

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046489.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 20:06
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Sep 15 01:46:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:46:39 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...	7.490	931458	5.286 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
6) S 2-Fluorobiphenyl (SURR)	8.343	595922	5.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.29%
11) S ortho-Terphenyl (SURR)	11.379	1087437	5.338 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	995457	5.390 ug/ml
2) T Naphthalene (C11.7)	5.831	1034528	5.354 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	1018375	5.255 ug/ml
5) T Acenaphthylene (C15.06)	8.147	935009	5.303 ug/ml
7) T Acenaphthene (C15.5)	8.441	995018	5.296 ug/ml
8) T Fluorene (C16.55)	9.220	918193	5.090 ug/ml
9) T Phenanthrene (C19.36)	10.608	916204	5.211 ug/ml
10) T Anthracene (C19.43)	10.682	842767	5.487 ug/ml
12) T Fluoranthene (C21.85)	12.410	881393	5.171 ug/ml
13) T Pyrene (C20.8)	12.703	840325	5.122 ug/ml
14) T Benzo[a]anthracene (C...	14.565	707986	5.068 ug/mlm
15) T Chrysene (C27.41)	14.608	797237	5.252 ug/ml
16) T benzo[b]fluoranthene ...	16.106	700591	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	732363	5.287 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	699163	5.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	621904	4.961 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	739614	5.558 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	690555	5.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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