North Carolina Certified Parameter PT List 2012

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
ALKALINITY	SM 2320 B	TITRATION	X
ALKALINITY	EPA 310.2	AUTOMATED	X
ACIDITY	SM 2310 B	TITRATION	X
BOD	SM 5210 B	D.O. DEPLETION	X
BOD	SM 5210 B	LUMINESCENCE D.O. DEPLETION	X
CBOD	SM 5210 B	D.O. DEPLETION WITH NITRIFICATION INHIBITOR	X
CBOD	SM 5210 B	LUMINESCENCE D.O. DEPLETION	X
COD	SM 5220 C EPA 410.3 ASTM D1252-95, 00(A)	TITRATION	X
COD	SM 5220 D HACH 8000 EPA 410.4 ASTM D1252-95, 00(B)	MANUAL COLORIMETRIC	X
COD	SM 5220 D EPA 410.4 ASTM D1252-95, 00(B)	AUTOMATED	X
CHLORIDE	SM 4500 Cl^- B SM 4500 Cl^- C SM 4500 Cl^- C-97 SW846 9253	TITRATION	X
CHLORIDE	SM 4500 Cl^- E SW846 9251	AUTOMATED	X
CHLORIDE	SM 4110 B EPA 300.0 EPA 300.1 SW846 9056 A	IC	X
CHLORIDE	SM 4500 Cl^- D	POTENTIOMETRIC TITRATION	X
CHLORIDE	ASTM D512-89(99) (C)	ELECTRODE	X
TOTAL RESIDUAL CHLORINE	SM 4500 Cl B SM 4500 Cl C SM 4500 Cl F	TITRATION	X
TOTAL RESIDUAL CHLORINE	SM 4500 Cl D SM 4500 Cl E Hach 10025 ULR	AMPEROMETRIC TITRATION	X
TOTAL RESIDUAL CHLORINE	SM 4500 Cl G HACH 10014 ULR HACH 10070 HR HACH 8167 HR	DPD COLORIMETRIC	X
TOTAL RESIDUAL CHLORINE	ORION ELECTRODE	ELECTRODE	X
CHLOROPHYLL *a*	EPA 445.0 SM 10200 H	FLUOROMETRIC	NC DWQ SPLIT SAMPLE
CHLOROPHYLL *a*	SM 10200 H	SPECTROPHOTO-METRIC	NC DWQ SPLIT SAMPLE
FECAL COLIFORM	SM 9222 D SM 9222D 24 HOUR 503 EPA 1978 p 124	MF	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
FECAL COLIFORM	SM 9221 C E SM 9221 C E 24 HOUR 503 EPA 1978 p 132 EPA 1680 24 HOUR 503 EPA 1681 24 HOUR 503 COLILERT-18	MPN	X
TOTAL COLIFORM	SM 9222 B EPA 1978 p 108	MF	X
TOTAL COLIFORM	SM 9221 B EPA 1978 p 114	MPN	X
ENTEROCOCCI	EPA 1600	MF	X
ENTEROCOCCI	ENTEROLERT (IDEXX) ASTM D6503-99	MPN	X
E. COLI	EPA 1603 (MOD MTEC) mCOLIBLUE 24	MF	X
E. COLI	SM 9223 B COLILERT COLILERT-18	MPN	X
COLOR	SM 2120 B NCASI 71.01 NCASI 253	PLATINUM COBALT	X
COLOR	SM 2120 E	ADMI	X
CONDUCTIVITY	SM 2510 B EPA 120.1 SW856 9050 A	WHEATSTONE BRIDGE	X
TOTAL CYANIDE	SM 4500 CN D SW846 9014	TITRATION	X
TOTAL CYANIDE	SM 4500 CN E SW846 9014	MANUAL COLORIMETRIC	X
TOTAL CYANIDE	SM 4500 CN F	ION SELECTIVE ELECTRODE	X
TOTAL CYANIDE	EPA 335.4 SW846 9012 B LACHAT 10-204-00-1-X KELADA-01	AUTOMATED	X
AVAILABLE CYANIDE	OIA-1677	AUTOMATED	X
DISSOLVED ORGANIC CARBON	SM 5310 B SM 5310 C SM 5310 D	COMBUSTION OR OXIDATION	X
DISSOLVED OXYGEN	SM 4500 O C SM 4500 O G	WINKLER OR ELECTRODE	NONE
DISSOLVED OXYGEN (LUMINESCENCE)	ASTM D888-05 HACH 10360	ELECTRODE	NONE
FLUORIDE	SW846 9214 SM 4500 F C	ELECTRODE	X
FLUORIDE	SM 4500 F D	MANUAL COLORIMETRIC	X
FLUORIDE	SM 4500 F E	AUTOMATED	X
FLUORIDE	EPA 300 EPA 300.1 SW846 9056 A SM 4110 B	IC	X
HARDNESS	SM 2340 C	TITRATION	X
HARDNESS	EPA 130.1	AUTOMATED	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
