

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046933.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 11:59
 Operator : YP/AJ
 Sample : 05449-28MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-SED-EPH-16MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.479	9374345	51.402 ug/ml
Spiked Amount 50.000		Recovery =	102.80%
6) S 2-Fluorobiphenyl (SURR)	8.331	4494166	38.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.38%
11) S ortho-Terphenyl (SURR)	11.370	9839718	46.467 ug/ml
Spiked Amount 50.000		Recovery =	92.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	5707979	29.556 ug/mlm
2) T Naphthalene (C11.7)	5.817	6958986	34.752 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	7463755	37.136 ug/ml
5) T Acenaphthylene (C15.06)	8.136	8560662	46.543 ug/ml
7) T Acenaphthene (C15.5)	8.432	8376496	42.762 ug/ml
8) T Flouorene (C16.55)	9.210	9054508	48.952 ug/ml
9) T Phenanthrene (C19.36)	10.600	9301651	52.284 ug/ml
10) T Anthracene (C19.43)	10.675	9037765	53.033 ug/ml
12) T Fluoranthene (C21.85)	12.404	9504218	55.030 ug/ml
13) T Pyrene (C20.8)	12.698	9452258	56.846 ug/ml
14) T Benzo[a]anthracene (C...	14.562	8387011	59.612 ug/ml
15) T Chrysene (C27.41)	14.606	8418974	53.983 ug/ml
16) T benzo[b]fluoranthene ...	16.105	8099664	56.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7959722	54.368 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	7568501	53.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	7987583	63.229 ug/mlm
20) T Dibenz[a,h]anthracene...	17.880	7183920	51.423 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.095	7341309	52.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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