

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047708.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 18:24
 Operator : YP/AJ
 Sample : PB160845BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160845BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:56:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.463	7675402	48.941 ug/ml
Spiked Amount 50.000		Recovery =	97.88%
6) S 2-Fluorobiphenyl (SURR)	8.317	4811343	45.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.99%
11) S ortho-Terphenyl (SURR)	11.358	7681798	40.962 ug/ml
Spiked Amount 50.000		Recovery =	81.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	7141477	44.170 ug/ml
2) T Naphthalene (C11.7)	5.800	8655137	51.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	9085427	53.336 ug/ml
5) T Acenaphthylene (C15.06)	8.122	9632553	59.065 ug/ml
7) T Acenaphthene (C15.5)	8.417	9460974	56.283 ug/ml
8) T Flouorene (C16.55)	9.197	9783309	58.814 ug/ml
9) T Phenanthrene (C19.36)	10.588	9827287	60.026 ug/ml
10) T Anthracene (C19.43)	10.664	9676645	64.604 ug/ml
12) T Fluoranthene (C21.85)	12.396	9733560	58.659 ug/ml
13) T Pyrene (C20.8)	12.691	9852596	60.553 ug/ml
14) T Benzo[a]anthracene (C...	14.562	9037394	61.911 ug/ml
15) T Chrysene (C27.41)	14.606	8771700	55.663 ug/ml
16) T benzo[b]fluoranthene ...	16.110	8718853	58.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	8705031	57.821 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	8426089	58.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	8707402	64.158 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	7406430	51.730 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.108	7673844	55.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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