

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048879.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 23:45
 Operator : YP/AJ
 Sample : P5194-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UST-1MSD

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 04:31:31 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	8641283	51.303 ug/ml
Spiked Amount 50.000		Recovery =	102.61%
6) S 2-Fluorobiphenyl (SURR)	8.215	5696200	55.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.28%
11) S ortho-Terphenyl (SURR)	11.248	4155085	23.388 ug/ml
Spiked Amount 50.000		Recovery =	46.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5206380	27.498 ug/ml
2) T Naphthalene (C11.7)	5.703	5967665	31.231 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	5704027	30.869 ug/ml
5) T Acenaphthylene (C15.06)	8.016	5839035	31.286 ug/ml
7) T Acenaphthene (C15.5)	8.311	6350798	34.101 ug/ml
8) T Flouorene (C16.55)	9.089	6181105	34.591 ug/ml
9) T Phenanthrene (C19.36)	10.477	5860643	35.088 ug/ml
10) T Anthracene (C19.43)	10.553	5793111	34.133 ug/ml
12) T Fluoranthene (C21.85)	12.283	5721379	34.953 ug/mlm
13) T Pyrene (C20.8)	12.576	5842246	35.921 ug/ml
14) T Benzo[a]anthracene (C...	14.447	4749915	35.954 ug/ml
15) T Chrysene (C27.41)	14.489	4858227	30.093 ug/ml
16) T benzo[b]fluoranthene ...	15.998	4457827	33.112 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.029	4426364	29.060 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	4127218	29.840 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	3987429	37.416 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	4019883	27.718 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	3687326	26.299 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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