

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045158.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 12:48
 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 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:01:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.553	2754983	20.541 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.408	1840151	20.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.07%
11) S ortho-Terphenyl (SURR)	11.448	3379255	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3075611	20.544 ug/ml
2) T Naphthalene (C11.7)	5.893	3232251	20.587 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	3225901	20.619 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2917967	20.436 ug/ml
7) T Acenaphthene (C15.5)	8.507	3091803	20.503 ug/ml
8) T Fluorene (C16.55)	9.286	3009312	20.416 ug/ml
9) T Phenanthrene (C19.36)	10.677	2901865	20.046 ug/ml
10) T Anthracene (C19.43)	10.750	2641723	19.512 ug/ml
12) T Fluoranthene (C21.85)	12.481	2855336	19.921 ug/ml
13) T Pyrene (C20.8)	12.777	2767236	19.762 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2513958	19.761 ug/mlm
15) T Chrysene (C27.41)	14.683	2602762	19.657 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2537458	19.348 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.216	2573914	19.848 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	2536311	19.760 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	2477558	19.725 ug/mlm
20) T Dibenz[a,h]anthracene...	17.958	2492780	20.381 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	2532833	19.964 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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