

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049320.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 13:01
 Operator : YP/AJ
 Sample : PB167903BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167903BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e

Quant Time: May 09 10:00:36 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M

Quant Title : GC Extractables

QLast Update : Thu May 01 13:29:48 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...	7.742	7300671	61.573 ug/ml
Spiked Amount 50.000		Recovery =	123.15%
6) S 2-Fluorobiphenyl (SURR)	8.608	5006396	63.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.79%
11) S ortho-Terphenyl (SURR)	11.652	7262675	52.620 ug/ml
Spiked Amount 50.000		Recovery =	105.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	4653200	37.268 ug/ml
2) T Naphthalene (C11.7)	6.076	5436927	41.125 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	5271228	40.861 ug/ml
5) T Acenaphthylene (C15.06)	8.411	6432919	45.570 ug/ml
7) T Acenaphthene (C15.5)	8.708	6813172	49.726 ug/ml
8) T Flouorene (C16.55)	9.489	7029682	51.645 ug/ml
9) T Phenanthrene (C19.36)	10.888	7432716	55.130 ug/ml
10) T Anthracene (C19.43)	10.964	7069170	59.772 ug/ml
12) T Fluoranthene (C21.85)	12.703	7761429	57.592 ug/ml
13) T Pyrene (C20.8)	13.002	7831116	57.890 ug/ml
14) T Benzo[a]anthracene (C...	14.873	7009293	61.193 ug/ml
15) T Chrysene (C27.41)	14.919	7558306	64.760 ug/ml
16) T benzo[b]fluoranthene ...	16.426	7083541	58.355 ug/ml
17) T Bnezo[k]fluoranthene ...	16.462	6938447	58.177 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.807	6738028	58.600 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.173	7007004	63.849 ug/ml
20) T Dibenz[a,h]anthracene...	18.212	6302568	59.675 ug/ml
21) T Benzo[g,h,i]perylene ...	18.432	6691597	56.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

