

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044504.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2022 04:58
 Operator : YP/AJ
 Sample : N5641-09MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SOIL-PILE-9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 01:21:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	7779721	57.492 ug/ml
Spiked Amount 50.000		Recovery =	114.98%
6) S 2-Fluorobiphenyl (SURR)	8.547	5207558	55.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.06%
11) S ortho-Terphenyl (SURR)	11.579	7324797	42.692 ug/ml
Spiked Amount 50.000		Recovery =	85.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	6969532	47.815 ug/ml
2) T Naphthalene (C11.7)	6.031	7839943	50.353 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	7821128	49.505 ug/ml
5) T Acenaphthylene (C15.06)	8.351	8112950	53.801 ug/ml
7) T Acenaphthene (C15.5)	8.647	8400214	54.287 ug/ml
8) T Flouorene (C16.55)	9.425	8541289	55.538 ug/ml
9) T Phenanthrene (C19.36)	10.817	8534133	56.751 ug/ml
10) T Anthracene (C19.43)	10.892	8529605	58.217 ug/ml
12) T Fluoranthene (C21.85)	12.621	8497349	55.914 ug/ml
13) T Pyrene (C20.8)	12.918	8407229	56.556 ug/mlm
14) T Benzo[a]anthracene (C...	14.781	8078446	57.715 ug/mlm
15) T Chrysene (C27.41)	14.825	8970436	61.251 ug/mlm
16) T benzo[b]fluoranthene ...	16.324	7878413	54.780 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.359	7428705	52.248 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	7040264	50.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	7681130	56.333 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	7307544	54.251 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	7510530	55.018 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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