

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047971.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 13:09
 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 07/03/2024
 Supervised By :Ankita Jodhani 07/03/2024

Integration File: autoint1.e
 Quant Time: Jul 03 04:57:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.414	2828461	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	8.265	1855704	19.051 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.10%
11) S ortho-Terphenyl (SURR)	11.302	3204601	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3216561	20.013 ug/ml
2) T Naphthalene (C11.7)	5.753	3335785	19.699 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	3347940	19.443 ug/ml
5) T Acenaphthylene (C15.06)	8.068	3274381	19.495 ug/ml
7) T Acenaphthene (C15.5)	8.362	3297596	19.455 ug/ml
8) T Flouorene (C16.55)	9.141	3200142	19.273 ug/ml
9) T Phenanthrene (C19.36)	10.528	3095111	18.906 ug/ml
10) T Anthracene (C19.43)	10.603	3047235	18.736 ug/ml
12) T Fluoranthene (C21.85)	12.333	3107450	18.871 ug/ml
13) T Pyrene (C20.8)	12.627	3075082	18.859 ug/ml
14) T Benzo[a]anthracene (C...	14.495	2760296	17.994 ug/ml
15) T Chrysene (C27.41)	14.537	3011603	18.414 ug/ml
16) T benzo[b]fluoranthene ...	16.040	2857770	18.599 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.071	2796612	18.671 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.417	2807812	18.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779	2263951	17.218 ug/ml
20) T Dibenz[a,h]anthracene...	17.821	2728147	17.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	2813537	18.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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