

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015530.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 23:47
 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

Integration File: autoint1.e
 Quant Time: Mar 21 01:02:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.967	2615120	21.408 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
6) S 2-Fluorobiphenyl (SURR)	8.844	1793583	21.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.40%
11) S ortho-Terphenyl (SURR)	11.917	3079133	21.115 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	2827907	21.281 ug/ml
2) T Naphthalene (C11.7)	6.235	2907847	21.523 ug/ml
3) T 2-Methylnaphthalene (...)	7.337	2867971	21.500 ug/ml
5) T Acenaphthylene (C15.06)	8.643	3020234	21.325 ug/ml
7) T Acenaphthene (C15.5)	8.943	2951127	21.631 ug/ml
8) T Fluorene (C16.55)	9.736	2991922	21.432 ug/ml
9) T Phenanthrene (C19.36)	11.146	2930713	20.802 ug/ml
10) T Anthracene (C19.43)	11.222	2884236	21.077 ug/ml
12) T Fluoranthene (C21.85)	12.974	2967130	20.807 ug/ml
13) T Pyrene (C20.8)	13.272	2971285	21.176 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2724111	20.085 ug/ml
15) T Chrysene (C27.41)	15.201	2969916	21.215 ug/ml
16) T benzo[b]fluoranthene ...	16.722	2600927	19.683 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2842586	20.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.104	2522982	20.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2154015	19.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.518	2775537	21.569 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2449627	20.500 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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