

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050125AR\  
 Data File : FD049298.D  
 Signal(s) : FID2B.ch  
 Acq On : 01 May 2025 10:30  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: May 01 12:27:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 01 12:24:43 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...      | 7.745  | 11463954   | 96.108 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 192.22%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.611  | 7800759    | 96.832 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 193.66%#     |
| 11) S ortho-Terphenyl (SURR)       | 11.657 | 13203715   | 95.222 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 190.44%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.533  | 12023424   | 96.262 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.080  | 12923661   | 96.696 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.135  | 12548644   | 96.359 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.416  | 13558134   | 95.743 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.713  | 13212373   | 95.931 ug/ml |
| 8) T Flouorene (C16.55)            | 9.494  | 13224001   | 95.995 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.894 | 13198540   | 96.327 ug/ml |
| 10) T Anthracene (C19.43)          | 10.970 | 11932871   | 97.422 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.710 | 13459488   | 97.026 ug/ml |
| 13) T Pyrene (C20.8)               | 13.010 | 13508747   | 97.173 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.880 | 11905065   | 99.763 ug/ml |
| 15) T Chrysene (C27.41)            | 14.928 | 11971428   | 99.233 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.435 | 12128915   | 98.221 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.474 | 11789554   | 97.799 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.817 | 11413341   | 97.782 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.183 | 11097989   | 98.710 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.223 | 10329974   | 96.013 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.446 | 11675578   | 96.897 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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