

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
 Data File : FG014587.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 22:21
 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 10/31/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Oct 31 06:45:14 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...	8.012	2506078	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
6) S 2-Fluorobiphenyl (SURR)	8.887	1697637	19.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.42%
11) S ortho-Terphenyl (SURR)	11.958	2836234	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.617	2820296	20.816 ug/ml
2) T Naphthalene (C11.7)	6.287	2940961	20.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.384	2960419	20.270 ug/ml
5) T Acenaphthylene (C15.06)	8.688	2878382	19.770 ug/ml
7) T Acenaphthene (C15.5)	8.988	2876046	19.874 ug/ml
8) T Fluorene (C16.55)	9.777	2828829	19.526 ug/ml
9) T Phenanthrene (C19.36)	11.185	2812854	19.111 ug/ml
10) T Anthracene (C19.43)	11.260	2649121	18.891 ug/ml
12) T Fluoranthene (C21.85)	13.008	2770543	18.733 ug/ml
13) T Pyrene (C20.8)	13.307	2746039	18.678 ug/ml
14) T Benzo[a]anthracene (C...	15.187	2597166	17.934 ug/mlm
15) T Chrysene (C27.41)	15.230	2639234	17.993 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2543322	17.292 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.776	2454722	17.787 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.123	2532737	17.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	2330479	17.460 ug/mlm
20) T Dibenz[a,h]anthracene...	18.534	2448055	17.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	2470518	17.757 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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