



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	01 Mar 2023 13:36
Client Sample ID:	20 PPM AROMATIC HC S	Operator:	YP/AJ
Data file:	FD045197.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.262	5.992	6160349	39.818	200	ug/ml
Aromatic C12-C16	5.993	8.607	9072385	59.966	300	ug/ml
Aromatic C16-C21	8.608	12.876	14114634	99.695	500	ug/ml
Aromatic C21-C36	12.877	18.268	19937708	156.965	800	ug/ml
Aromatic EPH	4.262	18.268	49285076	356.444		ug/ml
2-Bromonaphthalene (SURR)	7.552	7.552	2706202	19.94		ug/ml
2-Fluorobiphenyl (SURR)	8.408	8.408	1788906	19.98		ug/ml
ortho-Terphenyl (SURR)	11.448	11.448	3317149	19.93		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045197.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 13:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 01 16:48:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.552	2706202	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
6) S 2-Fluorobiphenyl (SURR)	8.408	1788906	19.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.448	3317149	19.928 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3017341	19.923 ug/ml
2) T Naphthalene (C11.7)	5.892	3143008	19.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3172079	19.961 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2867789	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.507	3032517	20.007 ug/ml
8) T Flouorene (C16.55)	9.285	2962417	20.121 ug/ml
9) T Phenanthrene (C19.36)	10.676	2852304	19.978 ug/ml
10) T Anthracene (C19.43)	10.750	2793616	19.936 ug/ml
12) T Fluoranthene (C21.85)	12.481	2790579	19.977 ug/ml
13) T Pyrene (C20.8)	12.776	2715718	19.942 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2533926	19.878 ug/ml
15) T Chrysene (C27.41)	14.683	2587282	19.852 ug/ml
16) T benzo[b]fluoranthene ...	16.182	2575399	19.977 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	2516028	19.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2513058	19.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	2374116	19.846 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	2364472	19.602 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	2473427	19.879 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
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