

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048560.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 08:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 23 11:15:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 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...	7.373	3525385	21.293 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
6) S 2-Fluorobiphenyl (SURR)	8.224	2306789	22.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.49%
11) S ortho-Terphenyl (SURR)	11.258	3865893	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	4001432	22.832 ug/ml
2) T Naphthalene (C11.7)	5.714	4156253	22.260 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	4140663	21.910 ug/ml
5) T Acenaphthylene (C15.06)	8.026	4012235	20.914 ug/ml
7) T Acenaphthene (C15.5)	8.320	4066576	21.499 ug/ml
8) T Fluorene (C16.55)	9.099	3911944	21.652 ug/ml
9) T Phenanthrene (C19.36)	10.485	3796924	21.424 ug/ml
10) T Anthracene (C19.43)	10.560	3291716	18.499 ug/ml
12) T Fluoranthene (C21.85)	12.288	3740967	20.683 ug/ml
13) T Pyrene (C20.8)	12.582	3694361	20.631 ug/ml
14) T Benzo[a]anthracene (C...	14.451	3381231	21.157 ug/ml
15) T Chrysene (C27.41)	14.492	3532694	18.939 ug/ml
16) T benzo[b]fluoranthene ...	15.997	3540329	21.258 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.029	3404860	20.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3490880	21.358 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	3090975	23.498 ug/mlm
20) T Dibenz[a,h]anthracene...	17.776	3790233	22.651 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3517298	21.655 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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