

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049618.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 13:21
 Operator : YP/AJ
 Sample : PB169209BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169209BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 13 00:29:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.716	6002853	58.572 ug/ml
Spiked Amount 50.000		Recovery =	117.14%
6) S 2-Fluorobiphenyl (SURR)	8.582	4201948	57.525 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.05%
11) S ortho-Terphenyl (SURR)	11.628	6166738	47.511 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	3734822	36.898 ug/ml
2) T Naphthalene (C11.7)	6.050	4742606	41.363 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4778473	40.057 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5792223	46.075 ug/ml
7) T Acenaphthene (C15.5)	8.682	5875929	46.732 ug/ml
8) T Flouorene (C16.55)	9.464	6288391	49.668 ug/ml
9) T Phenanthrene (C19.36)	10.863	6446399	49.903 ug/ml
10) T Anthracene (C19.43)	10.938	5595750	45.423 ug/ml
12) T Fluoranthene (C21.85)	12.679	6585128	51.440 ug/ml
13) T Pyrene (C20.8)	12.977	6458445	50.868 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6181244	53.566 ug/ml
15) T Chrysene (C27.41)	14.894	6717274	57.372 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6073723	53.403 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	5904550	55.158 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5652217	50.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	5839311	56.649 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	5503488	50.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	5265641	48.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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