

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021025AR\
 Data File : FD049069.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 11:32
 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: Feb 11 02:04:24 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...	7.352	3058215	21.488 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
6) S 2-Fluorobiphenyl (SURR)	8.201	1964402	23.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.17%
11) S ortho-Terphenyl (SURR)	11.234	3454119	21.004 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3397447	22.040 ug/ml
2) T Naphthalene (C11.7)	5.692	3456420	22.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3343479	21.553 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3451965	21.107 ug/ml
7) T Acenaphthene (C15.5)	8.296	3448990	20.534 ug/ml
8) T Fluorene (C16.55)	9.076	3394416	21.699 ug/ml
9) T Phenanthrene (C19.36)	10.462	3272008	21.484 ug/ml
10) T Anthracene (C19.43)	10.538	3221200	21.147 ug/ml
12) T Fluoranthene (C21.85)	12.265	3359789	21.360 ug/ml
13) T Pyrene (C20.8)	12.559	3272379	20.772 ug/ml
14) T Benzo[a]anthracene (C...	14.428	3007575	23.372 ug/ml
15) T Chrysene (C27.41)	14.469	3258275	19.269 ug/ml
16) T benzo[b]fluoranthene ...	16.101	3059689	22.394 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	3254948	20.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	2960273	21.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	2461021	23.598 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	3473838	24.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	3067925	21.508 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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