

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112923AR\
 Data File : FD046982.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2023 20:35
 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 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:49:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.474	3414325	19.735 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
6) S 2-Fluorobiphenyl (SURR)	8.327	2235702	20.560 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.365	4108460	20.646 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3503505	18.830 ug/ml
2) T Naphthalene (C11.7)	5.814	3692035	19.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	3748391	19.465 ug/ml
5) T Acenaphthylene (C15.06)	8.131	3467991	19.922 ug/ml
7) T Acenaphthene (C15.5)	8.426	3715074	20.032 ug/ml
8) T Fluorene (C16.55)	9.204	3560230	20.625 ug/ml
9) T Phenanthrene (C19.36)	10.592	3424064	20.855 ug/ml
10) T Anthracene (C19.43)	10.667	3181068	20.571 ug/ml
12) T Fluoranthene (C21.85)	12.396	3354571	21.165 ug/ml
13) T Pyrene (C20.8)	12.689	3267723	21.357 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2697473	20.804 ug/mlm
15) T Chrysene (C27.41)	14.595	2932097	20.456 ug/mlm
16) T benzo[b]fluoranthene ...	16.095	2783202	20.837 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	2861618	20.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2675926	20.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2278908	19.099 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2508730	19.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	2532550	19.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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