

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048838.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 17:27
 Operator : YP/AJ
 Sample : PB165427BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165427BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Dec 07 03:10:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

12/09/2024
 Supervised By :Ankita
 Jodhani

Compound	R.T.	Response	Conc Units
-----12/09/2024			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.364	8146022	46.269 ug/ml
Spiked Amount 50.000		Recovery =	92.54%
6) S 2-Fluorobiphenyl (SURR)	8.214	5019098	43.580 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.16%
11) S ortho-Terphenyl (SURR)	11.249	8004387	41.617 ug/ml
Spiked Amount 50.000		Recovery =	83.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	4842511	25.695 ug/ml
2) T Naphthalene (C11.7)	5.703	6053171	30.951 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	6133436	32.094 ug/ml
5) T Acenaphthylene (C15.06)	8.016	6754577	34.831 ug/ml
7) T Acenaphthene (C15.5)	8.311	7305415	37.981 ug/ml
8) T Flouorene (C16.55)	9.090	7389902	38.519 ug/ml
9) T Phenanthrene (C19.36)	10.477	7490909	40.866 ug/ml
10) T Anthracene (C19.43)	10.553	7695486	41.093 ug/ml
12) T Fluoranthene (C21.85)	12.282	7607143	41.541 ug/mlm
13) T Pyrene (C20.8)	12.575	8018172	44.350 ug/ml
14) T Benzo[a]anthracene (C...	14.444	6901809	41.956 ug/ml
15) T Chrysene (C27.41)	14.487	6959994	39.768 ug/ml
16) T benzo[b]fluoranthene ...	15.994	6732668	42.851 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.027	6667120	40.853 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.368	6309288	42.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	6270529	50.761 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	6254521	39.885 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	5906702	41.396 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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