

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AR\
 Data File : FD048975.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 21:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 02:12:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.358	2951394	20.737 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
6) S 2-Fluorobiphenyl (SURR)	8.209	1815917	21.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.68%
11) S ortho-Terphenyl (SURR)	11.241	3342919	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3208509	20.815 ug/ml
2) T Naphthalene (C11.7)	5.698	3268424	20.909 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3247821	20.936 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3332407	20.376 ug/ml
7) T Acenaphthene (C15.5)	8.302	3405631	20.276 ug/ml
8) T Fluorene (C16.55)	9.083	3239892	20.711 ug/ml
9) T Phenanthrene (C19.36)	10.470	3160937	20.755 ug/ml
10) T Anthracene (C19.43)	10.548	2729771	17.921 ug/ml
12) T Fluoranthene (C21.85)	12.275	3235179	20.568 ug/ml
13) T Pyrene (C20.8)	12.567	3177244	20.169 ug/ml
14) T Benzo[a]anthracene (C...	14.438	2792505	21.701 ug/ml
15) T Chrysene (C27.41)	14.479	3347386	19.796 ug/ml
16) T benzo[b]fluoranthene ...	15.985	2944310	21.549 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	3225871	19.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2757460	19.812 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2131713	20.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	3223730	22.582 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	2918698	20.462 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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