

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080824AR\  
 Data File : FG014092.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Aug 2024 05:46  
 Operator : YP\AJ  
 Sample : P3390-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e  
 Quant Time: Aug 08 06:24:49 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...      | 7.891  | 5504768    | 49.067 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.13%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.763  | 3545304    | 47.210 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 94.42%       |
| 11) S ortho-Terphenyl (SURR)       | 11.833 | 5622923    | 42.507 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.01%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.494  | 218508     | 1.691 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.165  | 228405     | 1.717 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 7.263  | 252717     | 1.910 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.562  | 260043     | 1.965 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.860  | 366356     | 2.709 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.654  | 237268     | 1.846 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.060 | 210307     | 1.687 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.137 | 212839     | 1.692 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.884 | 258398     | 2.025 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.181 | 259480     | 2.040 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.069 | 190547     | 1.635 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.109 | 354854     | 2.602 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.627 | 180307     | 1.458 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.657 | 297411     | 2.225 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.013 | 203554     | 1.614 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.386 | 150930     | 1.474 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.429 | 353296     | 2.315 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.637 | 253440     | 1.826 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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