

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049100.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 11:30
 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 26 01:32:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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	2962018	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
6) S 2-Fluorobiphenyl (SURR)	8.203	1806255	20.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.09%
11) S ortho-Terphenyl (SURR)	11.234	3383182	20.913 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3247943	20.395 ug/ml
2) T Naphthalene (C11.7)	5.693	3317229	20.891 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3249992	20.874 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3268331	20.100 ug/ml
7) T Acenaphthene (C15.5)	8.296	3396659	20.647 ug/ml
8) T Fluorene (C16.55)	9.077	3246446	20.593 ug/ml
9) T Phenanthrene (C19.36)	10.464	3129144	20.764 ug/ml
10) T Anthracene (C19.43)	10.542	2624648	17.379 ug/ml
12) T Fluoranthene (C21.85)	12.267	3250057	21.061 ug/ml
13) T Pyrene (C20.8)	12.560	3146027	20.421 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2681452	20.408 ug/ml
15) T Chrysene (C27.41)	14.472	3061387	18.934 ug/ml
16) T benzo[b]fluoranthene ...	15.977	2863329	20.810 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3348935	21.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2640248	19.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2023526	18.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	3432247	22.124 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	2829593	19.521 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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