

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015514.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 13:00
 Operator : YP\AJ
 Sample : PB167231BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167231BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 21 01:06:50 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M

Quant Title : GC Extractables

QLast Update : Tue Mar 18 05:13:04 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...	7.967	6169474	50.505 ug/ml
Spiked Amount 50.000		Recovery =	101.01%
6) S 2-Fluorobiphenyl (SURR)	8.844	3230344	39.081 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.16%
11) S ortho-Terphenyl (SURR)	11.919	6231904	42.734 ug/ml
Spiked Amount 50.000		Recovery =	85.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	3244584	24.416 ug/ml
2) T Naphthalene (C11.7)	6.235	4163143	30.814 ug/ml
3) T 2-Methylnaphthalene (...)	7.336	4192405	31.429 ug/ml
5) T Acenaphthylene (C15.06)	8.643	5281759	37.293 ug/ml
7) T Acenaphthene (C15.5)	8.944	5449829	39.945 ug/ml
8) T Flouorene (C16.55)	9.737	5851559	41.916 ug/ml
9) T Phenanthrene (C19.36)	11.149	6241326	44.302 ug/ml
10) T Anthracene (C19.43)	11.225	6246958	45.651 ug/ml
12) T Fluoranthene (C21.85)	12.977	6536753	45.838 ug/mlm
13) T Pyrene (C20.8)	13.277	6621600	47.191 ug/ml
14) T Benzo[a]anthracene (C...	15.164	6639455	48.952 ug/ml
15) T Chrysene (C27.41)	15.209	7448991	53.210 ug/ml
16) T benzo[b]fluoranthene ...	16.729	6530952	49.424 ug/ml
17) T Bnezo[k]fluoranthene ...	16.764	6501707	47.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	6244407	49.795 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.488	6293938	56.569 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	5911171	45.937 ug/ml
21) T Benzo[g,h,i]perylene ...	18.744	5808184	48.606 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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