

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047358.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2024 01:14
 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 03:54:34 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...	7.463	3198363	21.008 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
6) S 2-Fluorobiphenyl (SURR)	8.315	2123389	21.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.353	3720091	21.093 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3287548	20.854 ug/ml
2) T Naphthalene (C11.7)	5.803	3475620	20.913 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3513205	20.832 ug/ml
5) T Acenaphthylene (C15.06)	8.119	3215575	20.892 ug/ml
7) T Acenaphthene (C15.5)	8.414	3432390	20.824 ug/ml
8) T Flouorene (C16.55)	9.192	3353093	21.149 ug/ml
9) T Phenanthrene (C19.36)	10.580	3224507	20.756 ug/mlm
10) T Anthracene (C19.43)	10.654	2648828	17.962 ug/ml
12) T Fluoranthene (C21.85)	12.383	3270766	21.125 ug/ml
13) T Pyrene (C20.8)	12.677	3139240	20.869 ug/ml
14) T Benzo[a]anthracene (C...	14.542	2797146	20.808 ug/ml
15) T Chrysene (C27.41)	14.583	3006542	20.532 ug/mlm
16) T benzo[b]fluoranthene ...	16.084	2883160	20.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	2925848	21.086 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	2788742	20.600 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2670073	21.150 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	2838435	21.303 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2786191	21.013 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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