

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044796.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 23:47
 Operator : YP/AJ
 Sample : 01132-03MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EPH-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/16/2023

Supervised By :Ankita Jodhani 01/16/2023

Integration File: autoint1.e

Quant Time: Jan 16 03:13:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M

Quant Title : GC Extractables

QLast Update : Sun Dec 25 17:15:10 2022

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...	7.662	7340327	50.902 ug/ml
Spiked Amount 50.000		Recovery =	101.80%
6) S 2-Fluorobiphenyl (SURR)	8.519	4836086	49.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.64%
11) S ortho-Terphenyl (SURR)	11.547	7001845	38.863 ug/ml
Spiked Amount 50.000		Recovery =	77.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5751124	35.744 ug/ml
2) T Naphthalene (C11.7)	6.010	6238234	37.167 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	6230889	37.058 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6745538	44.474 ug/ml
7) T Acenaphthene (C15.5)	8.618	6825053	42.101 ug/ml
8) T Flouorene (C16.55)	9.394	6962906	43.688 ug/ml
9) T Phenanthrene (C19.36)	10.782	7031196	44.804 ug/ml
10) T Anthracene (C19.43)	10.857	6897459	54.851 ug/ml
12) T Fluoranthene (C21.85)	12.585	7039937	44.830 ug/ml
13) T Pyrene (C20.8)	12.880	6994474	45.691 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6719945	47.261 ug/ml
15) T Chrysene (C27.41)	14.786	6810859	44.915 ug/mlm
16) T benzo[b]fluoranthene ...	16.284	6750570	44.886 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	6359317	41.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	6013974	41.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	5971209	42.225 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	5965897	40.698 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	5915840	41.644 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