HARDNESS	SM 2340 B EPA 200.7 EPA 200.8 SM 3120 B SW846 6010 C SW846 6020 A	CALCULATION	X
IGNITABILITY	SW846 1010 A	AQUEOUS	X
IGNITABILITY	SW846 1030	SOLIDS	NONE
MBAS (SURFACTANTS)	SM 5540 C	MANUAL COLORIMETRIC	X
AMMONIA NITROGEN	SM 18th 4500 NH_3 C	NESSLERIZATION	X
AMMONIA NITROGEN	SM 18th 4500 NH_3 E SM 19th, 20th 4500 NH_3 C SM 4500 NH_3 C-97	TITRATION	X
AMMONIA NITROGEN	SM 18th 4500 NH_3 H SM 19th, 20th 4500 NH_3 G EPA 350.1	AUTOMATED PHENATE	X
AMMONIA NITROGEN	SM 18th 4500 NH_3 F or G SM 19th, 20th 4500 NH_3 D or E	ELECTRODE	X
TOTAL KJELDAHL NITROGEN	SM 4500 N_{ORG} B or C	PREP	NONE
TOTAL KJELDAHL NITROGEN	DEVARDA'S ALLOY	TITRATION	NONE
TOTAL KJELDAHL NITROGEN	SM 18th 4500 NH_3 C	NESSLERIZATION	X
TOTAL KJELDAHL NITROGEN	SM 18th 4500 NH_3 E SM 19th, 20th 4500 NH_3 C	TITRATION	X
TOTAL KJELDAHL NITROGEN	SM 18th 4500 NH_3 F or G SM 19th, 20th 4500 NH_3 D or E	ELECTRODE	X
TOTAL KJELDAHL NITROGEN	EPA 351.1 EPA 351.2	AUTOMATED	X
NITRATE + NITRITE	SM 4500 NO_3 E	MANUAL COLORIMETRIC CADMIUM	X
NITRATE + NITRITE	SM 4500 NO_3 F EPA 353.2	AUTOMATED CADMIUM	X
NITRATE + NITRITE	SM 4500 NO_3 H	AUTOMATED HYDRAZINE	X
NITRATE + NITRITE	SM 4110 B EPA 300 EPA 300.1 SW846 9056 A	IC	X
NITRATE	EPA 352.1	MANUAL COLORIMETRIC - BRUCINE	X
NITRATE	SM 4500 NO_3 D	ELECTRODE	X
NITRATE	EPA 300 SW846 9056 A SM 4110 B	IC	X
NITRATE	SUBTRACTION (NO3+NO2) – NO2	CALCULATION	X
NITRITE	SM 4500 NO_2 B HACH 8507	MANUAL COLORIMETRIC	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
NITRITE	EPA 300 SW846 9056 A SM 4110 B	IC	X
NITRITE	EPA 353.2 SM 4500 NO_3 F	AUTOMATED BYPASS CADMIUM	X
NITRITE	SM 4500 NO_3 E ASTM D3867-99 (B)	COLORIMETRIC BYPASS CADMIUM	X
TOTAL PHOSPHORUS	SM 4500 P E EPA 365.3 HACH 8190	MANUAL COLORIMETRIC	X
TOTAL PHOSPHORUS	SM 4500 P F EPA 365.1 EPA 365.4	AUTOMATED	X
TOTAL PHOSPHORUS	EPA 200.7 SW846 6010 C	ICP/AES	X
TOTAL PHOSPHORUS	MEHLICH-3 EXTRACTION	PREP	NONE
ORTHOPHOSPHATE	SM 4500 P E EPA 365.3	MANUAL COLORIMETRIC	X
ORTHOPHOSPHATE	SM 4500 P F EPA 365.1	AUTOMATED	X
ORTHOPHOSPHATE	EPA 300 EPA 300.1 SW846 9056 A SM 4110 B	IC	X
OIL & GREASE[(6)]	SM 5520 B EPA 1664A SW846 9070 A	GRAVIMETRIC	X
OIL & GREASE	SW846 9071 B	GRAVIMETRIC (SOIL)	X
PH	SM 4500 H^+ B SM 4500 H^+ B-00 SW846 9040 C SW846 9045 D	ELECTRODE	X
PH	EPA 150.2	AUTO ELECTRODE (IN-LINE)	NONE
INORGANIC PHENOLS	SM 14th 510 B EPA 420.1 SW846 9065 SW846 9066	MANUAL COLORIMETRIC	X
INORGANIC PHENOLS	SM 14th 510 C EPA 420.4	AUTOMATED	X
PAINT FILTER LIQUIDS	SW846 9095 B	GRAVIMETRIC	NONE
RESIDUE – SETTLEABLE	SM 2540 F	VOLUMETRIC	X
RESIDUE – TOTAL	SM 2540 B SM 2540 G	GRAVIMETRIC	X
RESIDUE – DISSOLVED	SM 2540 C	GRAVIMETRIC	X
RESIDUE – SUSPENDED	SM 2540 D SM 2540 D-97	GRAVIMETRIC	X
RESIDUE – VOLATILE	EPA 160.4	GRAVIMETRIC	NONE
RESIDUE – TOTAL VOLATILE	SM 2540 G	GRAVIMETRIC	NONE
SALINITY	SM 2520 B	ELECTRICAL CONDUCTIVITY	NONE

