

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042297.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 22:27
 Operator : UA/NP
 Sample : N2659-03MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

22L097-CMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/05/2022

Supervised By :mohammad ahmed 05/06/2022

Integration File: autoint1.e

Quant Time: May 05 01:58:26 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...	7.346	6456836	46.065 ug/ml
Spiked Amount 50.000		Recovery =	92.13%
6) S 2-Fluorobiphenyl (SURR)	8.197	3856401	54.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.25%
11) S ortho-Terphenyl (SURR)	11.224	6380869	36.813 ug/ml
Spiked Amount 50.000		Recovery =	73.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	4496167	28.881 ug/mlm
2) T Naphthalene (C11.7)	5.689	5463783	34.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5622763	38.884 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5748116	34.879 ug/ml
7) T Acenaphthene (C15.5)	8.292	6557964	34.930 ug/ml
8) T Flouorene (C16.55)	9.070	6622759	43.480 ug/ml
9) T Phenanthrene (C19.36)	10.458	8794961	59.230 ug/ml
10) T Anthracene (C19.43)	10.532	6688186	39.951 ug/ml
12) T Fluoranthene (C21.85)	12.260	8070221	51.449 ug/ml
13) T Pyrene (C20.8)	12.553	7522816	46.123 ug/ml
14) T Benzo[a]anthracene (C...	14.424	6288789	52.574 ug/ml
15) T Chrysene (C27.41)	14.466	6340661	34.561 ug/ml
16) T benzo[b]fluoranthene ...	15.975	6085053	46.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	5903451	34.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	5602127	37.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	5367582	53.777 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	5574535	35.516 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	5523020	39.880 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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