

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF015997.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 13:29
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 02:45:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 2025
 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...	8.060	6789822	59.795 ug/ml
Spiked Amount 50.000		Recovery =	119.59%
6) S 2-Fluorobiphenyl (SURR)	8.935	4648484	59.717 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.43%
11) S ortho-Terphenyl (SURR)	12.002	6893666	52.110 ug/ml
Spiked Amount 50.000		Recovery =	104.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.655	307803	2.486 ug/ml
2) T Naphthalene (C11.7)	6.329	356326	2.723 ug/ml
3) T 2-Methylnaphthalene (...)	7.426	335403	2.531 ug/mlm
5) T Acenaphthylene (C15.06)	8.731	368590	2.793 ug/mlm
7) T Acenaphthene (C15.5)	9.031	375535	2.876 ug/ml
8) T Fluorene (C16.55)	9.819	379336	2.916 ug/ml
9) T Phenanthrene (C19.36)	11.224	367305	2.832 ug/ml
10) T Anthracene (C19.43)	11.298	369466	2.861 ug/ml
12) T Fluoranthene (C21.85)	13.045	389838	2.984 ug/mlm
13) T Pyrene (C20.8)	13.343	387180	2.986 ug/mlm
14) T Benzo[a]anthracene (C...	15.221	372951	2.958 ug/mlm
15) T Chrysene (C27.41)	15.263	382936	3.000 ug/mlm
16) T benzo[b]fluoranthene ...	16.779	362007	2.890 ug/ml
17) T Bnezo[k]fluoranthene ...	16.810	371478	3.135 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	350921	2.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	350231	3.140 ug/ml
20) T Dibenz[a,h]anthracene...	18.571	397379	3.413 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	337928	2.903 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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