

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046450.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 13:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
 Quant Time: Sep 12 01:09:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.492	3693776	21.871 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
6) S 2-Fluorobiphenyl (SURR)	8.346	2403870	21.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.20%
11) S ortho-Terphenyl (SURR)	11.383	4278608	21.815 ug/ml
Spiked Amount 50.000		Recovery =	43.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3899496	22.191 ug/ml
2) T Naphthalene (C11.7)	5.832	4067043	22.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4083402	21.992 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3699853	21.741 ug/ml
7) T Acenaphthene (C15.5)	8.445	3936613	21.851 ug/ml
8) T Fluorene (C16.55)	9.222	3761700	21.508 ug/ml
9) T Phenanthrene (C19.36)	10.611	3668101	21.379 ug/mlm
10) T Anthracene (C19.43)	10.686	3290627	19.506 ug/ml
12) T Fluoranthene (C21.85)	12.415	3550811	21.343 ug/ml
13) T Pyrene (C20.8)	12.709	3423176	21.239 ug/ml
14) T Benzo[a]anthracene (C...	14.572	2901027	20.620 ug/mlm
15) T Chrysene (C27.41)	14.614	3083695	20.789 ug/ml
16) T benzo[b]fluoranthene ...	16.113	2880742	21.201 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.145	2854937	21.044 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2754164	20.903 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2539526	20.359 ug/mlm
20) T Dibenz[a,h]anthracene...	17.884	2555225	20.392 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	2733261	21.313 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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