

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046456.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 21:14
 Operator : YP/AJ
 Sample : 04292-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e

Quant Time: Sep 12 01:10:00 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M

Quant Title : GC Extractables

QLast Update : Tue Aug 22 12:26:56 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...	7.495	10069009	59.620 ug/ml
Spiked Amount 50.000		Recovery =	119.24%
6) S 2-Fluorobiphenyl (SURR)	8.350	6537591	58.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.49%
11) S ortho-Terphenyl (SURR)	11.386	8254419	42.087 ug/ml
Spiked Amount 50.000		Recovery =	84.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	6838101	38.914 ug/ml
2) T Naphthalene (C11.7)	5.833	7998854	43.399 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	8378162	45.123 ug/ml
5) T Acenaphthylene (C15.06)	8.153	8882823	52.197 ug/ml
7) T Acenaphthene (C15.5)	8.449	8828962	49.006 ug/ml
8) T Flouorene (C16.55)	9.228	9076464	51.897 ug/ml
9) T Phenanthrene (C19.36)	10.617	9121330	53.162 ug/ml
10) T Anthracene (C19.43)	10.693	8942635	53.010 ug/ml
12) T Fluoranthene (C21.85)	12.421	9010611	54.160 ug/ml
13) T Pyrene (C20.8)	12.716	9002564	55.856 ug/ml
14) T Benzo[a]anthracene (C...	14.579	8045330	57.186 ug/ml
15) T Chrysene (C27.41)	14.624	7942622	53.546 ug/ml
16) T benzo[b]fluoranthene ...	16.122	7658282	56.360 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7457312	54.969 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	7045247	53.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	7114450	57.037 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	6498875	51.864 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	6758850	52.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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