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
SALMONELLA	SM 9260 D KENNER & CLARK 1974	MF	X
SULFATE	SM 4500 SO_4 C SM 4500 SO_4 D	GRAVIMETRIC	X
SULFATE	SM 15TH 426 C SW846 9038 HACH 8051 ASTM D516-90, 02	TURBIDIMETRIC	X
SULFATE	EPA 375.2	AUTOMATED	X
SULFATE	EPA 300 EPA 300.1 SW846 9056 A SM 4110 B	IC	X
SULFIDE	SM 4500 S^{2-} D HACH 8131	MANUAL COLORIMETRIC	X
SULFIDE	SM 18th 4500 S^{2-} E SM 19th,20th 4500 S^{2-} F SW846 9031 SW846 9034	TITRIMETRIC	X
SULFITE	SM 4500 SO_3^{2-} B HACH 8071	TITRIMETRIC	NONE
TEMPERATURE	SM 2550 B USGS METHOD 1975	THERMOMETRIC	NONE
TOTAL ORGANIC CARBON	SM 5310 B SM 5310 C SM 5310 D SW846 9060 A	COMBUSTION OR OXIDATION	X
TURBIDITY	SM 2130 B EPA 180.1	NEPHELOMETRIC	X
VECTOR ATTRACTION REDUCTION	ALL OPTIONS	ALL OPTIONS	NONE
ALUMINUM	EPA 200.9 SM 18th, 19th 3113 B	GFAA	X
ALUMINUM	SM 18th, 19th 3111 D SW846 7000 B	FAA	X
ALUMINUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
ALUMINUM	EPA 200.8 SW846 6020 A	ICP/MS	X
ALUMINUM	SM 18th, 19th 3500 Al D	MANUAL COLORIMETRIC	X
ANTIMONY	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
ANTIMONY	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
ANTIMONY	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
ANTIMONY	EPA 200.8 SW846 6020 A	ICP/MS	X
ARSENIC	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
ARSENIC	SM 3114 B 4.d SW846 7061 A SW846 7062	FAA	X
ARSENIC	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
ARSENIC	EPA 200.8 SW846 6020 A	ICP/MS	X
ARSENIC	SM 18th, 19th 3500 As C	MANUAL COLORIMETRIC	X
BARIUM	SM 18th, 19th 3113 B SW846 7010	GFAA	X
BARIUM	SM 18th, 19th 3111 D SW846 7000 B	FAA	X
BARIUM	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
BARIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
BERYLLIUM	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
BERYLLIUM	SM 18th, 19th 3111 D SW846 7000 B	FAA	X
BERYLLIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
BERYLLIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
BERYLLIUM	SM 3500 Be D	MANUAL COLORIMETRIC	X
BORON	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
BORON	EPA 200.8 SW846 6020 A	ICP/MS	X
CADMIUM	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
CADMIUM	SM 3111 18th, 19th B or C SW846 7000 B	FAA	X
CADMIUM	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
CADMIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
CADMIUM	SM 3500 Cd D	MANUAL COLORIMETRIC	X
CALCIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
CALCIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
CALCIUM	SW846 6020 A EPA 200.8	ICP/MS	X
CALCIUM	SM 18th, 19th 3500 Ca D SM 20th 3500 Ca B	TITRATION	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
COBALT	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
COBALT	SM 18th, 19th 3111 B or C SW846 7000 B	FAA	X
COBALT	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
COBALT	EPA 200.8 SW846 6020 A	ICP/MS	X
CHROMIUM TOTAL	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
CHROMIUM TOTAL	SM 3111 18th, 19th B SM 3111 18th, 19th C SW846 7000 B	FAA	X
CHROMIUM TOTAL	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
CHROMIUM TOTAL	EPA 200.8 SW846 6020 A	ICP/MS	X
CHROMIUM TOTAL	SM 18th, 19th 3500 Cr D SM 20th 3500 Cr B	MANUAL COLORIMETRIC	X
CHROMIUM HEXAVALENT	SM 18th, 19th 3111 C	FAA	X
CHROMIUM HEXAVALENT	SM 18th, 19th 3500 Cr D SM 20th 3500 Cr B SW846 7196 A HACH 8023	MANUAL COLORIMETRIC	X
CHROMIUM HEXAVALENT	EPA 218.6 SM 20th 3500 Cr C SW846 7199	IC	X
COPPER	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
COPPER	SM 3111 18th, 19th B or C SW846 7000 B	FAA	X
COPPER	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
COPPER	EPA 200.8 SW846 6020 A	ICP/MS	X
COPPER	SM 18th, 19th 3500 Cu D	MANUAL COLORIMETRIC	X
IRON	SM 18th, 19th 3113 B SW846 7010	GFAA	X
IRON	SM 3111 18th, 19th B or C SW846 7000 B	FAA	X
IRON IRON	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
