

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091423AR\
 Data File : FD046478.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 06:58
 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 09/14/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File: autoint1.e
 Quant Time: Sep 14 08:10:25 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	3929956	23.270 ug/ml
Spiked Amount 50.000		Recovery =	46.54%
6) S 2-Fluorobiphenyl (SURR)	8.345	2580913	23.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.38%
11) S ortho-Terphenyl (SURR)	11.382	4571303	23.308 ug/ml
Spiked Amount 50.000		Recovery =	46.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	4091586	23.284 ug/ml
2) T Naphthalene (C11.7)	5.832	4284248	23.245 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4331139	23.327 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3915660	23.009 ug/ml
7) T Acenaphthene (C15.5)	8.444	4181813	23.212 ug/ml
8) T Flouorene (C16.55)	9.222	4054266	23.181 ug/ml
9) T Phenanthrene (C19.36)	10.611	3944314	22.989 ug/ml
10) T Anthracene (C19.43)	10.685	3414203	20.239 ug/ml
12) T Fluoranthene (C21.85)	12.413	3877113	23.304 ug/ml
13) T Pyrene (C20.8)	12.707	3706947	23.000 ug/ml
14) T Benzo[a]anthracene (C...	14.571	3159721	22.459 ug/mlm
15) T Chrysene (C27.41)	14.613	3333031	22.470 ug/ml
16) T benzo[b]fluoranthene ...	16.111	3085837	22.710 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.144	3134529	23.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2967490	22.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	2777882	22.270 ug/mlm
20) T Dibenz[a,h]anthracene...	17.884	2981497	23.794 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2901559	22.626 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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