

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045687.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 14:14
 Operator : YP/AJ
 Sample : PB152853BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152853BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e
 Quant Time: May 18 16:41:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.544	7758458	45.485 ug/ml
Spiked Amount 50.000		Recovery =	90.97%
6) S 2-Fluorobiphenyl (SURR)	8.401	5008164	43.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.12%
11) S ortho-Terphenyl (SURR)	11.440	7994497	37.867 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	7157858	38.346 ug/ml
2) T Naphthalene (C11.7)	5.882	8063727	40.995 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	7989140	40.442 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8611801	47.933 ug/ml
7) T Acenaphthene (C15.5)	8.502	9060302	47.611 ug/ml
8) T Flouorene (C16.55)	9.281	8961366	47.517 ug/ml
9) T Phenanthrene (C19.36)	10.672	9124862	49.092 ug/ml
10) T Anthracene (C19.43)	10.748	9182744	51.366 ug/ml
12) T Fluoranthene (C21.85)	12.477	8979315	49.775 ug/ml
13) T Pyrene (C20.8)	12.773	8959069	51.119 ug/ml
14) T Benzo[a]anthracene (C...	14.637	8224579	51.672 ug/ml
15) T Chrysene (C27.41)	14.681	8150104	50.192 ug/ml
16) T benzo[b]fluoranthene ...	16.180	7992702	54.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	7660238	52.978 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.555	7033138	50.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6988754	55.007 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	7303872	56.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	7268362	56.508 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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