

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047928.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 03:33
 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 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 05:27:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.427	3163006	22.530 ug/ml
Spiked Amount 50.000		Recovery =	45.06%
6) S 2-Fluorobiphenyl (SURR)	8.279	2093705	22.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.21%
11) S ortho-Terphenyl (SURR)	11.316	3598995	22.510 ug/ml
Spiked Amount 50.000		Recovery =	45.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	3493144	22.117 ug/ml
2) T Naphthalene (C11.7)	5.766	3681553	22.555 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	3711843	22.526 ug/ml
5) T Acenaphthylene (C15.06)	8.082	3623429	22.169 ug/ml
7) T Acenaphthene (C15.5)	8.377	3672441	22.492 ug/ml
8) T Flouorene (C16.55)	9.155	3552288	22.581 ug/ml
9) T Phenanthrene (C19.36)	10.544	3465004	22.470 ug/ml
10) T Anthracene (C19.43)	10.618	2788619	18.550 ug/ml
12) T Fluoranthene (C21.85)	12.348	3466952	22.846 ug/ml
13) T Pyrene (C20.8)	12.642	3404317	22.582 ug/ml
14) T Benzo[a]anthracene (C...	14.511	3113463	22.712 ug/mlm
15) T Chrysene (C27.41)	14.553	3232211	21.940 ug/ml
16) T benzo[b]fluoranthene ...	16.058	3289332	23.371 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.090	3152345	23.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	3122262	22.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	2719272	23.588 ug/mlm
20) T Dibenz[a,h]anthracene...	17.837	2814531	21.107 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.048	3098137	23.296 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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