

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015525.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 20:51
 Operator : YP\AJ
 Sample : PB167245BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167245BS

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 01:01:31 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...	7.969	5648771	46.243 ug/ml
Spiked Amount 50.000		Recovery =	92.49%
6) S 2-Fluorobiphenyl (SURR)	8.847	3114618	37.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.36%
11) S ortho-Terphenyl (SURR)	11.920	6039287	41.414 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	4346715	32.710 ug/ml
2) T Naphthalene (C11.7)	6.237	5602010	41.464 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	5854855	43.892 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7280657	51.406 ug/ml
7) T Acenaphthene (C15.5)	8.949	7503069	54.994 ug/ml
8) T Fluorene (C16.55)	9.742	7917131	56.711 ug/ml
9) T Phenanthrene (C19.36)	11.153	8101741	57.507 ug/ml
10) T Anthracene (C19.43)	11.230	8274318	60.466 ug/ml
12) T Fluoranthene (C21.85)	12.982	8203379	57.525 ug/mlm
13) T Pyrene (C20.8)	13.281	8167663	58.210 ug/ml
14) T Benzo[a]anthracene (C...	15.169	7904436	58.278 ug/ml
15) T Chrysene (C27.41)	15.215	9013719	64.388 ug/ml
16) T benzo[b]fluoranthene ...	16.734	7466457	56.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	7877302	57.694 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	7258290	57.880 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	7164772	64.396 ug/ml
20) T Dibenz[a,h]anthracene...	18.533	7239769	56.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	6889604	57.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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