

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046514.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 18:19
 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

Integration File: autoint1.e
 Quant Time: Sep 16 00:51:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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	3571383	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.344	2360551	20.374 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.75%
11) S ortho-Terphenyl (SURR)	11.382	4195353	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3670600	19.874 ug/ml
2) T Naphthalene (C11.7)	5.831	3872851	20.042 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3928708	20.273 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3604632	20.443 ug/ml
7) T Acenaphthene (C15.5)	8.443	3830216	20.385 ug/ml
8) T Fluorene (C16.55)	9.221	3725468	20.652 ug/ml
9) T Phenanthrene (C19.36)	10.611	3625743	20.621 ug/ml
10) T Anthracene (C19.43)	10.684	3512981	22.872 ug/ml
12) T Fluoranthene (C21.85)	12.413	3555997	20.864 ug/ml
13) T Pyrene (C20.8)	12.706	3460926	21.097 ug/ml
14) T Benzo[a]anthracene (C...	14.570	2986760	21.390 ug/ml
15) T Chrysene (C27.41)	14.612	3206421	21.122 ug/ml
16) T benzo[b]fluoranthene ...	16.112	2942334	21.451 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	2944030	21.253 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2836758	21.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2550723	20.349 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2666054	20.035 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2666714	20.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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