

## EPA Test Methods for GC

Method #	Description
0016B	Total Reduced Sulfur - (GC Analysis)
0018	VOC - GC
0311	HAPS in Paints & Coatings - Direct Injection GC
0312A	Residual Styrene in SBR Latex by GC
0312B	Styrene in SBR Latex by Capillary GC
0313B	Residual HC in Rubber Crumb by Capillary GC
0501.3	Trihalomethanes in Drinking Water - GC/MS
0504.1	EDB, DBCP, 123TCP by Microextractin & GC
0505	Organohalide Pesticides & PCB Products by GC
0507	Pesticides, Nitrogen & Phosphorus in GW by GC
0508	Chlorinated Pesticides in Water by GC/ECD
0508	Pesticides, Chlorinated in Water by GC with ECD
0508A	PCBs screening by perchlorination & GC
0509	Ethylene Thiourea (ETU) - GC
0509	Ethylene Thiourea (ETU) in water by GC
0513	Dioxin (TCDD) & GC/MS [replaced by 1613A]
0515.1	Chlorinated Acids by GC/ECD
0515.1	Chlorinated Acids in Water by GC/ECD
0515.2	Chlorinated acids - liquid-solid extraction/GC/
0515.2	Chlorinated Acids (Herbicides) by LSE & GC/ECD
0515.2	Chlorinated Acids in Water by LSE/GC/ECD
0515.3	Chlorinated Acids (herbicides)in DW / LLE GC/ECD
0515.4	Chlorinated Acids in DW by LL fast GC/ECD
0524.2	VOCs (MTBE) - Purge & Trap / Cap Column GC/MS
0525	Organic Compounds in Drinking Water by LSE/GC/M
0525.1	Organic Compounds by Liquid/Solid Extract GCMS
0525.1	Organic Compounds in Drinking Water by LSE/GC/M
0525.2	Organic compounds - LSE/capillary/GCMS
0525.2	Organic Compounds in DW by LSE/Cap Col GC/MS
0526	Semivolatile organic by SPE & cap col GC/MS

0528	Phenols in DW by SPE & cap col GC/MS
0548	Endothall in DW - LSE/GC/ECD
0548.1	Endothall by LSE & GC/MS
0548.1	Endothall in DW - Ion-Exchange Extraction/GCMS
0551	Trihalomethanes, Total by LLE/GC/ECD
0552	Haloacetic Acids by LLE & GC/ECD
0552.1	Dalapon & Haloacetic Acids by LSE & GC/ECD
0552.2	Haloacetic Acids & Dalapon in DW by LLE/GC/ECD
0556	Carbonyl Compounds in DW by PD/GC/ECD
0556.1	Carbonyl compounds in DW by fast GC
0608.2	Organochlorine Pesticides in Wastewater - GC
0620	Diphenylamine - Wastewater by GC
0630.1	Pesticides, Dithiocarbamates by GC
0634	Pesticides, Thiocarbamate in WW - GC
0645	Pesticides, Certain Amine & Lethane in WW - GC
0646	Pesticides, Dinitro Aromatic by GC
0680	PCBs & pesticides in water & soil/sediment -GCMS
1556A	Organohalide pesticides -ww, soil, tissue-GC/HSD
1613	Dioxins & Furans - HRGC/HRMS
1624	Volatile Organics/VOCs by Isotope Dilution GCMS
1653	Chlorinated Phenolics - In Situ Acetylation/GCMS
1653A	Chlorinated Phenolics - In Situ Acetylation/GCMS
1663	Differentiation of Diesel & Crude Oil by GC/FID
1663A	Differentiation of diesel & crude oil - GC/FI
1668	PCBs in Water, Soil - Isotope Dilution HRGC/HRMS
1668A	Chlorinated biopheny congeners by HRGC/HRMS
1671	Volatile Organic Compounds - GC/FID
1671A	Volatile Organic Compounds by GC/FID
3820	Hexadecane Extraction and Screening of Purgeable Organics
5041A	Desorption Sorbent Cartridges VOST - Cap GC/MS
7580	White Phosphorus by Solvent Extraction and GC
8011	DBCP & EDB by Microextraction & GC
8015B	Nonhalogenated Organics Using GC/FID
8015C	Nohalogenated volatiles (GRO, DRO) / GC/FID

8021B	Halogenated Volatiles by GC+ Cap Column
8031	Acrylonitrile by GC
8032A	Acrylamide by GC
8033	Acetonitrile by GC with Nitrogen-Phosphorus
8041	Phenols by GC: Capillary Column Technique
8041A	Phenols by GC
8061A	Phthalate Esters by Cap GC/ECD
8070A	Nitrosamines by GC
8081A	Organochlorine Pesticides by Cap Column GC
8081B	Organochlorine Pesticides by GC
8081B	Organochlorine pesticides by GC with ECD or ELCD
8082	PCBs by Cap Column GC
8082A	PCBs by GC
8085	Pesticides by GC/AED (Atomic Emission Detection)
8091	Nitroaromatics and Cyclic Ketones by Gas Chromatography
8095	Explosives by Gas Chromatography
8100	Polynuclear Aromatic Hydrocarbons
8111	Haloethers by Gas Chromatography
8121	Chlorinated Hydrocarbons by GC Cap
8131	Aniline & Selected Derivatives by Cap Column GC
8141A	Organophosphorus Pesticides - GC Capillary Column
8141B	Organophosphorus Compounds by GC
8141B	Organophosphorus Compounds by GC
8151A	Chlorinated Herbicides by GC+ Cap Column
8260B	VOCs by GC/MS Capillary Column Technique
8261	Volatile Organic Compounds by VD/GC/MS
8270C	Semivolatile Organic Compounds by GC/MS Cap Col
8270D	Semivolatile Organic Compounds by GC/MS
8275A	PAHs and PCBs in Soils/Sludges by TE/GC/MS
8276	Toxaphene and Toxaphene Congeners by Gas Chromatography/Negative Ion Chemical Ionization Mass Spectrometry (GC-NICI/MS)
8280A	PCDD and PCDF by HRGC/LRMS
8280B	PCDD and PCDF by HRGC/LRMS

