

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043158.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 12:36
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

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 Jodhani

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Integration File: autoint1.e
 Quant Time: Jul 06 05:27:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.629	6875438	44.527 ug/ml
Spiked Amount 50.000		Recovery =	89.05%
6) S 2-Fluorobiphenyl (SURR)	8.492	4608643	43.694 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	87.39%
11) S ortho-Terphenyl (SURR)	11.537	6973072	38.366 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	634694	3.779 ug/ml
2) T Naphthalene (C11.7)	5.963	723543	4.133 ug/ml
7) T Acenaphthene (C15.5)	8.587	777735	4.441 ug/ml
8) T Fluorene (C16.55)	9.369	708687	4.088 ug/ml
10) T Anthracene (C19.43)	10.839	726536	4.276 ug/ml
12) T Fluoranthene (C21.85)	12.575	721701	4.303 ug/ml
13) T Pyrene (C20.8)	12.871	722501	4.433 ug/mlm
14) T Benzo[a]anthracene (C...	14.740	652084	4.199 ug/mlm
15) T Chrysene (C27.41)	14.782	825822	5.232 ug/ml
16) T benzo[b]fluoranthene ...	16.289	640657	4.203 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.320	684436	4.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	602608	4.213 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.031	579264	4.629 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	767502	5.709 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	651826	4.998 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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