

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048236.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 17:41
 Operator : YP/AJ
 Sample : PB163063BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163063BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:58:51 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.394	7277318	48.756 ug/ml
Spiked Amount 50.000		Recovery =	97.51%
6) S 2-Fluorobiphenyl (SURR)	8.245	4674929	48.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.68%
11) S ortho-Terphenyl (SURR)	11.282	7082150	42.044 ug/ml
Spiked Amount 50.000		Recovery =	84.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	6316704	37.057 ug/mlm
2) T Naphthalene (C11.7)	5.734	7193196	41.281 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	7477353	42.997 ug/ml
5) T Acenaphthylene (C15.06)	8.048	7683735	44.626 ug/ml
7) T Acenaphthene (C15.5)	8.344	7733084	44.660 ug/ml
8) T Flouorene (C16.55)	9.122	7817140	47.402 ug/ml
9) T Phenanthrene (C19.36)	10.510	8000534	49.990 ug/ml
10) T Anthracene (C19.43)	10.585	8030909	51.197 ug/ml
12) T Fluoranthene (C21.85)	12.315	9146799	57.450 ug/ml
13) T Pyrene (C20.8)	12.608	8190856	52.192 ug/ml
14) T Benzo[a]anthracene (C...	14.477	7577404	53.792 ug/ml
15) T Chrysene (C27.41)	14.521	7718083	48.420 ug/ml
16) T benzo[b]fluoranthene ...	16.024	7657462	51.576 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.059	7581963	51.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	7287355	49.483 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.767	7479143	61.186 ug/mlm
20) T Dibenz[a,h]anthracene...	17.803	7110819	46.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	7050672	46.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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