

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100824AR\  
 Data File : FD048435.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Oct 2024 07:13  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024  
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e  
 Quant Time: Oct 09 01:32:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:17:34 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...      | 7.380  | 3436773    | 20.757 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.51%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.231  | 2219409    | 21.401 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.80%        |
| 11) S ortho-Terphenyl (SURR)       | 11.264 | 3860107    | 20.979 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.96%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.201  | 3898640    | 22.245 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.720  | 3989350    | 21.366 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.767  | 4063716    | 21.502 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.032  | 3981861    | 20.756 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.326  | 4031271    | 21.312 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.105  | 3840591    | 21.257 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.492 | 3820409    | 21.556 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.568 | 3089249    | 17.361 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.295 | 3765493    | 20.818 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.589 | 3681676    | 20.560 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.457 | 3302038    | 20.662 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.498 | 3746963    | 20.088 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.004 | 3384054    | 20.320 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.035 | 3419728    | 20.146 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.379 | 3363679    | 20.580 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.742 | 2809432    | 21.358 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.782 | 3639661    | 21.751 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.992 | 3403662    | 20.955 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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