

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062525AR\
 Data File : FD049520.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2025 14:59
 Operator : YP/AJ
 Sample : Q2392-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:37:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.735	7127886	55.903 ug/ml
Spiked Amount 50.000		Recovery =	111.81%
6) S 2-Fluorobiphenyl (SURR)	8.601	4804133	54.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.21%
11) S ortho-Terphenyl (SURR)	11.645	5057632	31.892 ug/ml
Spiked Amount 50.000		Recovery =	63.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.527	4114303	35.425 ug/ml
2) T Naphthalene (C11.7)	6.071	5056443	37.671 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	5127294	36.290 ug/ml
5) T Acenaphthylene (C15.06)	8.404	6213446	39.744 ug/ml
7) T Acenaphthene (C15.5)	8.701	6290327	41.984 ug/ml
8) T Flouorene (C16.55)	9.482	6898835	44.845 ug/ml
9) T Phenanthrene (C19.36)	10.882	7580493	47.568 ug/ml
10) T Anthracene (C19.43)	10.957	7546332	48.065 ug/ml
12) T Fluoranthene (C21.85)	12.697	7950806	50.213 ug/ml
13) T Pyrene (C20.8)	12.996	8057103	50.927 ug/ml
14) T Benzo[a]anthracene (C...	14.868	7784737	52.749 ug/ml
15) T Chrysene (C27.41)	14.914	8572901	57.515 ug/ml
16) T benzo[b]fluoranthene ...	16.419	7390653	52.598 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	7292085	54.903 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.801	7086314	51.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	7301121	59.634 ug/mlm
20) T Dibenz[a,h]anthracene...	18.206	6675082	52.123 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.425	6513793	50.957 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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