

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046903.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 15:24
 Operator : YP/AJ
 Sample : PB157238BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB157238BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/21/2023

Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e

Quant Time: Nov 21 00:13:36 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M

Quant Title : GC Extractables

QLast Update : Sat Oct 28 02:49:53 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...	7.479	9108601	49.945 ug/ml
Spiked Amount 50.000		Recovery =	99.89%
6) S 2-Fluorobiphenyl (SURR)	8.332	5157089	43.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.64%
11) S ortho-Terphenyl (SURR)	11.371	9267000	43.763 ug/ml
Spiked Amount 50.000		Recovery =	87.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	5884575	30.470 ug/mlm
2) T Naphthalene (C11.7)	5.818	6979304	34.854 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	7319309	36.417 ug/ml
5) T Acenaphthylene (C15.06)	8.136	7893229	42.915 ug/ml
7) T Acenaphthene (C15.5)	8.432	7882894	40.242 ug/ml
8) T Flouorene (C16.55)	9.211	8108777	43.839 ug/ml
9) T Phenanthrene (C19.36)	10.600	8109021	45.580 ug/ml
10) T Anthracene (C19.43)	10.675	7787047	45.694 ug/ml
12) T Fluoranthene (C21.85)	12.403	8324586	48.200 ug/ml
13) T Pyrene (C20.8)	12.698	8287473	49.841 ug/ml
14) T Benzo[a]anthracene (C...	14.561	7251085	51.539 ug/ml
15) T Chrysene (C27.41)	14.605	7282435	46.695 ug/ml
16) T benzo[b]fluoranthene ...	16.104	7170954	50.103 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	6925726	47.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	6595372	47.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	6556936	51.904 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	5892786	42.181 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	6329524	45.332 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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