

LSAI Labs Catalog of Analysis

May, 2018



Matrix	Organics	EPA Method
Water	BTEX/M/N	8260
Water	VOCs	8260
Water	Drinkingwater VOCs	524.2
Water	VOCs	624
Water	Base Neutrals/Acids	625
Water	PAHs / PNAs	8270
Water	PAHs / PNAs low level	8270SIM
Water	SVOCs - Water	8270
Water	TPH-GRO	8015
Water	TPH-DRO	8015
Water	TPH-ERO	8015
Water	PCBs	8082
Water	Pesticides	8081
Water	Herbicides	8151
Water	TTO	608/624/625
Water	Acrylamide	8032A
Water	Phenols	8041
Water	Phthalate esters by GC/ECD/MS	8061A
Water	Nitrosamines	8070A
Water	Explosives by GC/ECD/MS	8095
Water	Haloethers by GC/ECD/MS	8111
Water	Nitroaromatics and Nitramines by HPLC/UV	8330
Water	Tetrazene by HPLC/UV	8331
Water	Nitroglycerine by HPLC/UV	8332

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Water	Inorganics/Metals	Method
Water	Metals (Each)	6010
Water	8 RCRA Metals	6010/7471A
Water	14 RISC Metals	6010/7471A
Water	Metals (Each) LL	7010
Water	8 RCRA Metals LL	7010/7471A
Water	14 RISC Metals LL	7010/7471A
Water	(Impinger + Filter)	29
Water	Chromium, Hexavalent	3060/7196A
Water	Mercury	7470A/7471A
Water	Flashpoint	1010a
Water	Nitrogen, Nitrate	352.1
Water	Oil & Grease	1664A
Water	pH	SM4500 H+B/9045
Water	Conductivity	SM 2510
Water	Sulfate	375.4
Water	Total Solids	SM2540B
Water	Total Dissolved Solids	SM2540C
Water	Total Suspended Solids (TSS)	SM2540D
Water	Cyanide, Total	335
Water	Hardness	130
Water	Alkalinity	310
Water	Chloride	SM4500-CL b
Water	Chloride	325
Water	Fluoride	340
Water	BOD/COD	SM5210
Water	COD	410.4
Water	Nitrate, Nitrite	353

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Matrix	Organics	Method
Soil	BTEX/M/N	8260
Soil	VOCs	5035/8260
Soil	VOCs	624
Soil	Base Neutrals/Acids	625
Soil	PAHs / PNAs	8270
Soil	PAHs / PNAs low level	8270 Sim
Soil	SVOCs	8270
Soil	TCLP VOCs	1311/8260
Soil	TCLP SVOCs	1311/8270
Soil	TPH-GRO	8015
Soil	TPH-DRO	8015
Soil	TPH-ERO	8015
Soil	PCBs	8082
Soil	Pesticides	8081
Soil	Herbicides	8151
Soil	TTO	608/624/625
Soil	Acrylamide	8032A
Soil	Phenols	8041
Soil	Phthalate esters by GC/ECD/MS	8061A
Soil	Nitrosamines	8070A
Soil	Explosives by GC/ECD/MS	8095
Soil	Haloethers by GC/ECD/MS	8111
Soil	Nitroaromatics and Nitramines by HPLC/UV	8330
Soil	Tetrazene by HPLC/UV	8331
Soil	Nitroglycerine by HPLC/UV	8332

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Soil	Inorganics/Metals	Method
Soil	Metals (Each)	6010
Soil	8 RCRA Metals	6010/7471A
Soil	14 RISC Metals	6010/7471A
Soil	Metals (Each)	7010
Soil	8 RCRA Metals	7010/7471A
Soil	14 RISC Metals	7010/7471A
Soil	TCLP Preparation	1311
Soil	TCLP RCRA Metals	1311/7010
Soil	(Impinger + Filter)	
Soil	Chromium, Hexavalent	3060/7196A
Soil	Mercury	7470A/7471A
Soil	Nitrogen, Nitrate	352.1
Soil	Oil & Grease	1664A
Soil	Ignitability /Flash	1030
Soil	pH	SM4500 H+B/9045
Soil	Sulfate	375.4
Soil	%Moisture (dry weight)	1684
Soil	Cyanide, reactive	9104
Soil	Cyanide, Total	335
Soil	Alkalinity	310
Soil	Chloride	325
Soil	Reactivity Sulfide	
Soil	Corrosivity	
Soil	Nitrate, Nitrite	353

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Air	Analytes	Method
Air	Air VOCs (summa type canisters)	TO-15
Air	Sampling Kit (Tubing and Swagelock Fitting)	TO-15
Air	Metal Trains – Emissions	29/7010

Other	Miscellaneous	Method
coatings	Total VOCs	EPA 24, 24a
Coatings	HAP (Hazardous Air pollutants)	ASTM, EPA 24
Acidity	Titration	
Products	USP elemental impurities	USP 233
Other	HPLC	Multiple Methods
Multiple	Explosives	8095
Multiple	Chlorinated Herbicides	8151a
Multiple	PAH via HPLC (high level)	8310
Multiple	Carbonyl Compunds by HPLC	8315A
Multiple	Acrylamide by HPLC	8316
Multiple	N-Methylcarbmates by HPLC	8318A
Multiple	Nitroaromatics & Nitramines by HPLC	8330A
Multiple	Nitroaromatics and Nitramines by HPLC/UV	8330
Multiple	Tetrazene by HPLC/UV	8331
Multiple	Nitroglycerine by HPLC/UV	8332

Note: We perform method development and offer several custom and tailer made methoc
We are also constantly adding new instrumentation and capabilities.
So please enquire with us on your special needs