

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032521AR\  
 Data File : FD036528.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Mar 2021 10:12  
 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: sample.E  
 Quant Time: Mar 26 01:28:21 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...      | 7.592  | 2929061    | 20.826 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.65%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.451  | 1948583    | 20.759 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.52%       |
| 11) S ortho-Terphenyl (SURR)       | 11.491 | 3122102    | 20.442 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.393  | 3067640    | 20.928 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.930  | 3276982    | 20.851 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.982  | 3270989    | 20.812 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.255  | 3116888    | 20.801 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.551  | 3225100    | 20.776 ug/ml |
| 8) T Flouorene (C16.55)            | 9.329  | 3116328    | 20.699 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.723 | 2996440    | 20.444 ug/ml |
| 10) T Anthracene (C19.43)          | 10.798 | 2919893    | 20.170 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.532 | 2836678    | 20.205 ug/ml |
| 13) T Pyrene (C20.8)               | 12.828 | 2760047    | 20.117 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.695 | 2366447    | 19.927 ug/ml |
| 15) T Chrysene (C27.41)            | 14.738 | 2418923    | 20.002 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.242 | 2169342    | 19.770 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.274 | 2109500    | 19.845 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.618 | 1961217    | 19.679 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.979 | 1968605    | 19.585 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.020 | 2004963    | 19.884 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.233 | 1998580    | 19.725 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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