

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050225AR\
 Data File : FD049312.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2025 14:03
 Operator : YP/AJ
 Sample : PB167840BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167840BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2025
 Supervised By :mohammad ahmed 05/07/2025

Integration File: autoint1.e
 Quant Time: May 03 00:34:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.742	7685443	64.818 ug/ml
Spiked Amount 50.000		Recovery =	129.64%
6) S 2-Fluorobiphenyl (SURR)	8.608	5373602	68.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	136.09%#
11) S ortho-Terphenyl (SURR)	11.653	7914730	57.345 ug/ml
Spiked Amount 50.000		Recovery =	114.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	4816213	38.574 ug/ml
2) T Naphthalene (C11.7)	6.076	5686388	43.012 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	5542370	42.963 ug/ml
5) T Acenaphthylene (C15.06)	8.411	6847445	48.507 ug/ml
7) T Acenaphthene (C15.5)	8.708	7245753	52.884 ug/ml
8) T Fluorene (C16.55)	9.489	7626291	56.028 ug/ml
9) T Phenanthrene (C19.36)	10.889	8205734	60.863 ug/ml
10) T Anthracene (C19.43)	10.965	8007053	67.702 ug/ml
12) T Fluoranthene (C21.85)	12.705	8528804	63.286 ug/ml
13) T Pyrene (C20.8)	13.005	8580870	63.433 ug/ml
14) T Benzo[a]anthracene (C...	14.876	7790539	68.013 ug/ml
15) T Chrysene (C27.41)	14.922	8344622	71.497 ug/ml
16) T benzo[b]fluoranthene ...	16.429	7669576	63.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	7644071	64.094 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.809	7349729	63.920 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.177	7708525	70.241 ug/ml
20) T Dibenz[a,h]anthracene...	18.215	7102723	67.251 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.435	7302115	61.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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