

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046438.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 23:58
 Operator : YP/AJ
 Sample : 04255-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTE-DOVERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 03:41:11 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...	7.500	8016618	47.468 ug/mlm
Spiked Amount 50.000		Recovery =	94.94%
6) S 2-Fluorobiphenyl (SURR)	8.352	23397555	210.240 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	420.48%#
11) S ortho-Terphenyl (SURR)	11.380	6862303	34.989 ug/mlm
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	4502957	25.625 ug/ml
2) T Naphthalene (C11.7)	5.864	40946846	222.166 ug/mlm
3) T 2-Methylnaphthalene (...)	6.896	6996063	37.679 ug/mlm
5) T Acenaphthylene (C15.06)	8.168	11653910	68.481 ug/mlm
7) T Acenaphthene (C15.5)	8.478	9798591	54.388 ug/mlm
8) T Flouorene (C16.55)	9.248	100761164	576.128 ug/mlm
9) T Phenanthrene (C19.36)	10.644	3869062	22.550 ug/mlm
10) T Anthracene (C19.43)	10.727	67449507	399.830 ug/mlm
12) T Fluoranthene (C21.85)	12.435	32125292	193.096 ug/mlm
13) T Pyrene (C20.8)	12.741	1873128	11.622 ug/mlm
14) T Benzo[a]anthracene (C...	14.602	4074942	28.964 ug/mlm
15) T Chrysene (C27.41)	14.645	4185409	28.216 ug/mlm
16) T benzo[b]fluoranthene ...	16.126	3782619	27.838 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.158	3973389	29.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	3584338	27.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	3487262	27.957 ug/mlm
20) T Dibenz[a,h]anthracene...	17.892	3468220	27.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	3258858	25.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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