

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF016000.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 15:01
 Operator : YP\AJ
 Sample : Q2126-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Jun 17 02:46:23 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

06/17/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----06/18/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.062	5641022	49.678 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
6) S 2-Fluorobiphenyl (SURR)	8.936	3880434	49.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.70%
11) S ortho-Terphenyl (SURR)	12.003	6003163	45.378 ug/ml
Spiked Amount 50.000		Recovery =	90.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.660	503133	4.064 ug/ml
2) T Naphthalene (C11.7)	6.332	575943	4.401 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	542333	4.093 ug/ml
5) T Acenaphthylene (C15.06)	8.734	609356	4.618 ug/ml
7) T Acenaphthene (C15.5)	9.033	628722	4.815 ug/ml
8) T Flouorene (C16.55)	9.820	633980	4.874 ug/ml
9) T Phenanthrene (C19.36)	11.226	643956	4.966 ug/ml
10) T Anthracene (C19.43)	11.301	647973	5.017 ug/ml
12) T Fluoranthene (C21.85)	13.046	682430	5.223 ug/mlm
13) T Pyrene (C20.8)	13.345	678977	5.237 ug/ml
14) T Benzo[a]anthracene (C...	15.224	662554	5.255 ug/ml
15) T Chrysene (C27.41)	15.265	680482	5.332 ug/mlm
16) T benzo[b]fluoranthene ...	16.781	644341	5.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.812	653397	5.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.161	634982	5.196 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	619787	5.556 ug/ml
20) T Dibenz[a,h]anthracene...	18.572	652600	5.605 ug/ml
21) T Benzo[g,h,i]perylene ...	18.785	597556	5.134 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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