

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048915.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 22:30
 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 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 04:09:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.361	3083540	18.307 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
6) S 2-Fluorobiphenyl (SURR)	8.212	1824634	17.662 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.32%
11) S ortho-Terphenyl (SURR)	11.244	3245671	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	3526174	18.624 ug/mlm
2) T Naphthalene (C11.7)	5.701	3667561	19.193 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	3580724	19.378 ug/ml
5) T Acenaphthylene (C15.06)	8.012	3377373	18.096 ug/ml
7) T Acenaphthene (C15.5)	8.305	3514321	18.870 ug/ml
8) T Flouorene (C16.55)	9.086	3228684	18.069 ug/ml
9) T Phenanthrene (C19.36)	10.473	3012810	18.038 ug/ml
10) T Anthracene (C19.43)	10.551	2676504	15.770 ug/ml
12) T Fluoranthene (C21.85)	12.277	2895502	17.689 ug/ml
13) T Pyrene (C20.8)	12.570	2771608	17.041 ug/ml
14) T Benzo[a]anthracene (C...	14.440	2386830	18.067 ug/ml
15) T Chrysene (C27.41)	14.482	2956714	18.315 ug/ml
16) T benzo[b]fluoranthene ...	15.986	2655730	19.726 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.017	2594319	17.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	2641891	19.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1892624	17.760 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	2914301	20.095 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2679406	19.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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