

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015218.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 13:08
 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 02:54:54 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	2885476	21.860 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
6) S 2-Fluorobiphenyl (SURR)	8.858	1967295	23.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.61%
11) S ortho-Terphenyl (SURR)	11.935	3260430	18.940 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	3085966	19.239 ug/ml
2) T Naphthalene (C11.7)	6.250	3228490	20.136 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	3180000	19.998 ug/ml
5) T Acenaphthylene (C15.06)	8.657	3229855	20.326 ug/ml
7) T Acenaphthene (C15.5)	8.958	3183597	19.524 ug/ml
8) T Fluorene (C16.55)	9.750	3220989	20.456 ug/ml
9) T Phenanthrene (C19.36)	11.161	3111292	19.486 ug/ml
10) T Anthracene (C19.43)	11.236	2639362	17.877 ug/ml
12) T Fluoranthene (C21.85)	12.988	3092366	18.692 ug/ml
13) T Pyrene (C20.8)	13.288	3064431	18.919 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2838340	19.026 ug/ml
15) T Chrysene (C27.41)	15.216	2861876	18.425 ug/mlm
16) T benzo[b]fluoranthene ...	16.734	2877441	19.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2835335	20.053 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.116	2740976	19.292 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	2694736	21.385 ug/ml
20) T Dibenz[a,h]anthracene...	18.529	3084925	20.851 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.747	2855695	21.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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