

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051220AR\  
 Data File : FD033464.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 May 2020 11:26  
 Operator : DD\AJ  
 Sample : L2182-01  
 Misc : LOD-SOIL- 2.5 PPM  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations  
 APPROVED

Sohil  
 5/13/2020 5:02:54 PM

Integration File: sample.E  
 Quant Time: May 13 04:08:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 12 06:50:42 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.585  | 5068000    | 46.083 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 92.17%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.447  | 3526835    | 47.497 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 94.99%       |
| 11) S ortho-Terphenyl (SURR)       | 11.479 | 5422392    | 42.020 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 84.04%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.396  | 203870     | 1.791 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.932  | 228003     | 1.934 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 6.981  | 228424     | 1.918 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 8.250  | 251589     | 2.084 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.543  | 289780     | 2.296 ug/mlm |
| 8) T Fluorene (C16.55)             | 9.327  | 230731     | 1.884 ug/mlm |
| 9) T Phenanthrene (C19.36)         | 10.720 | 240242     | 1.900 ug/mlm |
| 10) T Anthracene (C19.43)          | 10.797 | 239616     | 1.969 ug/mlm |
| 12) T Fluoranthene (C21.85)        | 12.528 | 262467     | 2.026 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.823 | 264341     | 2.046 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.697 | 212598     | 1.740 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.738 | 315733     | 2.452 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.248 | 274962     | 2.210 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.279 | 277327     | 2.154 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.634 | 223534     | 1.810 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.004 | 247324     | 2.085 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.039 | 262775     | 2.125 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.251 | 259899     | 2.154 ug/mlm |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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