

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048465.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 23:58
 Operator : YP/AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:59:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 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...	7.379	7592660	45.858 ug/ml
Spiked Amount 50.000		Recovery =	91.72%
6) S 2-Fluorobiphenyl (SURR)	8.229	4338017	41.831 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.66%
11) S ortho-Terphenyl (SURR)	11.265	7576831	41.179 ug/ml
Spiked Amount 50.000		Recovery =	82.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	456791	2.606 ug/mlm
2) T Naphthalene (C11.7)	5.727	508209	2.722 ug/mlm
3) T 2-Methylnaphthalene (...)	6.775	561173	2.969 ug/ml
5) T Acenaphthylene (C15.06)	8.036	599305	3.124 ug/ml
7) T Acenaphthene (C15.5)	8.326	660860	3.494 ug/ml
8) T Fluorene (C16.55)	9.114	548425	3.035 ug/ml
9) T Phenanthrene (C19.36)	10.500	511120	2.884 ug/ml
10) T Anthracene (C19.43)	10.580	468672	2.634 ug/ml
12) T Fluoranthene (C21.85)	12.305	578598	3.199 ug/ml
13) T Pyrene (C20.8)	12.595	569493	3.180 ug/ml
14) T Benzo[a]anthracene (C...	14.470	371603	2.325 ug/mlm
15) T Chrysene (C27.41)	14.508	566156	3.035 ug/ml
16) T benzo[b]fluoranthene ...	16.015	418134	2.511 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.050	597224	3.518 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.407	459401	2.811 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.775	330974	2.516 ug/ml
20) T Dibenz[a,h]anthracene...	17.822	540540	3.230 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	485499	2.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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