

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048931.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 12:20
 Operator : YP/AJ
 Sample : PB166003BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166003BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e

Quant Time: Jan 10 23:15:33 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M

Quant Title : GC Extractables

QLast Update : Tue Dec 31 12:22:13 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...	7.358	6668196	41.914 ug/ml
Spiked Amount 50.000		Recovery =	83.83%
6) S 2-Fluorobiphenyl (SURR)	8.208	3717748	38.017 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.03%
11) S ortho-Terphenyl (SURR)	11.242	7018003	38.241 ug/ml
Spiked Amount 50.000		Recovery =	76.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	4511447	26.167 ug/ml
2) T Naphthalene (C11.7)	5.698	5673675	31.242 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	5672011	30.768 ug/ml
5) T Acenaphthylene (C15.06)	8.010	6835134	37.153 ug/ml
7) T Acenaphthene (C15.5)	8.305	7070177	37.257 ug/ml
8) T Fluorene (C16.55)	9.084	7209246	40.443 ug/ml
9) T Phenanthrene (C19.36)	10.472	7131194	40.664 ug/mlm
10) T Anthracene (C19.43)	10.548	7329964	43.200 ug/ml
12) T Fluoranthene (C21.85)	12.277	7433845	41.134 ug/mlm
13) T Pyrene (C20.8)	12.569	7378871	41.045 ug/ml
14) T Benzo[a]anthracene (C...	14.440	7087031	44.983 ug/ml
15) T Chrysene (C27.41)	14.482	7072825	36.615 ug/ml
16) T benzo[b]fluoranthene ...	15.990	7165828	43.335 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.024	6955152	38.392 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.365	6812437	40.887 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	6634472	49.859 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	6615275	35.870 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	6645752	39.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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