

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039738.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 5:00
 Operator : AJ\MA
 Sample : M4927-12MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PH1-BOT-13MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 06:43:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.740	4846542	43.318 ug/ml
Spiked Amount 50.000		Recovery =	86.64%
6) S 2-Fluorobiphenyl (SURR)	8.609	2744906	36.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.20%
11) S ortho-Terphenyl (SURR)	11.653	4173319	33.743 ug/ml
Spiked Amount 50.000		Recovery =	67.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3612537	29.167 ug/ml
2) T Naphthalene (C11.7)	6.075	4337042	33.914 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	4514934	34.750 ug/ml
5) T Acenaphthylene (C15.06)	8.411	4632554	38.581 ug/ml
7) T Acenaphthene (C15.5)	8.708	4961209	38.957 ug/ml
8) T Fluorene (C16.55)	9.491	4983184	40.567 ug/ml
9) T Phenanthrene (C19.36)	10.893	4955595	41.315 ug/ml
10) T Anthracene (C19.43)	10.968	4869233	40.653 ug/ml
12) T Fluoranthene (C21.85)	12.710	4891597	41.033 ug/ml
13) T Pyrene (C20.8)	13.009	4796694	42.188 ug/ml
14) T Benzo[a]anthracene (C...	14.883	4386506	44.877 ug/ml
15) T Chrysene (C27.41)	14.927	4882947	42.890 ug/ml
16) T benzo[b]fluoranthene ...	16.437	4482123	45.561 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.472	4455514	42.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	3962437	41.114 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	3898856	41.826 ug/mlm
20) T Dibenz[a,h]anthracene...	18.223	4169532	40.709 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	4305957	43.563 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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