

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012925AR\  
 Data File : FF015352.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jan 2025 09:16  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 30 02:43:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 15 07:05:42 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...      | 7.989  | 3062013    | 23.197 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.39%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.862  | 1981286    | 23.473 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.95%       |
| 11) S ortho-Terphenyl (SURR)       | 11.926 | 3462978    | 20.117 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.23%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.600  | 3507963    | 21.870 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.268  | 3552959    | 22.160 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.363  | 3440509    | 21.636 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.663  | 3376474    | 21.249 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.962  | 3396838    | 20.832 ug/ml |
| 8) T Fluorene (C16.55)             | 9.751  | 3357433    | 21.323 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.157 | 3165116    | 19.824 ug/ml |
| 10) T Anthracene (C19.43)          | 11.231 | 2699249    | 18.282 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.978 | 3216046    | 19.440 ug/ml |
| 13) T Pyrene (C20.8)               | 13.276 | 3178271    | 19.622 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.157 | 2799923    | 18.769 ug/ml |
| 15) T Chrysene (C27.41)            | 15.199 | 2961102    | 19.063 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.716 | 2890160    | 19.530 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.749 | 2921592    | 20.663 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.097 | 2750683    | 19.360 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.469 | 2645192    | 20.992 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.509 | 3122367    | 21.104 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.726 | 2977881    | 22.060 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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