

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051021AR\  
 Data File : FD037429.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 May 2021 13:05  
 Operator : DD\AJ  
 Sample : M2262-01  
 Misc : LOD-SOIL- 2.5 PPM  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations  
 APPROVED

Ankita  
 5/11/2021 1:47:41 PM

Integration File: autoint1.e  
 Quant Time: May 11 04:03:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 07:01:17 2021  
 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...      | 7.564  | 4534857    | 38.354 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 76.71%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.423  | 2244981    | 29.094 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 58.19%       |
| 11) S ortho-Terphenyl (SURR)       | 11.467 | 5104400    | 41.326 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 82.65%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.364  | 200227     | 1.506 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.901  | 217220     | 1.580 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.951  | 222990     | 1.663 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.225  | 221646     | 1.772 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.520  | 211050     | 1.633 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.300  | 210948     | 1.722 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.695 | 216988     | 1.841 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.769 | 207509     | 1.802 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.506 | 256955     | 2.203 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.802 | 263143     | 2.286 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.672 | 239277     | 2.174 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.713 | 301637     | 2.665 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.221 | 268670     | 2.395 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.251 | 264663     | 2.457 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.600 | 247426     | 2.391 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.963 | 213794     | 2.010 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.004 | 239345     | 2.291 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.215 | 247706     | 2.319 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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