

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049179.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 08:00
 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 11 13:57:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	2994178	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.203	1602506	20.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.24%
11) S ortho-Terphenyl (SURR)	11.231	3418782	19.558 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3359024	20.325 ug/ml
2) T Naphthalene (C11.7)	5.692	3340361	20.340 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3306759	20.171 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3410554	19.636 ug/ml
7) T Acenaphthene (C15.5)	8.294	3373912	18.024 ug/ml
8) T Fluorene (C16.55)	9.075	3254192	20.103 ug/ml
9) T Phenanthrene (C19.36)	10.462	3102729	19.726 ug/ml
10) T Anthracene (C19.43)	10.541	2949828	19.306 ug/ml
12) T Fluoranthene (C21.85)	12.267	3208323	19.879 ug/ml
13) T Pyrene (C20.8)	12.558	3216360	19.921 ug/ml
14) T Benzo[a]anthracene (C...	14.428	2527097	21.579 ug/ml
15) T Chrysene (C27.41)	14.469	3412131	21.844 ug/ml
16) T benzo[b]fluoranthene ...	15.975	2717687	20.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	3377374	20.871 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	2624098	19.052 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1595334	16.382 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	2573523	22.108 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2894163	23.393 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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