

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046592.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2023 03:51
 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 09/27/2023
 Supervised By :Ankita Jodhani 09/27/2023

Integration File: autoint1.e
 Quant Time: Sep 27 04:36:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.489	3953592	22.435 ug/ml
Spiked Amount 50.000		Recovery =	44.87%
6) S 2-Fluorobiphenyl (SURR)	8.342	2614102	22.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.13%
11) S ortho-Terphenyl (SURR)	11.380	4653445	22.841 ug/ml
Spiked Amount 50.000		Recovery =	45.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	4094570	22.169 ug/ml
2) T Naphthalene (C11.7)	5.829	4312687	22.319 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	4359513	22.496 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3926420	22.268 ug/ml
7) T Acenaphthene (C15.5)	8.442	4236600	22.548 ug/ml
8) T Fluorene (C16.55)	9.219	4104311	22.752 ug/ml
9) T Phenanthrene (C19.36)	10.608	3998389	22.741 ug/ml
10) T Anthracene (C19.43)	10.682	3491002	22.729 ug/ml
12) T Fluoranthene (C21.85)	12.410	4031653	23.654 ug/ml
13) T Pyrene (C20.8)	12.705	3823916	23.310 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3269412	23.414 ug/ml
15) T Chrysene (C27.41)	14.610	3559284	23.447 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3199197	23.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3369090	24.321 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	3018618	22.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2802171	22.355 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	3222778	24.219 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.092	2938202	22.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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