

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049646.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 15:26
 Operator : YP/AJ
 Sample : PB169364BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB169364BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Quant Time: Aug 25 01:47:47 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...	7.714	6397880	62.426 ug/ml
Spiked Amount 50.000		Recovery =	124.85%
6) S 2-Fluorobiphenyl (SURR)	8.580	4468318	61.171 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.34%
11) S ortho-Terphenyl (SURR)	11.626	6549966	50.464 ug/ml
Spiked Amount 50.000		Recovery =	100.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3912707	38.656 ug/ml
2) T Naphthalene (C11.7)	6.046	5040440	43.960 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	5108367	42.822 ug/ml
5) T Acenaphthylene (C15.06)	8.383	6201911	49.334 ug/ml
7) T Acenaphthene (C15.5)	8.680	6312523	50.205 ug/ml
8) T Flouorene (C16.55)	9.462	6707239	52.976 ug/ml
9) T Phenanthrene (C19.36)	10.861	6793344	52.589 ug/ml
10) T Anthracene (C19.43)	10.935	5742691	46.615 ug/ml
12) T Fluoranthene (C21.85)	12.676	6851078	53.517 ug/ml
13) T Pyrene (C20.8)	12.974	6708416	52.837 ug/ml
14) T Benzo[a]anthracene (C...	14.846	6235802	54.039 ug/ml
15) T Chrysene (C27.41)	14.892	6815416	58.210 ug/ml
16) T benzo[b]fluoranthene ...	16.399	6158622	54.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	5962858	55.703 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.779	5709993	51.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	5902599	57.263 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	5626465	51.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	5344496	48.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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