

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047685.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 17:57
 Operator : YP/AJ
 Sample : PB160814BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160814BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:45:25 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 : Rx1-1ms
 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	8160441	52.034 ug/ml
Spiked Amount 50.000		Recovery =	104.07%
6) S 2-Fluorobiphenyl (SURR)	8.317	5050106	48.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.56%
11) S ortho-Terphenyl (SURR)	11.358	8101416	43.200 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6137796	37.963 ug/ml
2) T Naphthalene (C11.7)	5.800	7107659	42.006 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	7299475	42.852 ug/ml
5) T Acenaphthylene (C15.06)	8.120	7688112	47.142 ug/ml
7) T Acenaphthene (C15.5)	8.416	7551906	44.926 ug/ml
8) T Flouorene (C16.55)	9.195	7815130	46.982 ug/ml
9) T Phenanthrene (C19.36)	10.587	8114838	49.566 ug/ml
10) T Anthracene (C19.43)	10.662	8013324	53.499 ug/ml
12) T Fluoranthene (C21.85)	12.395	8393571	50.584 ug/ml
13) T Pyrene (C20.8)	12.690	8538717	52.478 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7913373	54.211 ug/ml
15) T Chrysene (C27.41)	14.604	7883844	50.029 ug/ml
16) T benzo[b]fluoranthene ...	16.109	7718774	51.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	7658423	50.869 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.485	7453221	51.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	7586735	55.900 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	7134075	49.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	6923043	50.424 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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