

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047581.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 09:41
 Operator : YP/AJ
 Sample : PB160478BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160478BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e

Quant Time: Apr 26 01:24:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Mon Apr 01 16:48:10 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	8959985	59.933 ug/ml
Spiked Amount 50.000		Recovery =	119.87%
6) S 2-Fluorobiphenyl (SURR)	8.316	5941070	60.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.61%
11) S ortho-Terphenyl (SURR)	11.355	8308527	48.467 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6295475	39.841 ug/ml
2) T Naphthalene (C11.7)	5.801	7162397	43.769 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7353128	44.705 ug/ml
5) T Acenaphthylene (C15.06)	8.119	7631452	50.560 ug/ml
7) T Acenaphthene (C15.5)	8.415	7557552	47.187 ug/ml
8) T Flouorene (C16.55)	9.193	7614129	49.218 ug/ml
9) T Phenanthrene (C19.36)	10.584	7475022	50.242 ug/ml
10) T Anthracene (C19.43)	10.658	7354159	54.072 ug/ml
12) T Fluoranthene (C21.85)	12.389	7356267	49.762 ug/ml
13) T Pyrene (C20.8)	12.684	7429663	51.480 ug/ml
14) T Benzo[a]anthracene (C...	14.552	6952296	52.864 ug/ml
15) T Chrysene (C27.41)	14.595	6924875	49.109 ug/ml
16) T benzo[b]fluoranthene ...	16.098	6921726	49.614 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	6927042	49.803 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.475	6752793	49.182 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7015181	52.007 ug/mlm
20) T Dibenz[a,h]anthracene...	17.879	6533170	48.611 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	6388721	46.031 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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