

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102824AR\  
 Data File : FD048597.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Oct 2024 09:53  
 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

Integration File: autoint1.e  
 Quant Time: Oct 29 00:21:43 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...      | 7.371  | 2750069    | 18.119 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.24%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.221  | 1804963    | 18.382 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.76%       |
| 11) S ortho-Terphenyl (SURR)       | 11.254 | 3100863    | 18.204 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.41%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.194  | 3204368    | 18.419 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.712  | 3274284    | 18.350 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.758  | 3257858    | 18.214 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.023  | 3196472    | 18.204 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.317  | 3227618    | 18.198 ug/ml |
| 8) T Fluorene (C16.55)             | 9.095  | 3089442    | 18.277 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.481 | 3004248    | 18.174 ug/ml |
| 10) T Anthracene (C19.43)          | 10.557 | 2892176    | 18.086 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.284 | 3009589    | 18.287 ug/ml |
| 13) T Pyrene (C20.8)               | 12.577 | 2944200    | 18.278 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.446 | 2701480    | 18.476 ug/ml |
| 15) T Chrysene (C27.41)            | 14.487 | 2944379    | 17.900 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.992 | 2831272    | 18.623 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.023 | 2767878    | 18.415 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.368 | 2793340    | 18.561 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.732 | 2382399    | 18.259 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.771 | 2890047    | 17.759 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.981 | 2821455    | 18.430 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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