

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111324AR\  
 Data File : FD048721.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Nov 2024 19:04  
 Operator : YP/AJ  
 Sample : P4768-07MS  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

## Instrument :

FID\_D

ClientSampleId :

B-6-3MS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e

Quant Time: Nov 14 01:45:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.367  | 7653815    | 50.427 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 100.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.217  | 4951844    | 50.430 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.86%       |
| 11) S ortho-Terphenyl (SURR)       | 11.251 | 4554583    | 26.738 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 53.48%        |
|                                    |        |            |               |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.189  | 5890497    | 33.859 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.707  | 6844429    | 38.358 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.754  | 6679844    | 37.346 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.020  | 8130773    | 46.305 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.316  | 8098967    | 45.663 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.094  | 8247216    | 48.789 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.484 | 10588090   | 64.051 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.558 | 8408217    | 52.581 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.291 | 11585476   | 70.396 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.583 | 10405091   | 64.597 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.453 | 9441603    | 64.573 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.496 | 9017473    | 54.820 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.003 | 9155731    | 60.224 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.036 | 8012843    | 53.311 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.379 | 8639177    | 57.405 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.747 | 8497914    | 65.129 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.782 | 7594862    | 46.670 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.000 | 8043364    | 52.539 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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