

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061024AR\
 Data File : FD047895.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2024 09:03
 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 06/11/2024
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: sample.E
 Quant Time: Jun 10 23:26:02 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...	7.431	3115731	22.193 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
6) S 2-Fluorobiphenyl (SURR)	8.283	2018469	21.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.59%
11) S ortho-Terphenyl (SURR)	11.322	3585527	22.425 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3445045	21.813 ug/ml
2) T Naphthalene (C11.7)	5.770	3599015	22.049 ug/ml
3) T 2-Methylnaphthalene (...)	6.818	3625417	22.001 ug/ml
5) T Acenaphthylene (C15.06)	8.086	3564264	21.807 ug/ml
7) T Acenaphthene (C15.5)	8.381	3566275	21.841 ug/ml
8) T Flouorene (C16.55)	9.160	3347993	21.282 ug/ml
9) T Phenanthrene (C19.36)	10.549	3357225	21.771 ug/ml
10) T Anthracene (C19.43)	10.624	2705673	17.998 ug/ml
12) T Fluoranthene (C21.85)	12.354	3318745	21.869 ug/ml
13) T Pyrene (C20.8)	12.648	3270305	21.693 ug/ml
14) T Benzo[a]anthracene (C...	14.517	2709950	19.769 ug/mlm
15) T Chrysene (C27.41)	14.558	3130994	21.253 ug/ml
16) T benzo[b]fluoranthene ...	16.064	2851596	20.261 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.094	2804358	20.593 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2494773	18.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	1748244	15.165 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	2187589	16.405 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.052	2292156	17.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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