

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080723AR\  
 Data File : FD046282.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Aug 2023 14:05  
 Operator : YP/AJ  
 Sample : 03572-01  
 Misc : LOD 2.5 PPM  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e  
 Quant Time: Aug 08 05:44:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 03:07:14 2023  
 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...      | 7.502  | 4807671    | 32.163 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 64.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.356  | 3036725    | 32.439 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 64.88%       |
| 11) S ortho-Terphenyl (SURR)       | 11.397 | 8241435    | 47.191 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 94.38%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.315  | 395773     | 2.172 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.842  | 390494     | 2.162 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.889  | 374502     | 2.128 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.158  | 329479     | 2.159 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.453  | 364267     | 2.234 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.232  | 315237     | 2.072 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.621 | 311739     | 2.165 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.694 | 275766     | 2.107 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.422 | 317873     | 2.275 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.716 | 320175     | 2.310 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.580 | 248445     | 1.893 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.621 | 382683     | 2.714 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.120 | 252501     | 1.846 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.151 | 272461     | 1.988 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.497 | 221521     | 1.702 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.853 | 194934     | 1.621 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.897 | 236109     | 1.846 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.102 | 200114     | 1.577 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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