

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047705.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 16:28
 Operator : YP/AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:55:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	9906816	63.170 ug/ml
Spiked Amount 50.000		Recovery =	126.34%
6) S 2-Fluorobiphenyl (SURR)	8.317	6551892	62.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.27%
11) S ortho-Terphenyl (SURR)	11.359	9823580	52.383 ug/ml
Spiked Amount 50.000		Recovery =	104.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	627239	3.880 ug/ml
2) T Naphthalene (C11.7)	5.799	691785	4.088 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	729122	4.280 ug/mlm
5) T Acenaphthylene (C15.06)	8.116	694910	4.261 ug/mlm
7) T Acenaphthene (C15.5)	8.411	740750	4.407 ug/ml
8) T Flouorene (C16.55)	9.190	750504	4.512 ug/mlm
9) T Phenanthrene (C19.36)	10.580	708625	4.328 ug/mlm
10) T Anthracene (C19.43)	10.655	701061	4.680 ug/ml
12) T Fluoranthene (C21.85)	12.387	736932	4.441 ug/ml
13) T Pyrene (C20.8)	12.681	733668	4.509 ug/mlm
14) T Benzo[a]anthracene (C...	14.551	656013	4.494 ug/mlm
15) T Chrysene (C27.41)	14.592	698341	4.432 ug/mlm
16) T benzo[b]fluoranthene ...	16.097	661712	4.430 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	690326	4.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	600407	4.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	585494	4.314 ug/mlm
20) T Dibenz[a,h]anthracene...	17.881	642820	4.490 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	619631	4.513 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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