

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043799.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 11:52
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 03:26:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 2022
 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...	7.438	3399504	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.294	2031565	20.196 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.322	3925841	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3920353	19.686 ug/ml
2) T Naphthalene (C11.7)	5.778	3857390	19.191 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	3375524	18.701 ug/ml
5) T Acenaphthylene (C15.06)	8.386	4044402	20.233 ug/ml
7) T Acenaphthene (C15.5)	8.386	4044402	18.815 ug/ml
8) T Flouorene (C16.55)	9.166	3624199	18.904 ug/ml
9) T Phenanthrene (C19.36)	10.557	3482062	19.364 ug/mlm
10) T Anthracene (C19.43)	10.634	3078758	15.828 ug/ml
12) T Fluoranthene (C21.85)	12.361	3420962	18.759 ug/ml
13) T Pyrene (C20.8)	12.656	3414651	18.293 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2796583	19.546 ug/mlm
15) T Chrysene (C27.41)	14.563	3190996	16.533 ug/mlm
16) T benzo[b]fluoranthene ...	16.067	2876522	19.934 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.098	2847983	16.559 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.445	2454597	16.904 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.805	2471931	23.902 ug/mlm
20) T Dibenz[a,h]anthracene...	17.844	2664274	18.933 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.056	2876043	22.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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