

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046717.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 15:00
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 02:43:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:43:22 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...	7.496	17790530	97.861 ug/ml
Spiked Amount 50.000		Recovery =	195.72%
6) S 2-Fluorobiphenyl (SURR)	8.351	11930500	99.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.08%#
11) S ortho-Terphenyl (SURR)	11.392	20588194	97.658 ug/ml
Spiked Amount 50.000		Recovery =	195.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	18308834	97.039 ug/ml
2) T Naphthalene (C11.7)	5.835	19267641	97.417 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	19528053	97.667 ug/ml
5) T Acenaphthylene (C15.06)	8.155	17722176	97.755 ug/ml
7) T Acenaphthene (C15.5)	8.453	19022720	97.776 ug/ml
8) T Fluorene (C16.55)	9.231	18650060	98.886 ug/ml
9) T Phenanthrene (C19.36)	10.621	18073445	98.936 ug/ml
10) T Anthracene (C19.43)	10.692	10413856	87.148 ug/ml
12) T Fluoranthene (C21.85)	12.427	17623507	98.596 ug/ml
13) T Pyrene (C20.8)	12.723	17044420	98.394 ug/ml
14) T Benzo[a]anthracene (C...	14.585	14386397	98.651 ug/ml
15) T Chrysene (C27.41)	14.634	15788562	98.633 ug/ml
16) T benzo[b]fluoranthene ...	16.131	14717243	99.128 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	14524035	98.097 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.509	13522475	96.919 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	13734587	100.406 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	12903399	95.536 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.127	13438255	97.244 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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