

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049166.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 20:18
 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: Mar 05 23:31:49 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...	7.353	2971940	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
6) S 2-Fluorobiphenyl (SURR)	8.206	1699653	19.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.67%
11) S ortho-Terphenyl (SURR)	11.234	3381553	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3238244	20.334 ug/ml
2) T Naphthalene (C11.7)	5.694	3285215	20.689 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3250961	20.881 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3355283	20.634 ug/ml
7) T Acenaphthene (C15.5)	8.296	3504709	21.304 ug/ml
8) T Fluorene (C16.55)	9.078	3238777	20.544 ug/ml
9) T Phenanthrene (C19.36)	10.465	3068901	20.364 ug/ml
10) T Anthracene (C19.43)	10.543	3086937	20.439 ug/ml
12) T Fluoranthene (C21.85)	12.270	3159218	20.473 ug/ml
13) T Pyrene (C20.8)	12.562	3103189	20.143 ug/ml
14) T Benzo[a]anthracene (C...	14.433	2569868	19.559 ug/ml
15) T Chrysene (C27.41)	14.474	3328013	20.583 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2726823	19.818 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3278025	20.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2775671	20.449 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	1762419	16.128 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2830246	18.243 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2772005	19.124 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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