

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015515.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 13:29
 Operator : YP\AJ
 Sample : PB167231BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167231BSD

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 01:07:02 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	7111822	58.220 ug/ml
Spiked Amount 50.000		Recovery =	116.44%
6) S 2-Fluorobiphenyl (SURR)	8.846	3730134	45.128 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.26%
11) S ortho-Terphenyl (SURR)	11.920	7173187	49.189 ug/ml
Spiked Amount 50.000		Recovery =	98.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	3738655	28.134 ug/ml
2) T Naphthalene (C11.7)	6.236	4819274	35.670 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	4844624	36.319 ug/ml
5) T Acenaphthylene (C15.06)	8.644	6090797	43.005 ug/ml
7) T Acenaphthene (C15.5)	8.946	6280353	46.032 ug/ml
8) T Fluorene (C16.55)	9.738	6750437	48.354 ug/ml
9) T Phenanthrene (C19.36)	11.150	7213552	51.202 ug/ml
10) T Anthracene (C19.43)	11.226	7226733	52.811 ug/ml
12) T Fluoranthene (C21.85)	12.978	7559648	53.011 ug/mlm
13) T Pyrene (C20.8)	13.279	7656077	54.564 ug/ml
14) T Benzo[a]anthracene (C...	15.166	7727506	56.974 ug/ml
15) T Chrysene (C27.41)	15.211	8631506	61.657 ug/ml
16) T benzo[b]fluoranthene ...	16.730	7592471	57.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	7592053	55.604 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	7275153	58.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.491	7435241	66.827 ug/ml
20) T Dibenz[a,h]anthracene...	18.528	6843925	53.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.748	6780509	56.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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