

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
 Data File : FD048863.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 03:35
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 10 06:01:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 05:59:54 2024
 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...	7.364	8039257	47.454 ug/ml
Spiked Amount 50.000		Recovery =	94.91%
6) S 2-Fluorobiphenyl (SURR)	8.214	5291629	49.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.07%
11) S ortho-Terphenyl (SURR)	11.250	8496175	47.441 ug/ml
Spiked Amount 50.000		Recovery =	94.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	9057209	47.671 ug/ml
2) T Naphthalene (C11.7)	5.705	9250047	47.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	8909043	47.902 ug/ml
5) T Acenaphthylene (C15.06)	8.018	8950507	47.757 ug/ml
7) T Acenaphthene (C15.5)	8.313	8854507	47.788 ug/ml
8) T Fluorene (C16.55)	9.091	8747897	48.259 ug/ml
9) T Phenanthrene (C19.36)	10.478	8237835	48.835 ug/ml
10) T Anthracene (C19.43)	10.554	8241212	48.074 ug/ml
12) T Fluoranthene (C21.85)	12.283	7953997	47.949 ug/ml
13) T Pyrene (C20.8)	12.576	7863607	48.425 ug/ml
14) T Benzo[a]anthracene (C...	14.446	7072378	50.784 ug/ml
15) T Chrysene (C27.41)	14.488	7315160	46.341 ug/ml
16) T benzo[b]fluoranthene ...	15.994	6901644	49.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	6959962	46.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	6619739	47.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	5859994	54.851 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	6804381	44.945 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	6690985	47.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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