

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG022725AR\  
 Data File : FG015417.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Feb 2025 17:19  
 Operator : YP\AJ  
 Sample : PB166905BSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB166905BSD

Integration File: autoint1.e  
 Quant Time: Feb 28 02:25:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 022525.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 25 16:10:05 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...      | 7.981  | 6131568    | 52.232 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 104.46%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.860  | 3710641    | 47.578 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 95.16%       |
| 11) S ortho-Terphenyl (SURR)       | 11.934 | 6154255    | 45.709 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 91.42%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.569  | 4250564    | 32.545 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.249  | 5137629    | 38.989 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.351  | 5130073    | 39.885 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.658  | 6021798    | 45.527 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.960  | 6215156    | 47.990 ug/ml |
| 8) T Fluorene (C16.55)             | 9.753  | 6389802    | 49.105 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.165 | 6530811    | 51.448 ug/ml |
| 10) T Anthracene (C19.43)          | 11.241 | 6476588    | 52.801 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.993 | 6655082    | 52.552 ug/ml |
| 13) T Pyrene (C20.8)               | 13.294 | 6607487    | 52.506 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.181 | 6578812    | 53.571 ug/ml |
| 15) T Chrysene (C27.41)            | 15.226 | 7378838    | 58.980 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.746 | 6897935    | 53.466 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.782 | 6869091    | 53.120 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.129 | 6737423    | 53.916 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.506 | 6585227    | 53.711 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.542 | 6426516    | 47.222 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.765 | 6445929    | 49.144 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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