

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042622AR\  
 Data File : FD042121.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Apr 2022 3:27  
 Operator : UA/NP  
 Sample : N2528-05MSD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

## Instrument :

FID\_D

## ClientSampleId :

TP8-1.5-2.0MSD

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 04/27/2022

Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e

Quant Time: Apr 27 05:37:43 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.331  | 6512644    | 46.463 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 92.93%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.179  | 3989662    | 55.993 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 111.99%       |
| 11) S ortho-Terphenyl (SURR)       | 11.208 | 6032193    | 34.802 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 69.60%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.153  | 5879962    | 37.770 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.673  | 6543281    | 41.479 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.718  | 6546493    | 45.271 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.981  | 6778099    | 41.129 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.275  | 7560152    | 40.268 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.053  | 7445020    | 48.879 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.440 | 7576519    | 51.025 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.515 | 7829457    | 46.768 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.242 | 7679236    | 48.956 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.535 | 7495212    | 45.953 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.407 | 6766278    | 56.565 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.448 | 6735518    | 36.713 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.954 | 6590893    | 50.198 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.988 | 7152598    | 41.372 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.330 | 6047046    | 40.985 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.699 | 6178889    | 61.905 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.735 | 6904436    | 43.989 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.951 | 6706823    | 48.428 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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