

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046354.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 10:49
 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 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 15:40:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 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...	7.499	3174134	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.353	2082335	20.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.390	3930495	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3625779	20.390 ug/ml
2) T Naphthalene (C11.7)	5.839	3754652	20.372 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3736993	20.539 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3376176	20.367 ug/ml
7) T Acenaphthene (C15.5)	8.452	3626806	20.418 ug/ml
8) T Fluorene (C16.55)	9.229	3491566	20.479 ug/ml
9) T Phenanthrene (C19.36)	10.619	3441147	20.461 ug/ml
10) T Anthracene (C19.43)	10.693	2980031	20.023 ug/ml
12) T Fluoranthene (C21.85)	12.422	3336777	20.417 ug/ml
13) T Pyrene (C20.8)	12.716	3258073	20.394 ug/ml
14) T Benzo[a]anthracene (C...	14.580	2859599	20.193 ug/ml
15) T Chrysene (C27.41)	14.622	2952718	20.134 ug/ml
16) T benzo[b]fluoranthene ...	16.122	2742832	20.212 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.152	2662954	20.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	2534469	19.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	2440598	19.508 ug/mlm
20) T Dibenz[a,h]anthracene...	17.894	2454553	19.338 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	2523082	19.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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