

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048923.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 12:13
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

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 13:05:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:22:13 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...	7.359	3280672	20.621 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
6) S 2-Fluorobiphenyl (SURR)	8.210	2093865	21.411 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.82%
11) S ortho-Terphenyl (SURR)	11.243	3781036	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	3604895	20.909 ug/ml
2) T Naphthalene (C11.7)	5.700	3784103	20.837 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	3808097	20.657 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3803515	20.675 ug/ml
7) T Acenaphthene (C15.5)	8.305	3888553	20.491 ug/ml
8) T Flouorene (C16.55)	9.084	3724120	20.892 ug/ml
9) T Phenanthrene (C19.36)	10.472	3673824	20.949 ug/ml
10) T Anthracene (C19.43)	10.548	3510921	20.692 ug/ml
12) T Fluoranthene (C21.85)	12.276	3752378	20.763 ug/ml
13) T Pyrene (C20.8)	12.569	3768607	20.963 ug/ml
14) T Benzo[a]anthracene (C...	14.439	3371915	21.402 ug/ml
15) T Chrysene (C27.41)	14.480	3837196	19.864 ug/ml
16) T benzo[b]fluoranthene ...	15.986	3485171	21.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	3594625	19.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3442450	20.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	2777384	20.872 ug/mlm
20) T Dibenz[a,h]anthracene...	17.768	3828969	20.762 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	3412081	20.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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