

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048878.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 23:09
 Operator : YP/AJ
 Sample : P5194-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UST-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 04:30:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 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...	7.364	8595731	51.033 ug/ml
Spiked Amount 50.000		Recovery =	102.07%
6) S 2-Fluorobiphenyl (SURR)	8.214	5680203	54.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.97%
11) S ortho-Terphenyl (SURR)	11.248	4166594	23.452 ug/ml
Spiked Amount 50.000		Recovery =	46.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5167594	27.293 ug/ml
2) T Naphthalene (C11.7)	5.703	5852873	30.630 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	5688547	30.785 ug/ml
5) T Acenaphthylene (C15.06)	8.015	5848039	31.334 ug/ml
7) T Acenaphthene (C15.5)	8.311	6369439	34.201 ug/ml
8) T Fluorene (C16.55)	9.089	6189650	34.639 ug/ml
9) T Phenanthrene (C19.36)	10.477	5855963	35.060 ug/ml
10) T Anthracene (C19.43)	10.553	5782496	34.070 ug/ml
12) T Fluoranthene (C21.85)	12.282	5619561	34.331 ug/mlm
13) T Pyrene (C20.8)	12.576	5856512	36.008 ug/ml
14) T Benzo[a]anthracene (C...	14.446	4769516	36.103 ug/ml
15) T Chrysene (C27.41)	14.487	4863742	30.127 ug/ml
16) T benzo[b]fluoranthene ...	15.996	4340102	32.238 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	4439330	29.145 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	4048185	29.269 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.742	4000902	37.543 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	4012260	27.666 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	3722151	26.547 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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