

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048990.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 10:33
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-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 02:40:20 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	7672370	53.908 ug/ml
Spiked Amount 50.000		Recovery =	107.82%
6) S 2-Fluorobiphenyl (SURR)	8.208	4718175	55.451 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	110.90%
11) S ortho-Terphenyl (SURR)	11.244	7520845	45.733 ug/ml
Spiked Amount 50.000		Recovery =	91.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	500906	3.250 ug/ml
2) T Naphthalene (C11.7)	5.714	490471	3.138 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	519315	3.348 ug/ml
5) T Acenaphthylene (C15.06)	8.019	578143	3.535 ug/ml
7) T Acenaphthene (C15.5)	8.306	764824	4.554 ug/ml
8) T Fluorene (C16.55)	9.102	515513	3.295 ug/ml
9) T Phenanthrene (C19.36)	10.489	516379	3.391 ug/ml
10) T Anthracene (C19.43)	10.574	500768	3.287 ug/ml
12) T Fluoranthene (C21.85)	12.297	554729	3.527 ug/ml
13) T Pyrene (C20.8)	12.586	553091	3.511 ug/ml
14) T Benzo[a]anthracene (C...	14.469	283058	2.200 ug/ml
15) T Chrysene (C27.41)	14.503	480888	2.844 ug/ml
16) T benzo[b]fluoranthene ...	16.015	405578	2.968 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	697514	4.307 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416	363880	2.614 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.794	348923	3.346 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	356757	2.499 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	388046	2.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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