

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047706.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 17:07
 Operator : YP/AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:56:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.464	9161019	58.414 ug/ml
Spiked Amount 50.000		Recovery =	116.83%
6) S 2-Fluorobiphenyl (SURR)	8.318	6044675	57.787 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.57%
11) S ortho-Terphenyl (SURR)	11.359	9070676	48.368 ug/ml
Spiked Amount 50.000		Recovery =	96.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	749185	4.634 ug/ml
2) T Naphthalene (C11.7)	5.798	834462	4.932 ug/mlm
3) T 2-Methylnaphthalene (...)	6.847	848881	4.983 ug/mlm
5) T Acenaphthylene (C15.06)	8.117	815958	5.003 ug/mlm
7) T Acenaphthene (C15.5)	8.412	868950	5.169 ug/ml
8) T Flouorene (C16.55)	9.191	864634	5.198 ug/mlm
9) T Phenanthrene (C19.36)	10.581	826510	5.048 ug/ml
10) T Anthracene (C19.43)	10.656	804916	5.374 ug/ml
12) T Fluoranthene (C21.85)	12.388	846047	5.099 ug/ml
13) T Pyrene (C20.8)	12.682	840427	5.165 ug/ml
14) T Benzo[a]anthracene (C...	14.551	758473	5.196 ug/mlm
15) T Chrysene (C27.41)	14.591	802945	5.095 ug/mlm
16) T benzo[b]fluoranthene ...	16.098	754584	5.052 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	789238	5.242 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	690725	4.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	664327	4.895 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	730849	5.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	704267	5.129 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

