

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046338.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 19:49
 Operator : YP/AJ
 Sample : 03981-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WC081023MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :Ankita Jodhani 08/18/2023

Integration File: autoint1.e

Quant Time: Aug 16 23:47:41 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M

Quant Title : GC Extractables

QLast Update : Thu Jul 20 03:07:14 2023

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...	7.502	9493062	63.508 ug/ml
Spiked Amount 50.000		Recovery =	127.02%
6) S 2-Fluorobiphenyl (SURR)	8.357	6033970	64.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.91%
11) S ortho-Terphenyl (SURR)	11.395	7635694	43.723 ug/mlm
Spiked Amount 50.000		Recovery =	87.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	6356897	34.891 ug/ml
2) T Naphthalene (C11.7)	5.841	7614729	42.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	7827693	44.475 ug/ml
5) T Acenaphthylene (C15.06)	8.160	8239021	53.999 ug/ml
7) T Acenaphthene (C15.5)	8.458	9366599	57.442 ug/ml
8) T Flouorene (C16.55)	9.237	10187547	66.953 ug/ml
9) T Phenanthrene (C19.36)	10.639	25219174	175.137 ug/ml
10) T Anthracene (C19.43)	10.708	12794531	97.765 ug/ml
12) T Fluoranthene (C21.85)	12.451	29786325	213.167 ug/ml
13) T Pyrene (C20.8)	12.744	25641450	185.010 ug/ml
14) T Benzo[a]anthracene (C...	14.602	16441717	125.261 ug/ml
15) T Chrysene (C27.41)	14.650	15786224	111.957 ug/mlm
16) T benzo[b]fluoranthene ...	16.154	16897800	123.554 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	8874116	64.741 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.528	13469906	103.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	10564700	87.839 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	6765142	52.896 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	8996874	70.915 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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