

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047571.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 03:01
 Operator : YP/AJ
 Sample : P2231-02MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1(0-0.5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e
 Quant Time: Apr 25 05:28:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.464	9934779	66.453 ug/ml
Spiked Amount 50.000		Recovery =	132.91%
6) S 2-Fluorobiphenyl (SURR)	8.317	6644700	68.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	136.01%#
11) S ortho-Terphenyl (SURR)	11.354	5763129	33.619 ug/ml
Spiked Amount 50.000		Recovery =	67.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6523374	41.283 ug/ml
2) T Naphthalene (C11.7)	5.801	7471521	45.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7798601	47.413 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8533730	56.537 ug/ml
7) T Acenaphthene (C15.5)	8.416	8314471	51.913 ug/ml
8) T Flouorene (C16.55)	9.195	8415197	54.396 ug/ml
9) T Phenanthrene (C19.36)	10.584	8336165	56.030 ug/ml
10) T Anthracene (C19.43)	10.660	8147675	59.906 ug/ml
12) T Fluoranthene (C21.85)	12.391	8164173	55.227 ug/ml
13) T Pyrene (C20.8)	12.686	8200587	56.822 ug/ml
14) T Benzo[a]anthracene (C...	14.554	7997282	60.810 ug/ml
15) T Chrysene (C27.41)	14.599	7618568	54.028 ug/ml
16) T benzo[b]fluoranthene ...	16.101	7604454	54.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	7526249	54.111 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	7362114	53.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	7716763	57.208 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	7326455	54.513 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.096	7023445	50.605 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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