

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046794.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 17:07
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File: autoint1.e
 Quant Time: Oct 28 02:43:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 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...	7.492	16566298	94.646 ug/ml
Spiked Amount 50.000		Recovery =	189.29%
6) S 2-Fluorobiphenyl (SURR)	8.347	11009877	95.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.45%#
11) S ortho-Terphenyl (SURR)	11.386	19241445	94.781 ug/ml
Spiked Amount 50.000		Recovery =	189.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	17177101	93.737 ug/ml
2) T Naphthalene (C11.7)	5.831	17964177	93.930 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	18159641	94.098 ug/ml
5) T Acenaphthylene (C15.06)	8.151	16750006	94.658 ug/ml
7) T Acenaphthene (C15.5)	8.449	17763954	94.418 ug/ml
8) T Flouorene (C16.55)	9.226	17281127	95.448 ug/ml
9) T Phenanthrene (C19.36)	10.615	16795187	96.226 ug/ml
10) T Anthracene (C19.43)	10.692	15996181	96.162 ug/ml
12) T Fluoranthene (C21.85)	12.421	16315515	96.472 ug/ml
13) T Pyrene (C20.8)	12.716	15792503	96.179 ug/ml
14) T Benzo[a]anthracene (C...	14.578	13640417	97.482 ug/ml
15) T Chrysene (C27.41)	14.626	14307652	95.445 ug/ml
16) T benzo[b]fluoranthene ...	16.123	13475904	95.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	13499634	96.328 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.500	13065582	95.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	12594656	98.722 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	11595704	91.317 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.118	12554697	94.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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