

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081123AR\  
 Data File : FD046323.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Aug 2023 10:37  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 12 01:11:09 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...      | 7.499  | 2981076    | 19.943 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.89%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.353  | 1986741    | 21.223 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.45%       |
| 11) S ortho-Terphenyl (SURR)       | 11.391 | 3824692    | 21.900 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.80%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.313  | 3296908    | 18.095 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.840  | 3448534    | 19.093 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.888  | 3465647    | 19.691 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.157  | 3157187    | 20.692 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.452  | 3357215    | 20.589 ug/ml |
| 8) T Fluorene (C16.55)             | 9.230  | 3298406    | 21.677 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.619 | 3287094    | 22.828 ug/ml |
| 10) T Anthracene (C19.43)          | 10.693 | 2986638    | 22.821 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.422 | 3292003    | 23.559 ug/ml |
| 13) T Pyrene (C20.8)               | 12.716 | 3168361    | 22.861 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.581 | 2881946    | 21.956 ug/ml |
| 15) T Chrysene (C27.41)            | 14.622 | 2974835    | 21.098 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.122 | 2784582    | 20.360 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.154 | 2745244    | 20.028 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.496 | 2615893    | 20.093 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.852 | 2379913    | 19.788 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.895 | 2441568    | 19.090 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.105 | 2432480    | 19.173 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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