

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AR\  
 Data File : FG015202.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Jan 2025 02:47  
 Operator : YP\AJ  
 Sample : Q1168-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025  
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e  
 Quant Time: Jan 29 06:13:14 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...      | 7.984  | 6958039    | 52.712 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 105.42%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.860  | 4766710    | 56.472 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 112.94%      |
| 11) S ortho-Terphenyl (SURR)       | 11.939 | 6542735    | 38.007 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 76.01%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.573  | 287140     | 1.790 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.250  | 325871     | 2.032 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 7.350  | 333197     | 2.095 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 8.657  | 341233     | 2.147 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.957  | 330147     | 2.025 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.749  | 327995     | 2.083 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.159 | 323474     | 2.026 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.234 | 318820     | 2.159 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.985 | 322916     | 1.952 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.283 | 328734     | 2.030 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.169 | 300029     | 2.011 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.209 | 317408     | 2.043 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.729 | 301597     | 2.038 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.761 | 311966     | 2.206 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 17.110 | 294673     | 2.074 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.481 | 305560     | 2.425 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.524 | 314718     | 2.127 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.737 | 288783     | 2.139 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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