

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048517.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 08:41
 Operator : YP/AJ
 Sample : PB164112BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164112BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e

Quant Time: Oct 16 01:37:00 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 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...	7.378	8719324	52.663 ug/ml
Spiked Amount 50.000		Recovery =	105.33%
6) S 2-Fluorobiphenyl (SURR)	8.228	5672283	54.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.39%
11) S ortho-Terphenyl (SURR)	11.264	7794957	42.365 ug/ml
Spiked Amount 50.000		Recovery =	84.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	6171495	35.214 ug/ml
2) T Naphthalene (C11.7)	5.717	7145375	38.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	7071120	37.416 ug/ml
5) T Acenaphthylene (C15.06)	8.030	7447213	38.820 ug/ml
7) T Acenaphthene (C15.5)	8.326	7771466	41.085 ug/ml
8) T Flouorene (C16.55)	9.104	7764912	42.978 ug/ml
9) T Phenanthrene (C19.36)	10.492	7677090	43.317 ug/ml
10) T Anthracene (C19.43)	10.567	7790237	43.780 ug/ml
12) T Fluoranthene (C21.85)	12.298	7729013	42.732 ug/mlm
13) T Pyrene (C20.8)	12.590	8047345	44.940 ug/ml
14) T Benzo[a]anthracene (C...	14.460	7185402	44.961 ug/ml
15) T Chrysene (C27.41)	14.504	7295718	39.113 ug/ml
16) T benzo[b]fluoranthene ...	16.008	7026896	42.193 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	7036029	41.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	6777724	41.468 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	7063609	53.699 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	6688471	39.971 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	6454861	39.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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