IRON	SW846 6020 A EPA 200.8	ICP/MS	X
IRON	SM 18th, 19th 3500 Fe D SM 20th 3500 Fe B	MANUAL COLORIMETRIC	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
LEAD	EPA 200.9 SM 3113 B SW846 7010	GFAA	X
LEAD	SM 18th, 19th 3111 B or C SW846 7000 B	FAA	X
LEAD	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
LEAD	EPA 200.8 SW846 6020 A	ICP/MS	X
LEAD	SM 18th, 19th 3500 Pb D	MANUAL COLORIMETRIC	X
LITHIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
LITHIUM	EPA 200.7 SW846 6010 C	ICP/AES	X
MAGNESIUM	EPA 200.9	GFAA	X
MAGNESIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
MAGNESIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
MAGNESIUM	SW846 6020 A EPA 200.8	ICP/MS	X
MAGNESIUM	SM 18th, 19th 3500 Mg D	GRAVIMETRIC	X
MANGANESE	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
MANGANESE	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
MANGANESE	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
MANGANESE	EPA 200.8 SW846 6020 A	ICP/MS	X
MANGANESE	SM 18th, 19th 3500 Mn D	MANUAL COLORIMETRIC	X
MERCURY	EPA 245.1 EPA 245.2 EPA 245.7 SM 18th, 19th 3112 B SW846 7470 A SW846 7471 B	CVAA	X
MERCURY	EPA 1631 E	P&T/CVF	X
MERCURY	EPA 200.7 SW846 6010 C	ICP/AES	X
MERCURY	EPA 200.8 SW846 6020 A	ICP/MS	X
MOLYBDENUM	SM 18th, 19th 3113 B SW846 7010	GFAA	X
MOLYBDENUM	SM 18th, 19th 3111 D SW846 7000 B	FAA	X
MOLYBDENUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
MOLYBDENUM	EPA 200.8 SW846 6020A	ICP/MS	X
NICKEL	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
NICKEL	SM 18th, 19th 3111 B or C SW846 7000 B	FAA	X
NICKEL	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
NICKEL	EPA 200.8 SW846 6020 A	ICP/MS	X
NICKEL	SM 17TH 3500 Ni D	MANUAL COLORIMETRIC	X
PHOSPHORUS TOTAL	EPA 200.7 EPA 6010 C	ICP/AES	X
POTASSIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
POTASSIUM	EPA 200.7 SW846 6010 C	ICP/AES	X
POTASSIUM	SW846 6020 A EPA 200.8	ICP/MS	X
SELENIUM	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
SELENIUM	SM 18th, 19th 3114 B SW846 7741 A	FAA	X
SELENIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
SELENIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
SILICA	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
SILICA	SM 18th, 19th 4500 Si D SM 20th 4500 SiO_2 C	MANUAL COLORIMETRIC	X
SILVER	EPA 200.9 SM 18th, 19th 3113 B SW846 7010	GFAA	X
SILVER	SM 18th, 19th 3111 B or C SW846 7000 B	FAA	X
SILVER	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
SILVER	EPA 200.8 SW846 6020 A	ICP/MS	X
SODIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
SODIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
SODIUM	SW846 6020 A EPA 200.8	ICP/MS	X
STRONTIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
STRONTIUM	SM 3120 B EPA 200.7 SW846 6010 C	ICP/AES	X
STRONTIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
THALLIUM	EPA 200.9 EPA 279.2 SW846 7010	GFAA	X
THALLIUM	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
THALLIUM	SM 3120 B EPA 200.7 SW846 6010 C	ICP/AES	X
THALLIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
TIN	EPA 200.9 SM 18th, 19th 3113 B	GFAA	X
TIN	SM 18th, 19th 3111 B SW846 7000 B	FAA	X
TIN	EPA 200.7 SW846 6010 C	ICP/AES	X
TIN	EPA 200.8 SW846 6020A	ICP/MS	X
TITANIUM	EPA 283.2	GFAA	X
TITANIUM	SM 18th, 19th 3111 D	FAA	X
TITANIUM	EPA 200.7 SW846 6010 C	ICP/AES	X
TITANIUM	EPA 200.8 SW846 6020A	ICP/MS	X
VANADIUM	SW846 7010	GFAA	X
VANADIUM	SM 18th, 19th 3111 D SW846 7000 B	FAA	X
VANADIUM	EPA 200.7 SM 3120 B SW846 6010 C	ICP/AES	X
VANADIUM	EPA 200.8 SW846 6020 A	ICP/MS	X
VANADIUM	SM 18th,19th 3500 V D	MANUAL COLORIMETRIC	X
ZINC	EPA 200.9 EPA 289.2 SW846 7010	GFAA	X
ZINC	SM 18th,19th 3111 B or C SW846 7000 B	FAA	X
ZINC	EPA 200.7 SM 3120 B SW846 6010 C AES0029	ICP/AES	X
ZINC	EPA 200.8 SW846 6020 A	ICP/MS	X
ZINC	SM 18th, 19th 3500 Z E or F	MANUAL COLORIMETRIC	X
METALS (ANIMAL WASTE) CA CU MG MN K NA ZN	MEHLICH 3	PREP	NONE
(1)TCLP METALS	SW846 1311	LEACHATES	X

INORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PT REQUIRED
SPLP METALS	SW846 1312	LEACHATES	NONE

(1)Please note PT submissions for 1311 metals will most likely be a reduced list covering the following Resource Conservation and Recovery Act (RCRA) metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver.

ORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PE REQUIRED(2)
PURGEABLE HALOCARBONS	EPA 601 SM 20TH 6200 C SW846 8021 B SM 18TH, 19TH 6230 B	GC	X
PURGEABE AROMATICS	EPA 602 SM 20TH 6200 C SW846 8021 B SM 18TH, 19TH 6220 B	GC	X
ACROLEIN, ACETONITRILE, AND ACRYLONITRILE	EPA 603 (ACROLEIN, ACRYLONITRILE) SW846 8031 (ACRYLONITRILE) SW846 8033 (ACETONITRILE)	GC	X
ORGANIC PHENOLS	EPA 604 SW846 8041 A SM 6420 B	GC	X
BENZIDINES	EPA 605	GC	X
PHTHALATE ESTERS	EPA 606 SW846 8061 A SM 6410 B	GC	X
NITROSAMINES	EPA 607 SW846 8070 A	GC	X
ORGANOCHLORINE PESTICIDES	SW846 8081 B	GC	X
PCBs	SW846 8082 A	GC	X
(3)ORGANOCHLORINE PESTICIDES & PCBS	EPA 608 SM 6630 B SM 6630 C	GC	X
NITROAROMATICS & ISOPHORONE	EPA 609	GC	X
NITROAROMATICS & NITRAMINES	SW846 8330 A	HPLC	X
POLYNUCLEAR AROMATIC HYDROCARBONS	EPA 610 SW846 8310 SM 6440 B	HPLC	X
POLYNUCLEAR AROMATIC HYDROCARBONS	EPA 610 SW846 8100 SM 6440 B	GC	X
HALOETHERS	EPA 611 SW846 8111	GC	X
CHLORINATED HYDROCARBONS	EPA 612 SW846 8121	GC	X
PURGEABLE ORGANICS	EPA 624 EPA 1624 SW846 8260 B SM 20TH 6200 B	GC/MS	X
BASE NEUTRAL/ ACID ORGANICS	EPA 625 EPA 1625 SW846 8270 D SM 6410 B	GC/MS	X

