

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048991.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:10
 Operator : YP/AJ
 Sample : Q1168-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 00:57:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.358	8533547	59.959 ug/ml
Spiked Amount 50.000		Recovery =	119.92%
6) S 2-Fluorobiphenyl (SURR)	8.208	5241725	61.604 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	123.21%
11) S ortho-Terphenyl (SURR)	11.244	8127666	49.423 ug/ml
Spiked Amount 50.000		Recovery =	98.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	683618	4.435 ug/ml
2) T Naphthalene (C11.7)	5.709	624593	3.996 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	708162	4.565 ug/ml
5) T Acenaphthylene (C15.06)	8.016	768117	4.697 ug/ml
7) T Acenaphthene (C15.5)	8.305	936297	5.574 ug/ml
8) T Fluorene (C16.55)	9.097	712353	4.554 ug/ml
9) T Phenanthrene (C19.36)	10.483	730632	4.797 ug/ml
10) T Anthracene (C19.43)	10.566	754846	4.955 ug/ml
12) T Fluoranthene (C21.85)	12.293	757516	4.816 ug/ml
13) T Pyrene (C20.8)	12.582	755424	4.795 ug/ml
14) T Benzo[a]anthracene (C...	14.460	442820	3.441 ug/ml
15) T Chrysene (C27.41)	14.495	740180	4.377 ug/mlm
16) T benzo[b]fluoranthene ...	16.006	555859	4.068 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	895656	5.530 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.404	573830	4.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	490100	4.699 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	620304	4.345 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.007	643525	4.512 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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