

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044688.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 16:55
 Operator : YP/AJ
 Sample : PB149873BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB149873BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2022

Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e

Quant Time: Dec 23 18:08:35 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M

Quant Title : GC Extractables

QLast Update : Tue Nov 29 00:29:41 2022

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...	7.685	6109663	47.077 ug/ml
Spiked Amount 50.000		Recovery =	94.15%
6) S 2-Fluorobiphenyl (SURR)	8.543	3964403	44.888 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.78%
11) S ortho-Terphenyl (SURR)	11.570	5826855	35.804 ug/ml
Spiked Amount 50.000		Recovery =	71.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	4394729	30.796 ug/mlm
2) T Naphthalene (C11.7)	6.033	5623194	37.400 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	5288124	35.000 ug/ml
5) T Acenaphthylene (C15.06)	8.348	6085992	43.779 ug/ml
7) T Acenaphthene (C15.5)	8.642	5551896	37.831 ug/ml
8) T Flouorene (C16.55)	9.418	6037148	41.870 ug/ml
9) T Phenanthrene (C19.36)	10.807	6366817	44.647 ug/ml
10) T Anthracene (C19.43)	10.882	6260976	45.064 ug/ml
12) T Fluoranthene (C21.85)	12.609	6614898	46.401 ug/ml
13) T Pyrene (C20.8)	12.905	6402145	46.003 ug/ml
14) T Benzo[a]anthracene (C...	14.765	6488100	50.144 ug/ml
15) T Chrysene (C27.41)	14.810	6781214	50.300 ug/ml
16) T benzo[b]fluoranthene ...	16.307	6623255	50.321 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	6246646	47.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	5782641	44.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	5753294	45.142 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	5707467	45.361 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	5646638	43.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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