

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044689.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 17:37
 Operator : YP/AJ
 Sample : PB149873BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149873BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:27:22 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	6054680	46.653 ug/ml
Spiked Amount 50.000		Recovery =	93.31%
6) S 2-Fluorobiphenyl (SURR)	8.543	3929811	44.497 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.99%
11) S ortho-Terphenyl (SURR)	11.571	5773673	35.477 ug/ml
Spiked Amount 50.000		Recovery =	70.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	4357854	30.537 ug/mlm
2) T Naphthalene (C11.7)	6.033	5573340	37.068 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	5232532	34.632 ug/ml
5) T Acenaphthylene (C15.06)	8.348	6033409	43.401 ug/ml
7) T Acenaphthene (C15.5)	8.642	5497686	37.462 ug/ml
8) T Flouorene (C16.55)	9.419	5990378	41.546 ug/ml
9) T Phenanthrene (C19.36)	10.808	6333659	44.415 ug/ml
10) T Anthracene (C19.43)	10.882	6238332	44.901 ug/ml
12) T Fluoranthene (C21.85)	12.609	6573247	46.109 ug/ml
13) T Pyrene (C20.8)	12.905	6363554	45.725 ug/ml
14) T Benzo[a]anthracene (C...	14.764	6513549	50.340 ug/ml
15) T Chrysene (C27.41)	14.808	6788039	50.351 ug/ml
16) T benzo[b]fluoranthene ...	16.305	6645121	50.487 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	6220851	47.772 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5810408	44.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	6077302	47.684 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	6099421	48.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	5926526	46.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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