

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AR\
 Data File : FD046699.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 21:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 10 02:57:18 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...	7.488	3796663	21.544 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
6) S 2-Fluorobiphenyl (SURR)	8.342	2500051	21.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.16%
11) S ortho-Terphenyl (SURR)	11.380	4480549	21.993 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	3965893	21.472 ug/ml
2) T Naphthalene (C11.7)	5.828	4163253	21.545 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4205206	21.700 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3787577	21.481 ug/ml
7) T Acenaphthene (C15.5)	8.441	4085087	21.741 ug/ml
8) T Fluorene (C16.55)	9.219	3937219	21.826 ug/ml
9) T Phenanthrene (C19.36)	10.609	3830251	21.784 ug/ml
10) T Anthracene (C19.43)	10.683	3246379	21.136 ug/ml
12) T Fluoranthene (C21.85)	12.411	3810697	22.358 ug/ml
13) T Pyrene (C20.8)	12.705	3668449	22.362 ug/ml
14) T Benzo[a]anthracene (C...	14.569	3133692	22.442 ug/ml
15) T Chrysene (C27.41)	14.611	3473901	22.884 ug/ml
16) T benzo[b]fluoranthene ...	16.112	3124952	22.782 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	3416462	24.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2961287	22.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2763865	22.049 ug/mlm
20) T Dibenz[a,h]anthracene...	17.885	3142864	23.618 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.096	2921003	22.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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