

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103124AR\
 Data File : FG014615.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 17:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:27:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.010	2500580	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
6) S 2-Fluorobiphenyl (SURR)	8.885	1695491	19.684 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.37%
11) S ortho-Terphenyl (SURR)	11.955	2853506	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.615	2792311	20.609 ug/ml
2) T Naphthalene (C11.7)	6.285	2919979	20.348 ug/ml
3) T 2-Methylnaphthalene (...)	7.382	2947756	20.184 ug/ml
5) T Acenaphthylene (C15.06)	8.685	2873940	19.739 ug/ml
7) T Acenaphthene (C15.5)	8.985	2873688	19.857 ug/ml
8) T Flouorene (C16.55)	9.775	2823332	19.488 ug/ml
9) T Phenanthrene (C19.36)	11.182	2818057	19.146 ug/ml
10) T Anthracene (C19.43)	11.257	2612008	18.626 ug/ml
12) T Fluoranthene (C21.85)	13.004	2791688	18.876 ug/ml
13) T Pyrene (C20.8)	13.303	2765875	18.813 ug/ml
14) T Benzo[a]anthracene (C...	15.183	2613259	18.045 ug/mlm
15) T Chrysene (C27.41)	15.226	2655875	18.106 ug/ml
16) T benzo[b]fluoranthene ...	16.742	2636430	17.925 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.774	2461632	17.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	2531525	17.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	2310375	17.310 ug/mlm
20) T Dibenz[a,h]anthracene...	18.532	2477804	17.755 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	2459634	17.679 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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