

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014240.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2024 01:28
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 04:52:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.878	2190680	19.581 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
6) S 2-Fluorobiphenyl (SURR)	8.752	1437741	19.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.49%
11) S ortho-Terphenyl (SURR)	11.819	2627288	19.491 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	2456090	19.078 ug/ml
2) T Naphthalene (C11.7)	6.150	2504207	19.852 ug/ml
3) T 2-Methylnaphthalene (...)	7.249	2630962	20.657 ug/ml
5) T Acenaphthylene (C15.06)	8.549	2534530	19.500 ug/ml
7) T Acenaphthene (C15.5)	8.848	2697125	19.476 ug/ml
8) T Fluorene (C16.55)	9.641	2557009	19.727 ug/ml
9) T Phenanthrene (C19.36)	11.049	2367687	19.591 ug/ml
10) T Anthracene (C19.43)	11.125	2659200	19.167 ug/ml
12) T Fluoranthene (C21.85)	12.873	2593559	20.006 ug/ml
13) T Pyrene (C20.8)	13.170	2616936	20.042 ug/ml
14) T Benzo[a]anthracene (C...	15.055	2214473	19.466 ug/mlm
15) T Chrysene (C27.41)	15.098	2786488	19.712 ug/ml
16) T benzo[b]fluoranthene ...	16.614	2210793	19.289 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.647	2687497	19.986 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.999	2445422	19.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.372	1800901	18.219 ug/mlm
20) T Dibenz[a,h]anthracene...	18.412	3187702	21.654 ug/ml
21) T Benzo[g,h,i]perylene ...	18.626	2616770	20.021 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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