

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049158.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 15:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 05 23:28:42 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	2962422	20.700 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
6) S 2-Fluorobiphenyl (SURR)	8.204	1711914	19.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.233	3368553	20.823 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3253355	20.429 ug/ml
2) T Naphthalene (C11.7)	5.693	3303036	20.802 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3237744	20.796 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3324170	20.443 ug/ml
7) T Acenaphthene (C15.5)	8.295	3498038	21.264 ug/ml
8) T Fluorene (C16.55)	9.077	3204395	20.326 ug/ml
9) T Phenanthrene (C19.36)	10.464	3099383	20.566 ug/ml
10) T Anthracene (C19.43)	10.542	2775363	18.376 ug/ml
12) T Fluoranthene (C21.85)	12.269	3174723	20.573 ug/ml
13) T Pyrene (C20.8)	12.560	3098087	20.110 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2601880	19.803 ug/ml
15) T Chrysene (C27.41)	14.471	3354192	20.745 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2788979	20.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3246186	20.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2668621	19.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	1818040	16.637 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3084866	19.884 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2799254	19.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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