

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091423AR\
 Data File : FD046482.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 14:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File: autoint1.e
 Quant Time: Sep 14 16:11:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.491	3444954	20.398 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
6) S 2-Fluorobiphenyl (SURR)	8.344	2257627	20.286 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.57%
11) S ortho-Terphenyl (SURR)	11.382	4028529	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	3593362	20.449 ug/ml
2) T Naphthalene (C11.7)	5.831	3766523	20.436 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3766507	20.286 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3434432	20.181 ug/ml
7) T Acenaphthene (C15.5)	8.443	3673693	20.391 ug/ml
8) T Flouorene (C16.55)	9.221	3557628	20.342 ug/ml
9) T Phenanthrene (C19.36)	10.609	3458207	20.156 ug/ml
10) T Anthracene (C19.43)	10.684	2964773	17.575 ug/ml
12) T Fluoranthene (C21.85)	12.413	3412876	20.514 ug/ml
13) T Pyrene (C20.8)	12.707	3263346	20.247 ug/ml
14) T Benzo[a]anthracene (C...	14.612	2921145	20.763 ug/ml
15) T Chrysene (C27.41)	14.612	2921145	19.693 ug/ml
16) T benzo[b]fluoranthene ...	16.144	2765326	20.351 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	2765326	20.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2599174	19.726 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2458084	19.706 ug/mlm
20) T Dibenz[a,h]anthracene...	17.883	2627539	20.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2570794	20.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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