

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046473.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 20:24
 Operator : YP/AJ
 Sample : 04392-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e

Quant Time: Sep 14 02:59:30 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...	7.514	10420382	61.701 ug/mlm
Spiked Amount 50.000		Recovery =	123.40%
6) S 2-Fluorobiphenyl (SURR)	8.373	120652499	1084.128 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	2168.26%#
11) S ortho-Terphenyl (SURR)	11.396	10621706	54.157 ug/mlm
Spiked Amount 50.000		Recovery =	108.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	41690390	237.251 ug/ml
2) T Naphthalene (C11.7)	5.847	28613039	155.246 ug/mlm
3) T 2-Methylnaphthalene (...)	6.958f	80645499	434.340 ug/mlm
5) T Acenaphthylene (C15.06)	8.166	151675593	891.277 ug/mlm
7) T Acenaphthene (C15.5)	8.497	11988794	66.545 ug/mlm
8) T Fluorene (C16.55)	9.294f	177632790	1015.661 ug/mlm
9) T Phenanthrene (C19.36)	10.628	7363806	42.919 ug/mlm
10) T Anthracene (C19.43)	10.762	91588380	542.921 ug/mlm
12) T Fluoranthene (C21.85)	12.450	39225051	235.770 ug/mlm
13) T Pyrene (C20.8)	12.763	2460225	15.264 ug/mlm
14) T Benzo[a]anthracene (C...	14.613	9080663	64.545 ug/mlm
15) T Chrysene (C27.41)	14.657	9408553	63.428 ug/mlm
16) T benzo[b]fluoranthene ...	16.134	8119665	59.756 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	7963556	58.701 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	7480942	56.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	7606916	60.985 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	7227882	57.681 ug/ml
21) T Benzo[g,h,i]perylene ...	18.115	7114413	55.477 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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