

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049245.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 18:03
 Operator : YP/AJ
 Sample : PB167513BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167513BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e

Quant Time: Apr 09 02:36:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 05:25:12 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...	7.752	6476229	43.719 ug/ml
Spiked Amount 50.000		Recovery =	87.44%
6) S 2-Fluorobiphenyl (SURR)	8.618	3112167	30.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.02%
11) S ortho-Terphenyl (SURR)	11.662	7620194	43.251 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	3010590	20.091 ug/mlm
2) T Naphthalene (C11.7)	6.087	3995250	24.401 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	4148126	25.645 ug/ml
5) T Acenaphthylene (C15.06)	8.422	5790784	32.783 ug/ml
7) T Acenaphthene (C15.5)	8.718	5482593	31.823 ug/ml
8) T Flouorene (C16.55)	9.500	6763260	38.784 ug/ml
9) T Phenanthrene (C19.36)	10.900	7141847	41.616 ug/ml
10) T Anthracene (C19.43)	10.974	6732659	42.857 ug/ml
12) T Fluoranthene (C21.85)	12.714	7456808	44.116 ug/ml
13) T Pyrene (C20.8)	13.013	7098733	42.326 ug/ml
14) T Benzo[a]anthracene (C...	14.883	6788724	47.228 ug/ml
15) T Chrysene (C27.41)	14.928	7383363	51.169 ug/ml
16) T benzo[b]fluoranthene ...	16.434	6432569	46.237 ug/ml
17) T Bnezo[k]fluoranthene ...	16.470	6379706	46.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.814	5903886	45.402 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	6271969	50.877 ug/ml
20) T Dibenz[a,h]anthracene...	18.218	5865081	46.384 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	5907837	45.254 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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