

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011623AR\  
 Data File : FD044804.D  
 Signal(s) : FID2B.ch  
 Acq On : 16 Jan 2023 10:11  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 17 01:27:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122422.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 17:15:10 2022  
 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...      | 7.657  | 3070730    | 21.294 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.59%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.512  | 2046133    | 21.079 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.16%       |
| 11) S ortho-Terphenyl (SURR)       | 11.539 | 3895473    | 21.621 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.24%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.481  | 3465426    | 21.538 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.007  | 3582204    | 21.343 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.050  | 3580461    | 21.295 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.317  | 3271537    | 21.570 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.611  | 3456108    | 21.320 ug/ml |
| 8) T Flouorene (C16.55)            | 9.386  | 3361561    | 21.092 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.773 | 3325088    | 21.188 ug/ml |
| 10) T Anthracene (C19.43)          | 10.847 | 3130703    | 24.896 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.574 | 3354729    | 21.363 ug/ml |
| 13) T Pyrene (C20.8)               | 12.869 | 3301919    | 21.569 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.730 | 3006612    | 21.145 ug/ml |
| 15) T Chrysene (C27.41)            | 14.772 | 3173617    | 20.929 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.271 | 3046074    | 20.254 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.303 | 3074415    | 20.293 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.647 | 2908080    | 20.044 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.001 | 2358033    | 16.675 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.041 | 2575431    | 17.569 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.252 | 2562838    | 18.041 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

