

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
 Data File : FG014165.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2024 09:42
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 04 11:10:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:06:02 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...	7.891	5648100	50.003 ug/ml
Spiked Amount 50.000		Recovery =	100.01%
6) S 2-Fluorobiphenyl (SURR)	8.768	3797013	50.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.20%
11) S ortho-Terphenyl (SURR)	11.837	6530325	49.758 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	6287561	49.882 ug/ml
2) T Naphthalene (C11.7)	6.164	6543229	49.959 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	6579759	50.598 ug/ml
5) T Acenaphthylene (C15.06)	8.567	6522036	49.959 ug/ml
7) T Acenaphthene (C15.5)	8.867	6569183	49.499 ug/ml
8) T Fluorene (C16.55)	9.659	6438258	49.673 ug/ml
9) T Phenanthrene (C19.36)	11.068	6329319	50.359 ug/ml
10) T Anthracene (C19.43)	11.145	6333253	49.099 ug/ml
12) T Fluoranthene (C21.85)	12.894	6411807	49.743 ug/ml
13) T Pyrene (C20.8)	13.194	6253904	49.202 ug/mlm
14) T Benzo[a]anthracene (C...	15.080	6036682	50.529 ug/ml
15) T Chrysene (C27.41)	15.124	6322410	49.107 ug/ml
16) T benzo[b]fluoranthene ...	16.644	6190607	50.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.678	5863127	49.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.027	6062614	49.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.404	5567403	50.325 ug/ml
20) T Dibenz[a,h]anthracene...	18.442	6676261	49.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.661	6489993	49.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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