

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082825AR\  
 Data File : FD049698.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Aug 2025 16:40  
 Operator : YP/AJ  
 Sample : Q2893-02  
 Misc : 5PPM SOIL LOQ  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025  
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e  
 Quant Time: Aug 29 02:28:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 11 14:11:57 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...      | 7.717  | 4924805    | 48.053 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.11%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.582  | 3439494    | 47.087 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 94.17%       |
| 11) S ortho-Terphenyl (SURR)       | 11.627 | 5419117    | 41.751 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 83.50%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.508  | 338480     | 3.344 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.051  | 404616     | 3.529 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.104  | 398108     | 3.337 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.382  | 449221     | 3.573 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.678  | 460527     | 3.663 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.458  | 469145     | 3.705 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.856 | 476003     | 3.685 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.930 | 465871     | 3.782 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.669 | 484249     | 3.783 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.966 | 474339     | 3.736 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.838 | 442299     | 3.833 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.879 | 469879     | 4.013 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.386 | 441828     | 3.885 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.418 | 445530     | 4.162 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.765 | 433523     | 3.908 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.128 | 442742     | 4.295 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.169 | 428553     | 3.932 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.381 | 431191     | 3.946 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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