

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616108.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 19:25
 Operator : YP\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:35:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.129	6045308	53.572 ug/ml
Spiked Amount 50.000		Recovery =	107.14%
6) S 2-Fluorobiphenyl (SURR)	9.011	4157044	53.276 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.55%
11) S ortho-Terphenyl (SURR)	12.096	6154272	46.205 ug/ml
Spiked Amount 50.000		Recovery =	92.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.717	274529	2.240 ug/ml
2) T Naphthalene (C11.7)	6.395	317626	2.450 ug/ml
3) T 2-Methylnaphthalene (...)	7.496	299980	2.271 ug/ml
5) T Acenaphthylene (C15.06)	8.807	326138	2.492 ug/ml
7) T Acenaphthene (C15.5)	9.107	332980	2.555 ug/ml
8) T Fluorene (C16.55)	9.900	342765	2.626 ug/ml
9) T Phenanthrene (C19.36)	11.315	334052	2.560 ug/ml
10) T Anthracene (C19.43)	11.390	339831	2.601 ug/ml
12) T Fluoranthene (C21.85)	13.147	355595	2.711 ug/ml
13) T Pyrene (C20.8)	13.447	349319	2.690 ug/ml
14) T Benzo[a]anthracene (C...	15.336	364982	2.851 ug/ml
15) T Chrysene (C27.41)	15.378	406354	3.150 ug/ml
16) T benzo[b]fluoranthene ...	16.899	364766	2.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.931	365971	3.046 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.282	347746	2.791 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.656	351797	3.058 ug/ml
20) T Dibenz[a,h]anthracene...	18.697	410919	3.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.911	337902	2.829 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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