

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048989.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 09:57
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 62 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 02:42:21 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...	7.357	7049152	49.529 ug/ml
Spiked Amount 50.000		Recovery =	99.06%
6) S 2-Fluorobiphenyl (SURR)	8.208	4500241	52.889 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	105.78%
11) S ortho-Terphenyl (SURR)	11.243	6597950	40.121 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	292267	1.896 ug/ml
2) T Naphthalene (C11.7)	5.722	333240	2.132 ug/mlm
3) T 2-Methylnaphthalene (...)	6.774	282170	1.819 ug/ml
5) T Acenaphthylene (C15.06)	8.023	322291	1.971 ug/ml
7) T Acenaphthene (C15.5)	8.307	467872	2.786 ug/ml
8) T Fluorene (C16.55)	9.115	282664	1.807 ug/ml
9) T Phenanthrene (C19.36)	10.507	255961	1.681 ug/ml
10) T Anthracene (C19.43)	10.595	319905	2.100 ug/mlm
12) T Fluoranthene (C21.85)	12.324	314917	2.002 ug/mlm
13) T Pyrene (C20.8)	12.605	238110	1.511 ug/ml
14) T Benzo[a]anthracene (C...	14.503	101459	0.788 ug/mlm
15) T Chrysene (C27.41)	14.535	492585	2.913 ug/mlm
16) T benzo[b]fluoranthene ...	16.048	173021	1.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	365209	2.255 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.459	93623	0.673 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.803	47051	0.451 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	114864	0.805 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.052	198343	1.391 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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