

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060324AR\
 Data File : FD047860.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jun 2024 13:27
 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 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 05:27:44 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...	7.434	2747538	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
6) S 2-Fluorobiphenyl (SURR)	8.287	1806475	19.506 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.01%
11) S ortho-Terphenyl (SURR)	11.326	3112212	19.465 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.250	3101043	19.635 ug/ml
2) T Naphthalene (C11.7)	5.774	3230640	19.792 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	3236922	19.644 ug/ml
5) T Acenaphthylene (C15.06)	8.089	3161075	19.340 ug/ml
7) T Acenaphthene (C15.5)	8.384	3200808	19.603 ug/ml
8) T Flouorene (C16.55)	9.163	3031189	19.268 ug/ml
9) T Phenanthrene (C19.36)	10.552	2968451	19.250 ug/mlm
10) T Anthracene (C19.43)	10.627	2592109	17.242 ug/ml
12) T Fluoranthene (C21.85)	12.359	2944845	19.405 ug/ml
13) T Pyrene (C20.8)	12.653	2927074	19.416 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2632365	19.203 ug/mlm
15) T Chrysene (C27.41)	14.563	2871253	19.490 ug/ml
16) T benzo[b]fluoranthene ...	16.069	2635621	18.727 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.101	2630298	19.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	2589700	18.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	1937784	16.809 ug/mlm
20) T Dibenz[a,h]anthracene...	17.849	2459794	18.447 ug/ml
21) T Benzo[g,h,i]perylene ...	18.059	2438168	18.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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