

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048518.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 09:18
 Operator : YP/AJ
 Sample : PB164112BSD
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164112BSD

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 01:37:12 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	8983632	54.259 ug/ml
Spiked Amount 50.000		Recovery =	108.52%
6) S 2-Fluorobiphenyl (SURR)	8.228	5850620	56.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.83%
11) S ortho-Terphenyl (SURR)	11.265	8017790	43.576 ug/ml
Spiked Amount 50.000		Recovery =	87.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	6325883	36.095 ug/ml
2) T Naphthalene (C11.7)	5.717	7346957	39.349 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	7294180	38.596 ug/ml
5) T Acenaphthylene (C15.06)	8.031	7687028	40.070 ug/ml
7) T Acenaphthene (C15.5)	8.326	8002217	42.305 ug/ml
8) T Flouorene (C16.55)	9.104	8040442	44.503 ug/ml
9) T Phenanthrene (C19.36)	10.492	7902688	44.590 ug/ml
10) T Anthracene (C19.43)	10.569	8027704	45.114 ug/ml
12) T Fluoranthene (C21.85)	12.298	7899984	43.677 ug/mlm
13) T Pyrene (C20.8)	12.591	8274241	46.207 ug/ml
14) T Benzo[a]anthracene (C...	14.460	7390347	46.243 ug/ml
15) T Chrysene (C27.41)	14.504	7492961	40.171 ug/ml
16) T benzo[b]fluoranthene ...	16.008	7226561	43.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	7220643	42.537 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	6942276	42.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	7233492	54.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	6874754	41.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	6648275	40.931 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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