

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041621AR\  
 Data File : FD036958.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Apr 2021 11:44  
 Operator : DD\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 16 12:15:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 11:18:39 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...      | 7.583  | 2500820    | 17.781 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.56%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.444  | 1605091    | 17.099 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.20%       |
| 11) S ortho-Terphenyl (SURR)       | 11.485 | 2543479    | 16.653 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.31%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.382  | 2747831    | 18.746 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.920  | 2857902    | 18.184 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.972  | 2801972    | 17.828 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.247  | 2596019    | 17.325 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.543  | 2693724    | 17.353 ug/ml |
| 8) T Fluorene (C16.55)             | 9.323  | 2546592    | 16.914 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.717 | 2375154    | 16.205 ug/ml |
| 10) T Anthracene (C19.43)          | 10.792 | 2302991    | 15.908 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.528 | 2217867    | 15.797 ug/ml |
| 13) T Pyrene (C20.8)               | 12.824 | 2169467    | 15.812 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.694 | 2050155    | 17.263 ug/ml |
| 15) T Chrysene (C27.41)            | 14.735 | 2124987    | 17.572 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.243 | 2143293    | 19.532 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.274 | 2078583    | 19.554 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.619 | 1995916    | 20.027 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.983 | 2108090    | 20.972 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.023 | 2134589    | 21.169 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.238 | 2147900    | 21.199 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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