 3.71 |
| 6) S  | 2-Fluorobiphenyl (S... | 1.113 | 1.084 | 1.125 | 1.074 | 0.976 | 1.074 | E5 5.45 |
| 7) T  | Acenaphthene (C15.5)   | 1.819 | 1.772 | 1.849 | 1.779 | 1.659 | 1.776 | E5 4.08 |
| 8) T  | Fluorene (C16.55)      | 1.788 | 1.746 | 1.822 | 1.747 | 1.611 | 1.743 | E5 4.59 |
| 9) T  | Phenanthrene (C19.36)  | 1.759 | 1.727 | 1.807 | 1.730 | 1.610 | 1.727 | E5 4.22 |
| 10) T | Anthracene (C19.43)    | 1.711 | 1.680 | 1.756 | 1.688 | 1.569 | 1.681 | E5 4.12 |
| 11) S | ortho-Terphenyl (S...  | 1.698 | 1.669 | 1.746 | 1.688 | 1.589 | 1.678 | E5 3.41 |
| 12) T | Fluoranthene (C21.85)  | 1.727 | 1.704 | 1.781 | 1.707 | 1.611 | 1.706 | E5 3.61 |
| 13) T | Pyrene (C20.8)         | 1.716 | 1.694 | 1.763 | 1.697 | 1.599 | 1.694 | E5 3.54 |
| 14) T | Benzo[a]anthracene...  | 1.599 | 1.582 | 1.654 | 1.586 | 1.483 | 1.581 | E5 3.90 |
| 15) T | Chrysene (C27.41)      | 1.599 | 1.584 | 1.665 | 1.609 | 1.531 | 1.598 | E5 3.02 |
| 16) T | benzo[b]fluoranth...   | 1.539 | 1.515 | 1.587 | 1.527 | 1.437 | 1.521 | E5 3.57 |
| 17) T | Bnezo[k]fluoranth...   | 1.507 | 1.505 | 1.584 | 1.542 | 1.472 | 1.522 | E5 2.81 |
| 18) T | Benzo[a]pyrene (C3...  | 1.488 | 1.474 | 1.553 | 1.503 | 1.420 | 1.487 | E5 3.25 |
| 19) T | Indeno[1,2,3-cd]py...  | 1.485 | 1.399 | 1.435 | 1.386 | 1.280 | 1.397 | E5 5.42 |
| 20) T | Dibenz[a,h]anthrac...  | 1.306 | 1.336 | 1.435 | 1.422 | 1.368 | 1.374 | E5 4.02 |
| 21) T | Benzo[g,h,i]peryle...  | 1.389 | 1.353 | 1.417 | 1.378 | 1.293 | 1.366 | E5 3.42 |

(#) = Out of Range