

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040723AR\  
 Data File : FD045439.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2023 12:07  
 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: Apr 10 04:40:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:56:14 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...      | 7.546  | 2789919    | 20.363 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.73%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.401  | 1815613    | 20.253 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.51%       |
| 11) S ortho-Terphenyl (SURR)       | 11.441 | 3469596    | 19.942 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.356  | 3170853    | 20.354 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.886  | 3273027    | 20.366 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.935  | 3241241    | 20.248 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.206  | 2906904    | 19.854 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.501  | 3128017    | 20.167 ug/ml |
| 8) T Fluorene (C16.55)             | 9.279  | 3007162    | 20.279 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.669 | 2897832    | 20.005 ug/ml |
| 10) T Anthracene (C19.43)          | 10.743 | 2506580    | 18.134 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.474 | 2861925    | 19.892 ug/ml |
| 13) T Pyrene (C20.8)               | 12.769 | 2797468    | 19.897 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.634 | 2555939    | 19.930 ug/ml |
| 15) T Chrysene (C27.41)            | 14.675 | 2694235    | 20.318 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.175 | 2591867    | 19.952 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.207 | 2663824    | 21.032 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.549 | 2479897    | 19.724 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.906 | 2247719    | 18.991 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.947 | 2457359    | 20.627 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.159 | 2346369    | 18.785 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

