

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015635.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:43
 Operator : YP\AJ
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 2025

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...	7.997	6125678	52.619 ug/ml
Spiked Amount 50.000		Recovery =	105.24%
6) S 2-Fluorobiphenyl (SURR)	8.875	3708178	52.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.12%
11) S ortho-Terphenyl (SURR)	11.934	4585479	31.172 ug/ml
Spiked Amount 50.000		Recovery =	62.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4111239	31.846 ug/ml
2) T Naphthalene (C11.7)	6.275	4526606	35.468 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	4432188	35.004 ug/ml
5) T Acenaphthylene (C15.06)	8.673	5277450	37.335 ug/ml
7) T Acenaphthene (C15.5)	8.971	5794370	40.683 ug/ml
8) T Flouorene (C16.55)	9.762	5723946	43.017 ug/ml
9) T Phenanthrene (C19.36)	11.170	5935463	45.631 ug/ml
10) T Anthracene (C19.43)	11.245	5909263	47.179 ug/ml
12) T Fluoranthene (C21.85)	12.993	6241118	44.194 ug/ml
13) T Pyrene (C20.8)	13.292	6164085	42.876 ug/ml
14) T Benzo[a]anthracene (C...	15.177	5614385	47.796 ug/ml
15) T Chrysene (C27.41)	15.220	6749937	45.192 ug/ml
16) T benzo[b]fluoranthene ...	16.739	5614781	43.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	5987374	40.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5198895	40.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.498	4934634	48.211 ug/mlm
20) T Dibenz[a,h]anthracene...	18.531	5179421	40.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	5263590	42.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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