

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081224AR\
 Data File : FD048215.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 08:46
 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 08/14/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File: autoint1.e
 Quant Time: Aug 13 04:21:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.397	3179346	21.392 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
6) S 2-Fluorobiphenyl (SURR)	8.248	2059153	21.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.52%
11) S ortho-Terphenyl (SURR)	11.284	3618246	21.625 ug/ml
Spiked Amount 50.000		Recovery =	43.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.217	3641252	21.745 ug/ml
2) T Naphthalene (C11.7)	5.737	3768967	21.809 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	3736223	21.538 ug/ml
5) T Acenaphthylene (C15.06)	8.051	3647805	21.286 ug/ml
7) T Acenaphthene (C15.5)	8.345	3682821	21.230 ug/ml
8) T Flouorene (C16.55)	9.124	3518892	21.665 ug/ml
9) T Phenanthrene (C19.36)	10.512	3434512	21.626 ug/ml
10) T Anthracene (C19.43)	10.586	3138934	19.879 ug/ml
12) T Fluoranthene (C21.85)	12.315	3445774	21.763 ug/ml
13) T Pyrene (C20.8)	12.609	3411525	21.574 ug/ml
14) T Benzo[a]anthracene (C...	14.477	2997230	21.953 ug/mlm
15) T Chrysene (C27.41)	14.518	3147692	19.526 ug/ml
16) T benzo[b]fluoranthene ...	16.023	3282495	22.805 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.055	3160895	21.163 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	3115538	21.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	2676336	23.729 ug/mlm
20) T Dibenz[a,h]anthracene...	17.802	3135723	21.576 ug/ml
21) T Benzo[g,h,i]perylene ...	18.012	3227016	21.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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