

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049706.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 09:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:30:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2246388	21.919 ug/ml
Spiked Amount 50.000		Recovery =	43.84%
6) S 2-Fluorobiphenyl (SURR)	8.578	1623600	22.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.45%
11) S ortho-Terphenyl (SURR)	11.624	2729576	21.030 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2157498	21.315 ug/ml
2) T Naphthalene (C11.7)	6.049	2438950	21.271 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2466147	20.673 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2693755	21.428 ug/ml
7) T Acenaphthene (C15.5)	8.677	2633997	20.949 ug/ml
8) T Fluorene (C16.55)	9.458	2739112	21.634 ug/ml
9) T Phenanthrene (C19.36)	10.857	2691573	20.836 ug/ml
10) T Anthracene (C19.43)	10.931	2389048	19.393 ug/ml
12) T Fluoranthene (C21.85)	12.671	2625490	20.509 ug/mlm
13) T Pyrene (C20.8)	12.969	2600599	20.483 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2276315	19.726 ug/ml
15) T Chrysene (C27.41)	14.882	2298239	19.629 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2256608	19.841 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2235525	20.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2132540	19.223 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2027023	19.665 ug/mlm
20) T Dibenz[a,h]anthracene...	18.174	2151496	19.739 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.389	2191178	20.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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