

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032238.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 13:02
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 4 PPM -SOIL (ARO)
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
 APPROVED

Sohil
 2/3/2020 2:39:21 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:43:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 2020
 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...	7.636	5493870	48.872 ug/ml
Spiked Amount 50.000		Recovery =	97.74%
6) S 2-Fluorobiphenyl (SURR)	8.498	3543733	45.466 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	90.93%
11) S ortho-Terphenyl (SURR)	11.536	5167056	41.631 ug/ml
Spiked Amount 50.000		Recovery =	83.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	365484	3.227 ug/ml
2) T Naphthalene (C11.7)	5.975	408993	3.362 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	417471	3.409 ug/ml
5) T Acenaphthylene (C15.06)	8.299	389513	3.254 ug/ml
7) T Acenaphthene (C15.5)	8.594	402746	3.257 ug/ml
8) T Flouorene (C16.55)	9.373	415610	3.328 ug/ml
9) T Phenanthrene (C19.36)	10.768	392060	3.105 ug/ml
10) T Anthracene (C19.43)	10.841	392793	3.137 ug/ml
12) T Fluoranthene (C21.85)	12.576	416390	3.253 ug/mlm
13) T Pyrene (C20.8)	12.874	400090	3.179 ug/ml
14) T Benzo[a]anthracene (C...	14.742	385983	3.161 ug/ml
15) T Chrysene (C27.41)	14.784	418214	3.398 ug/ml
16) T benzo[b]fluoranthene ...	16.292	401808	3.328 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	418099	3.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	363576	3.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	382552	3.330 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	429393	3.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	390238	3.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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