

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046926.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 07:27
 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 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 08:01:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.476	3729949	20.452 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.329	2482673	21.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.19%
11) S ortho-Terphenyl (SURR)	11.366	4512023	21.308 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	3803247	19.693 ug/ml
2) T Naphthalene (C11.7)	5.816	4023828	20.095 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	4102549	20.412 ug/ml
5) T Acenaphthylene (C15.06)	8.132	3823627	20.789 ug/ml
7) T Acenaphthene (C15.5)	8.427	4065591	20.755 ug/ml
8) T Flouorene (C16.55)	9.206	3973699	21.483 ug/ml
9) T Phenanthrene (C19.36)	10.594	3860428	21.699 ug/ml
10) T Anthracene (C19.43)	10.668	3670557	21.539 ug/ml
12) T Fluoranthene (C21.85)	12.397	3828359	22.166 ug/ml
13) T Pyrene (C20.8)	12.690	3730238	22.434 ug/ml
14) T Benzo[a]anthracene (C...	14.554	3116454	22.151 ug/ml
15) T Chrysene (C27.41)	14.596	3303550	21.183 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3190700	22.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3242053	22.145 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	3088287	22.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2846450	22.532 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	2913139	20.853 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.077	3005384	21.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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