

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112923AR\
 Data File : FD046975.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2023 13:27
 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 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 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...	7.475	3369751	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
6) S 2-Fluorobiphenyl (SURR)	8.328	2185951	20.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.366	4028792	20.246 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3467442	18.636 ug/ml
2) T Naphthalene (C11.7)	5.815	3657231	19.205 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	3690013	19.162 ug/ml
5) T Acenaphthylene (C15.06)	8.132	3421684	19.656 ug/ml
7) T Acenaphthene (C15.5)	8.426	3649385	19.678 ug/ml
8) T Fluorene (C16.55)	9.205	3486598	20.199 ug/ml
9) T Phenanthrene (C19.36)	10.594	3361517	20.474 ug/ml
10) T Anthracene (C19.43)	10.668	3120634	20.180 ug/ml
12) T Fluoranthene (C21.85)	12.396	3315129	20.916 ug/ml
13) T Pyrene (C20.8)	12.691	3220273	21.047 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2676191	20.640 ug/mlm
15) T Chrysene (C27.41)	14.595	2892971	20.183 ug/mlm
16) T benzo[b]fluoranthene ...	16.096	2780321	20.816 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	2886029	21.124 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2698602	20.598 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2354923	19.736 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	2655713	20.438 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2650799	20.260 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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