

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032625AR\
 Data File : FG015556.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 16:39
 Operator : YP\AJ
 Sample : PB167327BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167327BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/27/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e

Quant Time: Mar 27 02:41:42 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...	7.968	5630105	46.090 ug/ml
Spiked Amount 50.000		Recovery =	92.18%
6) S 2-Fluorobiphenyl (SURR)	8.847	3146091	38.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.12%
11) S ortho-Terphenyl (SURR)	11.921	5896815	40.437 ug/ml
Spiked Amount 50.000		Recovery =	80.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	4460883	33.569 ug/ml
2) T Naphthalene (C11.7)	6.237	5697120	42.168 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	5878344	44.068 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7253675	51.216 ug/ml
7) T Acenaphthene (C15.5)	8.949	7545072	55.302 ug/ml
8) T Fluorene (C16.55)	9.742	7813076	55.966 ug/ml
9) T Phenanthrene (C19.36)	11.154	7862143	55.806 ug/ml
10) T Anthracene (C19.43)	11.230	7862734	57.459 ug/ml
12) T Fluoranthene (C21.85)	12.983	7826677	54.884 ug/mlm
13) T Pyrene (C20.8)	13.283	7798335	55.578 ug/ml
14) T Benzo[a]anthracene (C...	15.171	7378029	54.397 ug/ml
15) T Chrysene (C27.41)	15.216	8679725	62.002 ug/ml
16) T benzo[b]fluoranthene ...	16.737	7056176	53.399 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	7447284	54.544 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.119	6985174	55.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.499	7155207	64.310 ug/ml
20) T Dibenz[a,h]anthracene...	18.537	7311979	56.822 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.758	7017752	58.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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