

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047337.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 10:59
 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 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 01:53:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.462	3189068	20.947 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
6) S 2-Fluorobiphenyl (SURR)	8.315	2119220	20.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.93%
11) S ortho-Terphenyl (SURR)	11.352	3651147	20.702 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3298714	20.925 ug/ml
2) T Naphthalene (C11.7)	5.803	3495668	21.033 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	3530964	20.938 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3202351	20.806 ug/ml
7) T Acenaphthene (C15.5)	8.413	3421784	20.759 ug/ml
8) T Flouorene (C16.55)	9.191	3315951	20.915 ug/ml
9) T Phenanthrene (C19.36)	10.579	3190622	20.537 ug/mlm
10) T Anthracene (C19.43)	10.653	2635663	17.873 ug/ml
12) T Fluoranthene (C21.85)	12.382	3223913	20.822 ug/ml
13) T Pyrene (C20.8)	12.676	3084058	20.502 ug/ml
14) T Benzo[a]anthracene (C...	14.541	2714780	20.196 ug/ml
15) T Chrysene (C27.41)	14.582	2894078	19.764 ug/ml
16) T benzo[b]fluoranthene ...	16.084	2791209	20.272 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2840972	20.474 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	2721124	20.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	2607260	20.652 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	2617471	19.645 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.067	2735452	20.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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