

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103124AR\
 Data File : FG014597.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 06:50
 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 01:24:50 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...	8.011	2486865	19.810 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
6) S 2-Fluorobiphenyl (SURR)	8.885	1702829	19.769 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.54%
11) S ortho-Terphenyl (SURR)	11.956	2869788	19.383 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.616	2719431	20.071 ug/ml
2) T Naphthalene (C11.7)	6.285	2881227	20.078 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	2927124	20.042 ug/ml
5) T Acenaphthylene (C15.06)	8.686	2877450	19.763 ug/ml
7) T Acenaphthene (C15.5)	8.986	2875213	19.868 ug/ml
8) T Fluorene (C16.55)	9.776	2843161	19.625 ug/ml
9) T Phenanthrene (C19.36)	11.183	2847205	19.344 ug/ml
10) T Anthracene (C19.43)	11.258	2681914	19.125 ug/ml
12) T Fluoranthene (C21.85)	13.005	2823747	19.093 ug/ml
13) T Pyrene (C20.8)	13.304	2800027	19.046 ug/ml
14) T Benzo[a]anthracene (C...	15.185	2667642	18.420 ug/mlm
15) T Chrysene (C27.41)	15.228	2702229	18.422 ug/ml
16) T benzo[b]fluoranthene ...	16.740	2665123	18.120 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.775	2497078	18.094 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	2582426	18.108 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	2368819	17.748 ug/mlm
20) T Dibenz[a,h]anthracene...	18.532	2466617	17.675 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	2510849	18.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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