

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF015995.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 11:57
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 02:45:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.062	7017192	61.797 ug/ml
Spiked Amount 50.000		Recovery =	123.59%
6) S 2-Fluorobiphenyl (SURR)	8.938	4802344	61.693 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	123.39%
11) S ortho-Terphenyl (SURR)	12.004	7145330	54.012 ug/ml
Spiked Amount 50.000		Recovery =	108.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.660	317908	2.568 ug/ml
2) T Naphthalene (C11.7)	6.332	368474	2.816 ug/ml
3) T 2-Methylnaphthalene (...)	7.429	355715	2.684 ug/mlm
5) T Acenaphthylene (C15.06)	8.734	372026	2.819 ug/ml
7) T Acenaphthene (C15.5)	9.034	387599	2.968 ug/ml
8) T Fluorene (C16.55)	9.820	392640	3.019 ug/ml
9) T Phenanthrene (C19.36)	11.226	380453	2.934 ug/ml
10) T Anthracene (C19.43)	11.300	381261	2.952 ug/ml
12) T Fluoranthene (C21.85)	13.046	401893	3.076 ug/mlm
13) T Pyrene (C20.8)	13.344	399642	3.083 ug/ml
14) T Benzo[a]anthracene (C...	15.223	385289	3.056 ug/mlm
15) T Chrysene (C27.41)	15.265	398533	3.123 ug/mlm
16) T benzo[b]fluoranthene ...	16.779	377479	3.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	379224	3.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	357427	2.925 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	355281	3.185 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	372626	3.200 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	350676	3.013 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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