

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051024AR\  
 Data File : FD047710.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 May 2024 00:42  
 Operator : YP/AJ  
 Sample : P2403-09  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024  
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e  
 Quant Time: May 11 04:10:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 2024  
 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...      | 7.461  | 7885347    | 50.280 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.56%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.314  | 5135093    | 49.092 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 98.18%       |
| 11) S ortho-Terphenyl (SURR)       | 11.357 | 7831264    | 41.759 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 83.52%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.270  | 297919     | 1.843 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.797  | 342214     | 2.022 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 6.846  | 370435     | 2.175 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 8.115  | 336743     | 2.065 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.410  | 358936     | 2.135 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.189  | 369930     | 2.224 ug/mlm |
| 9) T Phenanthrene (C19.36)         | 10.581 | 350488     | 2.141 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.656 | 338498     | 2.260 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.387 | 387465     | 2.335 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.681 | 377651     | 2.321 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.552 | 323629     | 2.217 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.592 | 396321     | 2.515 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.099 | 330442     | 2.212 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.129 | 355123     | 2.359 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.478 | 324267     | 2.247 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.841 | 295578     | 2.178 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.883 | 373403     | 2.608 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.088 | 310403     | 2.261 ug/mlm |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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