

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036394.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 11:42
 Operator : DD\AJ
 Sample : M1458-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
 APPROVED

Ankita
 3/18/2021 3:59:01 PM

Integration File: autoint1.e
 Quant Time: Mar 18 02:12:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.601	5115496	43.399 ug/ml
Spiked Amount 50.000		Recovery =	86.80%
6) S 2-Fluorobiphenyl (SURR)	8.460	3464685	41.632 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.26%
11) S ortho-Terphenyl (SURR)	11.500	5076981	36.036 ug/ml
Spiked Amount 50.000		Recovery =	72.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	319137	2.545 ug/ml
2) T Naphthalene (C11.7)	5.937	366459	2.704 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	396978	2.907 ug/ml
5) T Acenaphthylene (C15.06)	8.261	369741	2.748 ug/ml
7) T Acenaphthene (C15.5)	8.556	386570	2.793 ug/ml
8) T Fluorene (C16.55)	9.335	392431	2.876 ug/ml
9) T Phenanthrene (C19.36)	10.727	401717	2.916 ug/ml
10) T Anthracene (C19.43)	10.801	379779	2.829 ug/ml
12) T Fluoranthene (C21.85)	12.535	397755	2.864 ug/ml
13) T Pyrene (C20.8)	12.832	392528	2.863 ug/ml
14) T Benzo[a]anthracene (C...	14.698	355226	2.808 ug/mlm
15) T Chrysene (C27.41)	14.740	427472	3.301 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	352063	2.893 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	344878	2.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	339325	3.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	310046	2.802 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	334899	3.026 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	335000	3.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

