

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080724AR\  
 Data File : FG014079.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Aug 2024 10:31  
 Operator : YP\AJ  
 Sample : P3390-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e  
 Quant Time: Aug 08 04:42:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 080624.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 17:31:37 2024  
 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...      | 7.894  | 5489559    | 48.932 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 97.86%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.767  | 3543472    | 47.185 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 94.37%       |
| 11) S ortho-Terphenyl (SURR)       | 11.836 | 5623565    | 42.511 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.497  | 219461     | 1.699 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.167  | 231461     | 1.740 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.265  | 243225     | 1.838 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.565  | 262462     | 1.983 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.863  | 327126     | 2.419 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.657  | 238947     | 1.859 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.064 | 213853     | 1.716 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.140 | 216687     | 1.723 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.887 | 256840     | 2.013 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.184 | 254892     | 2.004 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.071 | 191482     | 1.643 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.112 | 336531     | 2.468 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.630 | 189032     | 1.529 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.661 | 291369     | 2.180 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.015 | 210744     | 1.671 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.390 | 147146     | 1.437 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.430 | 300462     | 1.969 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.640 | 216016     | 1.556 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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