

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046360.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 16:10
 Operator : YP/AJ
 Sample : PB154951BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154951BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 17:52:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 2023
 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...	7.499	6633769	42.624 ug/ml
Spiked Amount 50.000		Recovery =	85.25%
6) S 2-Fluorobiphenyl (SURR)	8.354	4365723	42.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.31%
11) S ortho-Terphenyl (SURR)	11.391	7252115	37.803 ug/ml
Spiked Amount 50.000		Recovery =	75.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	5142515	28.919 ug/ml
2) T Naphthalene (C11.7)	5.838	5886694	31.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	6025410	33.116 ug/ml
5) T Acenaphthylene (C15.06)	8.158	6336363	38.224 ug/ml
7) T Acenaphthene (C15.5)	8.453	6225270	35.047 ug/ml
8) T Flouorene (C16.55)	9.231	6399824	37.536 ug/ml
9) T Phenanthrene (C19.36)	10.621	6492863	38.606 ug/ml
10) T Anthracene (C19.43)	10.697	6443352	43.293 ug/ml
12) T Fluoranthene (C21.85)	12.425	6579875	40.262 ug/ml
13) T Pyrene (C20.8)	12.720	6607353	41.358 ug/ml
14) T Benzo[a]anthracene (C...	14.585	6065348	42.831 ug/ml
15) T Chrysene (C27.41)	14.628	6071331	41.400 ug/ml
16) T benzo[b]fluoranthene ...	16.127	5734341	42.257 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.161	5719029	43.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	5362407	42.276 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	5360175	42.844 ug/mlm
20) T Dibenz[a,h]anthracene...	17.902	5171293	40.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	5069195	39.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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