

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015224.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 16:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Jan 30 02:55:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

01/30/2025
 Supervised By :Ankita
 Jodhani

Compound	R.T.	Response	Conc Units
-----01/30/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.981	2892027	21.909 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
6) S 2-Fluorobiphenyl (SURR)	8.857	1969329	23.331 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.66%
11) S ortho-Terphenyl (SURR)	11.936	3257882	18.925 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	3098941	19.320 ug/ml
2) T Naphthalene (C11.7)	6.250	3232653	20.162 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	3182767	20.015 ug/ml
5) T Acenaphthylene (C15.06)	8.657	3232865	20.345 ug/ml
7) T Acenaphthene (C15.5)	8.958	3187525	19.548 ug/ml
8) T Flouorene (C16.55)	9.750	3222745	20.468 ug/ml
9) T Phenanthrene (C19.36)	11.161	3109137	19.473 ug/ml
10) T Anthracene (C19.43)	11.236	2630663	17.818 ug/ml
12) T Fluoranthene (C21.85)	12.988	3088148	18.667 ug/ml
13) T Pyrene (C20.8)	13.287	3058729	18.884 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2838046	19.024 ug/ml
15) T Chrysene (C27.41)	15.215	2888215	18.594 ug/mlm
16) T benzo[b]fluoranthene ...	16.735	2874685	19.425 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2925308	20.690 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.115	2736812	19.262 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	2697630	21.408 ug/ml
20) T Dibenz[a,h]anthracene...	18.530	3135366	21.192 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.747	2858153	21.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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