

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046284.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 15:35
 Operator : YP/AJ
 Sample : 03572-02
 Misc : LOQ 5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 05:45:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.501	5134607	34.350 ug/ml
Spiked Amount 50.000		Recovery =	68.70%
6) S 2-Fluorobiphenyl (SURR)	8.355	3250501	34.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.45%
11) S ortho-Terphenyl (SURR)	11.395	7406188	42.408 ug/ml
Spiked Amount 50.000		Recovery =	84.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	738978	4.056 ug/ml
2) T Naphthalene (C11.7)	5.841	726361	4.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	697589	3.964 ug/ml
5) T Acenaphthylene (C15.06)	8.157	612352	4.013 ug/ml
7) T Acenaphthene (C15.5)	8.452	665005	4.078 ug/ml
8) T Flouorene (C16.55)	9.230	600148	3.944 ug/ml
9) T Phenanthrene (C19.36)	10.619	594103	4.126 ug/ml
10) T Anthracene (C19.43)	10.693	526282	4.021 ug/ml
12) T Fluoranthene (C21.85)	12.421	596538	4.269 ug/ml
13) T Pyrene (C20.8)	12.715	591691	4.269 ug/ml
14) T Benzo[a]anthracene (C...	14.578	495160	3.772 ug/ml
15) T Chrysene (C27.41)	14.619	649742	4.608 ug/ml
16) T benzo[b]fluoranthene ...	16.119	494838	3.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	518433	3.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	439891	3.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	337848	2.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	377925	2.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	386148	3.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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