

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014248.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 02:51
 Operator : YP\AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 06:37:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.902	5151882	49.095 ug/ml
Spiked Amount 50.000		Recovery =	98.19%
6) S 2-Fluorobiphenyl (SURR)	8.774	2915434	48.175 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.35%
11) S ortho-Terphenyl (SURR)	11.837	5458576	38.672 ug/ml
Spiked Amount 50.000		Recovery =	77.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	203971	1.685 ug/ml
2) T Naphthalene (C11.7)	6.183	190125	1.624 ug/mlm
3) T 2-Methylnaphthalene (...)	7.279	191515	1.719 ug/ml
5) T Acenaphthylene (C15.06)	8.573	208911	1.861 ug/mlm
7) T Acenaphthene (C15.5)	8.871	397218	3.140 ug/ml
8) T Flouorene (C16.55)	9.664	189811	1.783 ug/ml
9) T Phenanthrene (C19.36)	11.067	153504	1.482 ug/mlm
10) T Anthracene (C19.43)	11.146	147874	1.623 ug/mlm
12) T Fluoranthene (C21.85)	12.886	202962	1.783 ug/ml
13) T Pyrene (C20.8)	13.181	203586	1.823 ug/mlm
14) T Benzo[a]anthracene (C...	15.080	68113	0.899 ug/ml
15) T Chrysene (C27.41)	15.122	253933	2.309 ug/ml
16) T benzo[b]fluoranthene ...	16.632	111514	1.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.665	240997	2.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.022	126603	1.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.412	100401	1.129 ug/mlm
20) T Dibenz[a,h]anthracene...	18.446	109836	1.033 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.637	181355	1.473 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

