

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015228.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 19:47
 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 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:56:26 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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.981	2934518	22.231 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
6) S 2-Fluorobiphenyl (SURR)	8.857	1994839	23.633 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.27%
11) S ortho-Terphenyl (SURR)	11.936	3304482	19.196 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.572	3138115	19.564 ug/ml
2) T Naphthalene (C11.7)	6.249	3280999	20.463 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	3231748	20.323 ug/ml
5) T Acenaphthylene (C15.06)	8.656	3285832	20.679 ug/ml
7) T Acenaphthene (C15.5)	8.958	3230115	19.809 ug/ml
8) T Flouorene (C16.55)	9.750	3271976	20.780 ug/ml
9) T Phenanthrene (C19.36)	11.161	3151361	19.737 ug/ml
10) T Anthracene (C19.43)	11.236	2659759	18.015 ug/ml
12) T Fluoranthene (C21.85)	12.988	3119409	18.856 ug/ml
13) T Pyrene (C20.8)	13.287	3089199	19.072 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2859256	19.166 ug/ml
15) T Chrysene (C27.41)	15.217	2900352	18.672 ug/mlm
16) T benzo[b]fluoranthene ...	16.735	2901387	19.606 ug/ml
17) T Bnezo[k]fluoranthene ...	16.767	2905567	20.550 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.116	2755532	19.394 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	2713522	21.534 ug/ml
20) T Dibenz[a,h]anthracene...	18.532	3170409	21.429 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.747	2870620	21.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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