

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048166.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 19:34
 Operator : YP/AJ
 Sample : P3464-01MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TOPSOILMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 03:21:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.401	6787998	45.672 ug/ml
Spiked Amount 50.000		Recovery =	91.34%
6) S 2-Fluorobiphenyl (SURR)	8.252	4170474	44.067 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.13%
11) S ortho-Terphenyl (SURR)	11.290	6177158	36.918 ug/ml
Spiked Amount 50.000		Recovery =	73.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	5144932	30.725 ug/ml
2) T Naphthalene (C11.7)	5.740	6229731	36.049 ug/ml
3) T 2-Methylnaphthalene (...)	6.788	6956869	40.104 ug/ml
5) T Acenaphthylene (C15.06)	8.055	7506585	43.803 ug/ml
7) T Acenaphthene (C15.5)	8.351	7540505	43.467 ug/ml
8) T Fluorene (C16.55)	9.129	7657486	47.146 ug/ml
9) T Phenanthrene (C19.36)	10.518	8294700	52.229 ug/ml
10) T Anthracene (C19.43)	10.594	7638284	48.374 ug/ml
12) T Fluoranthene (C21.85)	12.324	8637731	54.555 ug/ml
13) T Pyrene (C20.8)	12.617	7886591	49.875 ug/ml
14) T Benzo[a]anthracene (C...	14.486	7162279	52.460 ug/ml
15) T Chrysene (C27.41)	14.530	7376220	45.757 ug/ml
16) T benzo[b]fluoranthene ...	16.034	7114613	49.429 ug/ml
17) T Bnezo[k]fluoranthene ...	16.068	6979243	46.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	6572488	46.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	7762183	68.822 ug/ml
20) T Dibenz[a,h]anthracene...	17.814	6801341	46.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	6225420	42.243 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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