<b>8290</b>	PCDD & PCDF - HRGC/HRMS
<b>8290A</b>	PCDD and PCDF by HRGC/HRMS
<b>8410</b>	Semivolatile Organics - GC/FT-IR Cap Column
<b>8430</b>	Bis(2-chloroethyl)ether Hydrolysis Prod GC/FT-IR
<b>FM-05</b>	Volatile Organic Compounds - GC/ Auto Head Samp
<b>FM-09</b>	Volatile Organic Compounds - Headspace/Mobile GC
<b>FM-18</b>	PCB - GC On-Site Lab Hexane/Methanol/H2O Extr
<b>FM-19</b>	PCB - GC On-Site Lab Hexane Extraction
<b>FM-20</b>	PCB - GC On-Site Lab Hexane/Methanol Extraction
<b>FM-21</b>	PCB - GC On-Site Lab Hexane/ Acetone Extraction
<b>FM-22</b>	Pesticide - GC/ECD Hexane/Methanol Extraction
<b>FM-23</b>	Pesticide - Isothermal GC/ECD Hexane Extraction
<b>FM-24</b>	Phenol - Liquid-Liquid Extraction & GC
<b>FM-25</b>	PAH - GC with Heated Column
<b>FUEL</b>	Gasoline, Quantity of MBTE by GC
<b>ORGANIC</b>	Gas Chromatographic (GC) Methods
<b>ORGANIC</b>	Gas Chromatographic/Mass Spectroscopic Methods
<b>TO-01</b>	Tenax GC Adsorption
<b>TO-04A</b>	Pesticides and PCBs by high volume PUF & GC/MD
<b>TO-07</b>	N-Nitrosodimethylamine by Thermosorb/N GC/MS
<b>TO-09</b>	Dioxin by High Vol PUF/HRGC/HRMS
<b>TO-10A</b>	Pesticides & PCBs by low volume PUF & GC/MD
<b>TO-13A</b>	PAHs by GC/MS
<b>TO-14A</b>	VOCs by canisters and GC
<b>TO-15</b>	VOCs Collected in Canisters - GC/MS
<b>SOIL-GAS</b>	Off-Site / Portable Gas Chromatograph
<b>EPA 560/5-87-008</b>	Volatile Organic Compounds in Whole Blood-Determination by Heated Dynamic Headspace Purge and Trap Isotope Dilution GC/MS
<b>EPA 821/B-94-005</b>	Method 1613: Tetra-Through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS.
<b>EPA 821/R-00-02</b>	Method 1668, Revision A: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by HRGC/HRMS.

<b>EPA</b>	Method 1668: Toxic Polychlorinated Biphenyls by Isotope Dilution High Resolution Gas Chromatography/High Resolution. Mass Spectrometry.
<b>821/R-97-001</b>	
<b>01A0005114</b>	Measurement of Trihalomethanes (THMs) in Drinking Water with GC/MS and Selected Ion Monitoring: Method 501.3.
<b>01A0005957</b>	The Use of a Portable PID Gas Chromatograph for Rapid Screening of Samples for Purgeable Organic Compounds in the Field and in the Lab.
<b>01A0006086</b>	Method 1618: Organo-halide Pesticides, Organo-phosphorus Pesticides, and Phenoxy-acid Herbicides by Wide Bore Capillary Column Gas Chromatography with Selective Detectors.
<b>01A0006089</b>	Method 1624: Volatile Organic Compounds by Isotope Dilution GCMA; and Method 1625: Semivolatile Organic Compounds by Isotope Dilution GCMS.
<b>01A0006706</b>	Determination of Chlorinated Dibenzo-p-dioxins and Dibenzofurans in Soils and Sediments by Gas Chromatography/Mass Spectrometry.
<b>01A0006709</b>	Method 282.3 The Determination of Tributyltin Chloride in Marine and Fresh Waters by Liquid-Solid Extraction (LSE) and Gas Chromatography with Electron-Capture Detection (GC/ECD).
<b>01A0007878</b>	Method 556 Determination of Carbonyl Compounds in Drinking Water by Pentafluorobenzylhydroxylamine Derivation and Capillary Gas Chromatography with Electron Capture Detection.
<b>01A0008028</b>	Method 515.4 - Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction Derivatization, and Fast Gas Chromatography with Electron Capture Detection.
<b>01A0008284</b>	RSK SOP 175: Analysis of Dissolved Methane, Ethane, and Ethylene in Ground Water by a Standard Gas Chromatographic Technique.