

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048095.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 13:43
 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 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:49:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.404	3273786	22.027 ug/ml
Spiked Amount 50.000		Recovery =	44.05%
6) S 2-Fluorobiphenyl (SURR)	8.255	2136286	22.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.15%
11) S ortho-Terphenyl (SURR)	11.294	3664495	21.901 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	3668168	21.906 ug/ml
2) T Naphthalene (C11.7)	5.744	3810282	22.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	3808947	21.957 ug/ml
5) T Acenaphthylene (C15.06)	8.058	3705928	21.625 ug/ml
7) T Acenaphthene (C15.5)	8.353	3769358	21.728 ug/ml
8) T Flouorene (C16.55)	9.131	3626173	22.326 ug/ml
9) T Phenanthrene (C19.36)	10.520	3524741	22.194 ug/ml
10) T Anthracene (C19.43)	10.594	2873137	18.196 ug/ml
12) T Fluoranthene (C21.85)	12.325	3568527	22.538 ug/ml
13) T Pyrene (C20.8)	12.618	3523357	22.282 ug/ml
14) T Benzo[a]anthracene (C...	14.487	3192369	23.383 ug/ml
15) T Chrysene (C27.41)	14.528	3478832	21.580 ug/ml
16) T benzo[b]fluoranthene ...	16.032	3335576	23.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	3239221	21.688 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.408	3263684	23.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	2897688	25.692 ug/mlm
20) T Dibenz[a,h]anthracene...	17.811	3463543	23.831 ug/ml
21) T Benzo[g,h,i]perylene ...	18.023	3301647	22.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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