

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102524AR\
 Data File : FD048587.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 13:29
 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 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:01:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.371	3162638	20.837 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
6) S 2-Fluorobiphenyl (SURR)	8.222	2058237	20.961 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.255	3539004	20.776 ug/mlm
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3588368	20.626 ug/ml
2) T Naphthalene (C11.7)	5.712	3723288	20.866 ug/mlm
3) T 2-Methylnaphthalene (...)	6.759	3725583	20.829 ug/ml
5) T Acenaphthylene (C15.06)	8.024	3638259	20.720 ug/ml
7) T Acenaphthene (C15.5)	8.318	3685999	20.782 ug/ml
8) T Flouorene (C16.55)	9.097	3551453	21.010 ug/ml
9) T Phenanthrene (C19.36)	10.484	3446351	20.848 ug/ml
10) T Anthracene (C19.43)	10.559	3195939	19.986 ug/ml
12) T Fluoranthene (C21.85)	12.287	3395997	20.635 ug/ml
13) T Pyrene (C20.8)	12.580	3341742	20.746 ug/ml
14) T Benzo[a]anthracene (C...	14.449	3026593	20.700 ug/ml
15) T Chrysene (C27.41)	14.490	3365505	20.460 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3122156	20.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	3077180	20.473 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	3093881	20.558 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.735	2638719	20.223 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3420715	21.020 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	3061120	19.995 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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