

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082823AR\
 Data File : FD046402.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 21:39
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 28 22:33:47 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...	7.496	3241535	19.194 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
6) S 2-Fluorobiphenyl (SURR)	8.350	2140289	19.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.387	3782817	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	3345907	19.041 ug/ml
2) T Naphthalene (C11.7)	5.836	3507864	19.033 ug/ml
3) T 2-Methylnaphthalene (...)	6.884	3552673	19.134 ug/ml
5) T Acenaphthylene (C15.06)	8.154	3245464	19.071 ug/ml
7) T Acenaphthene (C15.5)	8.449	3463435	19.224 ug/ml
8) T Fluorene (C16.55)	9.226	3360263	19.213 ug/ml
9) T Phenanthrene (C19.36)	10.615	3290532	19.178 ug/mlm
10) T Anthracene (C19.43)	10.690	3048525	18.071 ug/ml
12) T Fluoranthene (C21.85)	12.419	3208064	19.283 ug/ml
13) T Pyrene (C20.8)	12.713	3090752	19.177 ug/ml
14) T Benzo[a]anthracene (C...	14.576	2670701	18.983 ug/ml
15) T Chrysene (C27.41)	14.618	2825521	19.048 ug/ml
16) T benzo[b]fluoranthene ...	16.118	2591887	19.075 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.150	2603333	19.190 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	2500748	18.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.848	2343699	18.789 ug/mlm
20) T Dibenz[a,h]anthracene...	17.891	2490209	19.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	2438424	19.014 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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