

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF101524AR\  
 Data File : FF014686.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Oct 2024 14:02  
 Operator : YP\AJ  
 Sample : P4368-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e  
 Quant Time: Oct 16 02:25:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 11:02:50 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...      | 7.856  | 7288417    | 67.973 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 135.95%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.726  | 4037389    | 65.341 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 130.68%#     |
| 11) S ortho-Terphenyl (SURR)       | 11.788 | 7244225    | 52.914 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 105.83%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.472  | 272312     | 2.071 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.142  | 297949     | 2.317 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 7.240  | 297395     | 2.362 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 8.530  | 329567     | 2.550 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.825  | 525545     | 3.853 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.623  | 303058     | 2.537 ug/mlm |
| 9) T Phenanthrene (C19.36)         | 11.028 | 243990     | 2.118 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.109 | 290479     | 2.457 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.844 | 307623     | 2.515 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.135 | 299686     | 2.414 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 15.039 | 113283     | 1.284 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.079 | 453737     | 3.158 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.590 | 143018     | 1.480 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.626 | 385768     | 2.839 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.985 | 145446     | 1.327 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.375 | 137071     | 2.138 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.456 | 78778      | 0.747 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.591 | 193204     | 1.590 ug/mlm |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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