

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048523.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 12:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 01:38:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.375	3337727	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
6) S 2-Fluorobiphenyl (SURR)	8.225	2200631	21.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.44%
11) S ortho-Terphenyl (SURR)	11.261	3706230	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	3796323	21.661 ug/ml
2) T Naphthalene (C11.7)	5.715	3949839	21.155 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	3937393	20.834 ug/ml
5) T Acenaphthylene (C15.06)	8.028	3850486	20.071 ug/ml
7) T Acenaphthene (C15.5)	8.322	3861222	20.413 ug/ml
8) T Fluorene (C16.55)	9.100	3723464	20.609 ug/ml
9) T Phenanthrene (C19.36)	10.488	3644840	20.566 ug/ml
10) T Anthracene (C19.43)	10.563	3443235	19.350 ug/ml
12) T Fluoranthene (C21.85)	12.291	3577070	19.777 ug/ml
13) T Pyrene (C20.8)	12.585	3510141	19.602 ug/ml
14) T Benzo[a]anthracene (C...	14.454	3247289	20.319 ug/ml
15) T Chrysene (C27.41)	14.495	3376462	18.102 ug/ml
16) T benzo[b]fluoranthene ...	16.001	3311355	19.883 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	3225677	19.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	3320244	20.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	2969766	22.577 ug/mlm
20) T Dibenz[a,h]anthracene...	17.780	3474530	20.764 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	3303723	20.340 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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