



Solvents & Chemicals

Aromatics



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Benzene is the most common aromatic hydrocarbon, however several other commercially important aromatics are also produced on a scale of millions of pounds annually. Benzene, toluene, and the xylenes are added to unleaded gasoline to raise the octane number. Other aromatics, derived from the petrochemical industry, are used in products such as polyesters, polyurethanes, polystyrene, synthetic rubber, detergents, pharmaceuticals, flavors, perfumes, plasticizers, and many others. To meet the ever increasing need for the analysis of all of these various aromatic hydrocarbons, the DPS Aromatics GC Systems are configured with the latest designed high resolution capillary column and the sensitive FID detector to quickly detect these compounds. The Series 600 GC is for analyses in the lab, or use the Portable Companion 1 GC Systems for analyses right where the samples are taken. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Aromatics GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-114 - Series 600 Aromatics GC Analyzer (FID, 30m)
- 500-C-114 - Companion 1 Portable Aromatics GC Analyzer (FID, 30m)



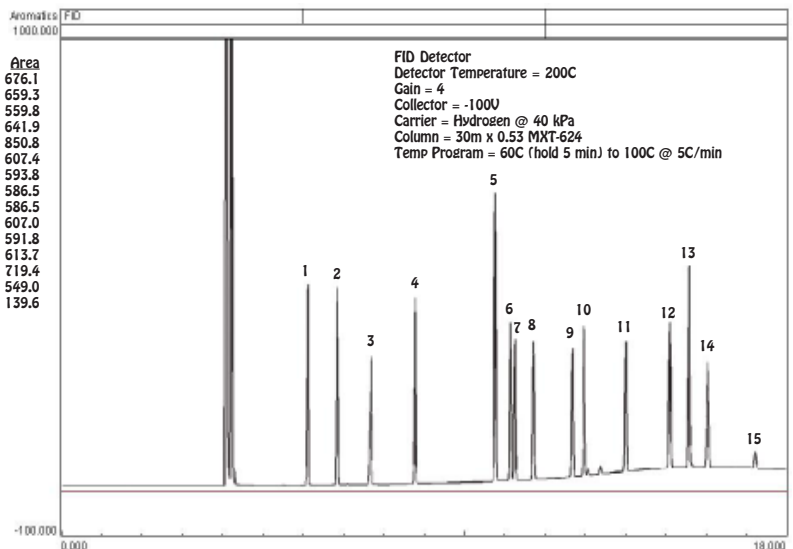
Series 600 GC



Companion 1 Portable GC

Aromatics

Peak	Component	Area
1	n-Undecane	676.1
2	Benzene	659.3
3	n-Dodecane	559.8
4	Toluene	641.9
5	Ethylbenzene	850.8
6	p-Xylene	607.4
7	m-Xylene	593.8
8	Cumene	586.5
9	n-Propylbenzene	586.5
10	o-Xylene	607.0
11	Mesitylene	591.8
12	1-Ethyl-2-Methylbenzene	613.7
13	m-Diethylbenzene	719.4
14	p-Diethylbenzene	549.0
15	o-Diethylbenzene	139.6



11/2015 Specifications may change without notice.