

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049468.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 21:22
 Operator : YP/AJ
 Sample : Q2126-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 04:16:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.734	6759428	40.662 ug/ml
Spiked Amount 50.000		Recovery =	81.32%
6) S 2-Fluorobiphenyl (SURR)	8.599	4666691	40.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.59%
11) S ortho-Terphenyl (SURR)	11.645	7116225	35.453 ug/ml
Spiked Amount 50.000		Recovery =	70.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	300927	1.891 ug/ml
2) T Naphthalene (C11.7)	6.068	359544	2.048 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	341660	1.912 ug/ml
5) T Acenaphthylene (C15.06)	8.399	389348	2.010 ug/ml
7) T Acenaphthene (C15.5)	8.695	404314	2.126 ug/ml
8) T Fluorene (C16.55)	9.474	407074	2.082 ug/ml
9) T Phenanthrene (C19.36)	10.872	407568	2.144 ug/ml
10) T Anthracene (C19.43)	10.946	396280	2.267 ug/ml
12) T Fluoranthene (C21.85)	12.685	409540	2.270 ug/ml
13) T Pyrene (C20.8)	12.983	413861	2.319 ug/ml
14) T Benzo[a]anthracene (C...	14.853	388108	2.554 ug/ml
15) T Chrysene (C27.41)	14.895	431864	2.844 ug/ml
16) T benzo[b]fluoranthene ...	16.402	384201	2.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	386466	2.693 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	375657	2.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	380852	2.982 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	388525	2.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.397	375535	2.786 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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