

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040925AR\  
 Data File : FD049257.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Apr 2025 12:11  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 10 02:08:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 05:25:12 2025  
 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...      | 7.748  | 2482646    | 16.760 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.52%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.614  | 1720525    | 16.867 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.73%       |
| 11) S ortho-Terphenyl (SURR)       | 11.656 | 2990123    | 16.972 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.94%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.540  | 2549733    | 17.015 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.085  | 2704236    | 16.516 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.139  | 2706415    | 16.732 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.417  | 2928914    | 16.581 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.713  | 2876997    | 16.699 ug/ml |
| 8) T Fluorene (C16.55)             | 9.493  | 2951965    | 16.928 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.891 | 2967762    | 17.293 ug/ml |
| 10) T Anthracene (C19.43)          | 10.966 | 2562305    | 16.310 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.705 | 2975601    | 17.604 ug/ml |
| 13) T Pyrene (C20.8)               | 13.003 | 2961497    | 17.658 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.872 | 2568478    | 17.868 ug/ml |
| 15) T Chrysene (C27.41)            | 14.914 | 2600191    | 18.020 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.421 | 2530744    | 18.191 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.453 | 2478258    | 18.120 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.799 | 2353936    | 18.102 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.162 | 2240829    | 18.177 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.201 | 2430668    | 19.223 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.418 | 2395749    | 18.351 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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