

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014280.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 14:06
 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 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e
 Quant Time: Sep 20 02:46:53 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...	7.874	2124013	18.985 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
6) S 2-Fluorobiphenyl (SURR)	8.748	1373882	18.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.74%
11) S ortho-Terphenyl (SURR)	11.814	2496960	18.524 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	2383635	18.515 ug/ml
2) T Naphthalene (C11.7)	6.145	2427830	19.247 ug/ml
3) T 2-Methylnaphthalene (...)	7.244	2511315	19.717 ug/ml
5) T Acenaphthylene (C15.06)	8.545	2427616	18.678 ug/ml
7) T Acenaphthene (C15.5)	8.844	2657341	19.188 ug/ml
8) T Flouorene (C16.55)	9.637	2460619	18.983 ug/ml
9) T Phenanthrene (C19.36)	11.045	2220580	18.373 ug/ml
10) T Anthracene (C19.43)	11.120	2613234	18.836 ug/ml
12) T Fluoranthene (C21.85)	12.869	2446787	18.874 ug/ml
13) T Pyrene (C20.8)	13.166	2475099	18.955 ug/ml
14) T Benzo[a]anthracene (C...	15.052	2074882	18.239 ug/mlm
15) T Chrysene (C27.41)	15.093	2691016	19.036 ug/ml
16) T benzo[b]fluoranthene ...	16.612	2021466	17.637 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.643	2636689	19.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.996	2331344	18.762 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.371	1594477	16.131 ug/mlm
20) T Dibenz[a,h]anthracene...	18.411	3217050	21.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	2512003	19.220 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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