

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100824AR\
 Data File : FD048441.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2024 19:36
 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 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 01:33:55 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...	7.379	3385551	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.230	2171131	20.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.87%
11) S ortho-Terphenyl (SURR)	11.264	3785231	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	3784326	21.593 ug/ml
2) T Naphthalene (C11.7)	5.720	3940794	21.106 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	3947780	20.889 ug/ml
5) T Acenaphthylene (C15.06)	8.032	3869327	20.169 ug/ml
7) T Acenaphthene (C15.5)	8.326	3968718	20.981 ug/ml
8) T Flouorene (C16.55)	9.105	3779857	20.921 ug/ml
9) T Phenanthrene (C19.36)	10.492	3762177	21.228 ug/ml
10) T Anthracene (C19.43)	10.568	2976184	16.726 ug/ml
12) T Fluoranthene (C21.85)	12.295	3690836	20.406 ug/ml
13) T Pyrene (C20.8)	12.588	3607559	20.146 ug/ml
14) T Benzo[a]anthracene (C...	14.457	3231306	20.219 ug/ml
15) T Chrysene (C27.41)	14.498	3692725	19.797 ug/ml
16) T benzo[b]fluoranthene ...	16.003	3395700	20.390 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.034	3393728	19.993 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.379	3281335	20.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	2700528	20.530 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	3574805	21.363 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	3313501	20.400 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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