ORGANIC PARAMETER	METHOD CODE	TECHNOLOGY	PE REQUIRED[2]
CHLORINATED ACID HERBICIDES	EPA 615 SW846 8151 A SM 6640 B	GC	X
ORGANOPHOSPHORUS PESTICIDES	EPA 614 SW846 8141 B	GC	X
TPH GASOLINE	SW846 8015 C	GC	X
TPH DIESEL	SW846 8015 C	GC	X
[4]EPH	Massachusetts Method (May 2004, rev. 1.1)	GC	X
[4]VPH	Massachusetts Method (May 2004, rev. 1.1)	GC	X
NONHALOGENATED VOLATILE ORGANICS	SW846 8015 C	GC	NONE
N-METHYLCARBAMATES	EPA 632 SW846 8318 A	GC	X
1,2, DIBROMOETHANE (EDB)	EPA 504.1 EDB/DBCP/TCP SW846 8011 EDB/DBCP	GC	X
ADSORBABLE ORGANIC HALIDES	EPA 1650	ADSORPTION/ TITRATION	NONE
CHLORINATED PHENOLICS	EPA 1653	GC/MS	NONE
TOTAL ORGANIC HALIDES	SW846 9020 B	MICROCOULOMETER-TITRATION DETECTOR	X
[5]TCLP ORGANICS	SW846 1311	LEACHATES	X
SPLP ORGANICS	SW846 1312	LEACHATES	NONE

[2] Please be aware that certain compounds appear on the parameter lists for multiple analytical methods.

1) EPA method 601 and SM 6230 B cover purgeable halocarbons only.
2) EPA method 602 and SM 6220 B cover purgeable aromatic hydrocarbons only.
3) SW-846 method 8021 and SM method 6200 C include both purgeable aromatic and purgeable halocarbons.

As an example: Dichlorobenzene(s) are on parameter lists for purgeable aromatics and halocarbons as well as purgeable organics. A laboratory holding certification for these methods or any combination of these methods must report dichlorobenzene(s) if present in a PE sample or that compound will be counted as unacceptable.

In some cases, a laboratory may not report all compounds present in a Performance Evaluation (PE) sample. For example, laboratories certified for SW-846 Method 8151 frequently report a reduced parameter list. Another example would be a laboratory reporting only BTEX and/or MTBE by SW-846 method 8021 or SM 6200 C. In these cases, the laboratory will be contacted to determine why a reduced parameter list was reported. If the reduced list is routinely reported to laboratory clients, then that reduced list will be evaluated for acceptability. It will also be confirmed that the laboratory flags the data as such, when reported to clients. It is recommended that the laboratory obtain reduced list confirmations prior to ordering PE samples.

[3] The parameter list for EPA Method 608 includes both chlorinated pesticides and PCBs. This means you may have to analyze a pesticide PE and a separate PCB PE sample depending upon how the vendor prepares the mix. SW-846 separates the list into: SW-846 8081 Chlorinated Pesticides and SW-846 8082 PCBs.

[4] The laboratory should follow the PE provider's instructions for preparation and reporting of EPH and VPH samples and results (including whether values are "adjusted" versus "unadjusted" for surrogates, internal standards and concentrations of other ranges eluting within the reported range). NC WW/GW LC will evaluate the laboratory's performance on the grade assigned by the PE provider based upon the three ranges only. Laboratories are not required to report individual constituents.

[5] For TCLP Organics, the vendors provide various parameters in each study. For example, SW-846 method 8270 C Acid Extractable compounds or SW-846 method 8081 Organochlorine Pesticides. Laboratories may choose PE samples for any certified organic parameter that the vendors provide for TCLP analysis.

[6] HEM only – not SGT-HEM.