

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047597.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2024 20:42
 Operator : YP/AJ
 Sample : PB160549BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160549BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 27 00:42:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.462	8569323	57.320 ug/ml
Spiked Amount 50.000		Recovery =	114.64%
6) S 2-Fluorobiphenyl (SURR)	8.315	5536234	56.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.32%
11) S ortho-Terphenyl (SURR)	11.354	7860597	45.854 ug/ml
Spiked Amount 50.000		Recovery =	91.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6081767	38.489 ug/ml
2) T Naphthalene (C11.7)	5.799	6938832	42.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	7067994	42.971 ug/ml
5) T Acenaphthylene (C15.06)	8.118	7277381	48.214 ug/ml
7) T Acenaphthene (C15.5)	8.414	7154453	44.670 ug/ml
8) T Fluorene (C16.55)	9.193	7220575	46.674 ug/ml
9) T Phenanthrene (C19.36)	10.582	7059747	47.451 ug/ml
10) T Anthracene (C19.43)	10.658	6919036	50.873 ug/ml
12) T Fluoranthene (C21.85)	12.387	6934952	46.912 ug/ml
13) T Pyrene (C20.8)	12.682	7016307	48.616 ug/ml
14) T Benzo[a]anthracene (C...	14.550	6568132	49.943 ug/ml
15) T Chrysene (C27.41)	14.593	6563202	46.544 ug/ml
16) T benzo[b]fluoranthene ...	16.096	6566810	47.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	6812097	48.977 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.473	6454275	47.008 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	6522913	48.357 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6304010	46.905 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	6052889	43.612 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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