

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045927.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 15:13
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 23 17:27:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.519	3628250	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
6) S 2-Fluorobiphenyl (SURR)	8.374	2341548	19.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.412	4289594	19.204 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	4164094	20.627 ug/ml
2) T Naphthalene (C11.7)	5.858	4255907	20.085 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	4274388	20.238 ug/ml
5) T Acenaphthylene (C15.06)	8.178	3730379	19.689 ug/ml
7) T Acenaphthene (C15.5)	8.473	3998852	19.779 ug/ml
8) T Fluorene (C16.55)	9.251	3840010	19.381 ug/ml
9) T Phenanthrene (C19.36)	10.641	3591990	18.776 ug/ml
10) T Anthracene (C19.43)	10.715	2895411	16.997 ug/ml
12) T Fluoranthene (C21.85)	12.444	3365719	18.218 ug/ml
13) T Pyrene (C20.8)	12.739	3261398	18.261 ug/ml
14) T Benzo[a]anthracene (C...	14.602	2923149	18.670 ug/ml
15) T Chrysene (C27.41)	14.645	3091335	18.737 ug/ml
16) T benzo[b]fluoranthene ...	16.144	3087790	20.402 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.177	3048756	19.692 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	2987297	20.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.877	2993333	20.437 ug/mlm
20) T Dibenz[a,h]anthracene...	17.918	3090640	20.602 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.129	3097628	20.993 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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