

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051321AR\  
 Data File : FD037498.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 May 2021 7:48  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 14 10:08:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 14 06:43:22 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...      | 7.558  | 2052225    | 20.405 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.81%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.417  | 1386247    | 20.511 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.02%       |
| 11) S ortho-Terphenyl (SURR)       | 11.458 | 2393486    | 20.093 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.19%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.360  | 2128260    | 20.367 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.896  | 2281068    | 20.441 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.947  | 2289887    | 20.396 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.221  | 2231266    | 20.347 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.516  | 2310581    | 20.313 ug/ml |
| 8) T Flouorene (C16.55)            | 9.296  | 2257308    | 20.369 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.690 | 2281670    | 20.293 ug/ml |
| 10) T Anthracene (C19.43)          | 10.764 | 2234605    | 20.318 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.500 | 2324877    | 20.033 ug/ml |
| 13) T Pyrene (C20.8)               | 12.796 | 2308915    | 19.986 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.666 | 2211431    | 20.072 ug/ml |
| 15) T Chrysene (C27.41)            | 14.708 | 2296154    | 19.931 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.214 | 2262921    | 20.009 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.246 | 2221797    | 20.040 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.591 | 2094600    | 19.998 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.957 | 2146201    | 19.755 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.996 | 2219621    | 20.275 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.211 | 2172390    | 19.878 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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