

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122024AR\  
 Data File : FD048899.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Dec 2024 11:10  
 Operator : YP/AJ  
 Sample : PB165775BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB165775BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e  
 Quant Time: Dec 21 04:03:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 121024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 10 06:07:50 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.361	8441270	50.116 ug/ml
Spiked Amount 50.000		Recovery =	100.23%
6) S 2-Fluorobiphenyl (SURR)	8.211	5057775	48.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.92%
11) S ortho-Terphenyl (SURR)	11.247	7987359	44.958 ug/ml
Spiked Amount 50.000		Recovery =	89.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	5796574	30.615 ug/ml
2) T Naphthalene (C11.7)	5.701	7358939	38.512 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	7362678	39.846 ug/ml
5) T Acenaphthylene (C15.06)	8.013	8037048	43.063 ug/ml
7) T Acenaphthene (C15.5)	8.309	8773621	47.110 ug/ml
8) T Flouorene (C16.55)	9.088	8877905	49.684 ug/ml
9) T Phenanthrene (C19.36)	10.475	8702708	52.104 ug/ml
10) T Anthracene (C19.43)	10.551	8869696	52.260 ug/ml
12) T Fluoranthene (C21.85)	12.281	8660485	52.909 ug/mlm
13) T Pyrene (C20.8)	12.574	9122601	56.090 ug/ml
14) T Benzo[a]anthracene (C...	14.444	7786261	58.938 ug/ml
15) T Chrysene (C27.41)	14.487	7970670	49.372 ug/ml
16) T benzo[b]fluoranthene ...	15.993	7844868	58.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	7920356	51.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	7875529	56.941 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	7465507	70.053 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	7743038	53.390 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7312960	52.158 ug/ml
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(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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