

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015575.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 17:28
 Operator : YP\AJ
 Sample : PB167362BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167362BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
 Quant Time: Mar 29 03:13:11 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...	7.966	6984344	57.176 ug/ml
Spiked Amount 50.000		Recovery =	114.35%
6) S 2-Fluorobiphenyl (SURR)	8.844	4054890	49.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.11%
11) S ortho-Terphenyl (SURR)	11.917	6803874	46.657 ug/ml
Spiked Amount 50.000		Recovery =	93.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	4111903	30.943 ug/ml
2) T Naphthalene (C11.7)	6.233	4918214	36.403 ug/ml
3) T 2-Methylnaphthalene (...)	7.335	4763248	35.709 ug/ml
5) T Acenaphthylene (C15.06)	8.641	5691270	40.184 ug/ml
7) T Acenaphthene (C15.5)	8.943	5759916	42.218 ug/ml
8) T Flouorene (C16.55)	9.736	6103368	43.719 ug/ml
9) T Phenanthrene (C19.36)	11.147	6278124	44.563 ug/ml
10) T Anthracene (C19.43)	11.224	6290971	45.973 ug/ml
12) T Fluoranthene (C21.85)	12.976	6528436	45.780 ug/mlm
13) T Pyrene (C20.8)	13.275	6367918	45.383 ug/ml
14) T Benzo[a]anthracene (C...	15.163	6213561	45.812 ug/ml
15) T Chrysene (C27.41)	15.208	7425796	53.045 ug/ml
16) T benzo[b]fluoranthene ...	16.728	6098053	46.148 ug/ml
17) T Bnezo[k]fluoranthene ...	16.763	6581468	48.203 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	5978965	47.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	6131360	55.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	6510873	50.597 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	5969039	49.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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