

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD070522AR\  
 Data File : FD043159.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Jul 2022 13:23  
 Operator : YP/AJ  
 Sample : N3214-07  
 Misc : 4 PPM WATER LOD  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022  
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e  
 Quant Time: Jul 06 05:27:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:47:50 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...      | 7.628  | 6865081    | 44.460 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 88.92%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.491  | 4610168    | 43.709 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 87.42%       |
| 11) S ortho-Terphenyl (SURR)       | 11.537 | 6992620    | 38.474 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 76.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.422  | 636007     | 3.787 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.963  | 721455     | 4.121 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.587  | 779644     | 4.452 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.368  | 711701     | 4.106 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.839 | 715911     | 4.214 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.575 | 729486     | 4.350 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.873 | 708748     | 4.349 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.744 | 653003     | 4.205 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.785 | 841855     | 5.334 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.291 | 650696     | 4.269 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.323 | 689334     | 4.710 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.671 | 599107     | 4.189 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.032 | 575745     | 4.601 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.076 | 778007     | 5.787 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.286 | 646763     | 4.959 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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