

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032625AR\
 Data File : FD049198.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 14:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 26 15:36:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 14:39:20 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...	7.326	3747013	20.511 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.177	2046988	21.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.58%
11) S ortho-Terphenyl (SURR)	11.204	4229686	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	3989827	20.528 ug/ml
2) T Naphthalene (C11.7)	5.667	4089035	20.504 ug/ml
3) T 2-Methylnaphthalene (...)	6.713	4083816	20.941 ug/ml
5) T Acenaphthylene (C15.06)	7.976	4252866	20.327 ug/ml
7) T Acenaphthene (C15.5)	8.268	4241955	20.110 ug/ml
8) T Fluorene (C16.55)	9.049	3942801	20.320 ug/ml
9) T Phenanthrene (C19.36)	10.435	3910610	20.748 ug/ml
10) T Anthracene (C19.43)	10.514	3935522	20.910 ug/ml
12) T Fluoranthene (C21.85)	12.239	4043775	20.794 ug/ml
13) T Pyrene (C20.8)	12.530	4115430	21.061 ug/ml
14) T Benzo[a]anthracene (C...	14.400	3384406	22.245 ug/ml
15) T Chrysene (C27.41)	14.441	4093856	20.062 ug/ml
16) T benzo[b]fluoranthene ...	15.946	3542050	22.188 ug/ml
17) T Bnezo[k]fluoranthene ...	15.978	4150294	19.972 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	3256199	20.793 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	2173633	19.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	3383853	23.791 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	3432808	21.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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