

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082823AR\
 Data File : FD046394.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 13:12
 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 22:32:53 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...	7.494	3185687	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
6) S 2-Fluorobiphenyl (SURR)	8.348	2094663	18.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.64%
11) S ortho-Terphenyl (SURR)	11.387	3744539	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	3304906	18.808 ug/ml
2) T Naphthalene (C11.7)	5.833	3474305	18.851 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	3513787	18.925 ug/ml
5) T Acenaphthylene (C15.06)	8.152	3202836	18.821 ug/ml
7) T Acenaphthene (C15.5)	8.447	3385882	18.794 ug/ml
8) T Fluorene (C16.55)	9.225	3307116	18.909 ug/ml
9) T Phenanthrene (C19.36)	10.614	3237300	18.868 ug/ml
10) T Anthracene (C19.43)	10.689	2996769	17.764 ug/ml
12) T Fluoranthene (C21.85)	12.418	3174284	19.080 ug/ml
13) T Pyrene (C20.8)	12.712	3052483	18.939 ug/ml
14) T Benzo[a]anthracene (C...	14.574	2630322	18.696 ug/ml
15) T Chrysene (C27.41)	14.618	2833981	19.105 ug/ml
16) T benzo[b]fluoranthene ...	16.116	2572858	18.935 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.148	2568916	18.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	2464881	18.707 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	2287321	18.337 ug/mlm
20) T Dibenz[a,h]anthracene...	17.889	2383466	19.021 ug/ml
21) T Benzo[g,h,i]perylene ...	18.099	2406638	18.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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