

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045518.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 15:37
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 24 08:33:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:30:38 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...	7.552	14144015	97.831 ug/ml
Spiked Amount 50.000		Recovery =	195.66%
6) S 2-Fluorobiphenyl (SURR)	8.409	9321712	99.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.93%#
11) S ortho-Terphenyl (SURR)	11.450	17407295	97.265 ug/ml
Spiked Amount 50.000		Recovery =	194.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	15912013	94.967 ug/ml
2) T Naphthalene (C11.7)	5.892	16417580	95.929 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	16432740	97.128 ug/ml
5) T Acenaphthylene (C15.06)	8.214	14848045	98.150 ug/ml
7) T Acenaphthene (C15.5)	8.512	15919189	98.188 ug/ml
8) T Fluorene (C16.55)	9.289	15375771	99.821 ug/ml
9) T Phenanthrene (C19.36)	10.680	14792070	99.162 ug/ml
10) T Anthracene (C19.43)	10.755	11949689	92.509 ug/ml
12) T Fluoranthene (C21.85)	12.487	14455903	98.221 ug/ml
13) T Pyrene (C20.8)	12.783	14116901	98.410 ug/ml
14) T Benzo[a]anthracene (C...	14.646	12910601	98.520 ug/ml
15) T Chrysene (C27.41)	14.694	13413522	98.261 ug/ml
16) T benzo[b]fluoranthene ...	16.191	13258368	99.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	12754672	94.635 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.570	12625110	98.667 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	12340580	98.239 ug/ml
20) T Dibenzo[a,h]anthracene...	17.971	11653337	84.689 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.189	12638317	96.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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