

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047906.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 12:03
 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 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 05:19:25 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...	7.428	3056554	21.772 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
6) S 2-Fluorobiphenyl (SURR)	8.281	1980400	21.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.77%
11) S ortho-Terphenyl (SURR)	11.317	3470190	21.704 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	3427196	21.700 ug/ml
2) T Naphthalene (C11.7)	5.768	3611873	22.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.816	3608621	21.900 ug/ml
5) T Acenaphthylene (C15.06)	8.083	3506500	21.454 ug/ml
7) T Acenaphthene (C15.5)	8.377	3556413	21.781 ug/ml
8) T Flouorene (C16.55)	9.157	3329028	21.162 ug/ml
9) T Phenanthrene (C19.36)	10.545	3301791	21.412 ug/ml
10) T Anthracene (C19.43)	10.620	2637214	17.542 ug/ml
12) T Fluoranthene (C21.85)	12.350	3272729	21.566 ug/ml
13) T Pyrene (C20.8)	12.644	3215059	21.326 ug/ml
14) T Benzo[a]anthracene (C...	14.513	2744759	20.022 ug/mlm
15) T Chrysene (C27.41)	14.554	3219304	21.853 ug/ml
16) T benzo[b]fluoranthene ...	16.060	2870472	20.395 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.090	2824399	20.740 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.435	2708398	19.567 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	1864530	16.174 ug/mlm
20) T Dibenz[a,h]anthracene...	17.840	2750033	20.623 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	2789745	20.977 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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