

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048918.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 09:12
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 01/02/2025

Integration File: autoint1.e
 Quant Time: Dec 31 11:21:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:18:57 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	15149545	96.252 ug/ml
Spiked Amount 50.000		Recovery =	192.50%
6) S 2-Fluorobiphenyl (SURR)	8.215	10261663	99.415 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.83%#
11) S ortho-Terphenyl (SURR)	11.252	17555098	96.500 ug/ml
Spiked Amount 50.000		Recovery =	193.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	16584798	97.270 ug/ml
2) T Naphthalene (C11.7)	5.704	17624022	96.447 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	17804814	96.798 ug/ml
5) T Acenaphthylene (C15.06)	8.019	17546150	96.502 ug/ml
7) T Acenaphthene (C15.5)	8.315	17688317	95.425 ug/ml
8) T Fluorene (C16.55)	9.093	17407837	97.208 ug/ml
9) T Phenanthrene (C19.36)	10.482	17374118	97.726 ug/ml
10) T Anthracene (C19.43)	10.558	16195875	96.100 ug/ml
12) T Fluoranthene (C21.85)	12.289	17579715	96.740 ug/ml
13) T Pyrene (C20.8)	12.583	17431897	96.868 ug/ml
14) T Benzo[a]anthracene (C...	14.453	16787526	99.415 ug/ml
15) T Chrysene (C27.41)	14.500	17309510	93.798 ug/ml
16) T benzo[b]fluoranthene ...	16.006	17077099	96.541 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.044	16324141	99.593 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.381	16661549	97.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	15481031	103.058 ug/mlm
20) T Dibenz[a,h]anthracene...	17.791	15669460	94.453 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.006	16103825	96.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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