

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AR\
 Data File : FD042227.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 13:46
 Operator : UA/NP
 Sample : PB144492BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144492BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2022

Supervised By :mohammad ahmed 05/04/2022

Integration File: autoint1.e

Quant Time: May 02 20:13:06 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.347	6726174	47.987 ug/ml
Spiked Amount 50.000		Recovery =	95.97%
6) S 2-Fluorobiphenyl (SURR)	8.197	4228210	59.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.68%
11) S ortho-Terphenyl (SURR)	11.224	6802653	39.247 ug/ml
Spiked Amount 50.000		Recovery =	78.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	5755916	36.973 ug/mlm
2) T Naphthalene (C11.7)	5.691	6392383	40.522 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	6382386	44.137 ug/ml
5) T Acenaphthylene (C15.06)	7.998	6441227	39.085 ug/ml
7) T Acenaphthene (C15.5)	8.292	7160395	38.139 ug/ml
8) T Flouorene (C16.55)	9.070	6965890	45.733 ug/ml
9) T Phenanthrene (C19.36)	10.457	7076722	47.659 ug/ml
10) T Anthracene (C19.43)	10.533	7388783	44.136 ug/ml
12) T Fluoranthene (C21.85)	12.260	7314254	46.629 ug/ml
13) T Pyrene (C20.8)	12.553	7206751	44.185 ug/ml
14) T Benzo[a]anthracene (C...	14.424	6660294	55.679 ug/ml
15) T Chrysene (C27.41)	14.467	6658937	36.296 ug/ml
16) T benzo[b]fluoranthene ...	15.974	6717031	51.159 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	7098425	41.059 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	6219999	42.157 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	6483206	64.954 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	6936172	44.192 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	6745851	48.710 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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