

Certified Parameters - 2023

TENNESSEE

Suburban Laboratories, Inc.

TN04935

EPA # IL00038

7/11/2023

Attn: Virginia Zusman
 1950 South Batavia Ave., Ste. 150
 Geneva, IL 60134

Parameter	EPA Parameter #	Approved Method	Study Type	Date Complete	PT Provider / WS #
Disinfectant Residuals					
Free Chlorine Residual	1013	SM - 4500-CI G	Proficiency Test	3/3/2023	Phenova / WS0123
Total Chlorine Residual	1012	SM - 4500-CI G	Proficiency Test	3/3/2023	Phenova / WS0123
Disinfection By-Products					
HAA					
Dibromoacetic Acid (HAA5)	2454	EPA - 552.3	Proficiency Test	3/3/2023	Phenova / WS0123
Dichloroacetic Acid (HAA5)	2451	EPA - 552.3	Proficiency Test	3/3/2023	Phenova / WS0123
Monobromoacetic Acid (HAA5)	2453	EPA - 552.3	Proficiency Test	3/3/2023	Phenova / WS0123
Monochloroacetic Acid (HAA5)	2450	EPA - 552.3	Proficiency Test	3/3/2023	Phenova / WS0123
Trichloroacetic Acid (HAA5)	2452	EPA - 552.3	Proficiency Test	3/3/2023	Phenova / WS0123
THM					
Bromodichloromethane	2943	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Bromoform	2942	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Chlorodibromomethane	2944	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Chloroform	2941	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Total Trihalomethanes (TTHM)	2950	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Herbicides					
2,4,5-TP (Silvex)	2110	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
2,4-D	2105	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
Alachlor	2051	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123
Dalapon	2031	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
Dinoseb	2041	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
Endothall	2033	EPA - 548.1	Proficiency Test	3/3/2023	Phenova / WS0123
Picloram	2040	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
Pentachlorophenol	2326	EPA - 515.4	Proficiency Test	3/3/2023	Phenova / WS0123
Inorganics					
Calcium	1016	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Chloride	1017	SM - 4500-CI-E	Proficiency Test	3/3/2023	Phenova / WS0123
Cyanide	1024	EPA - 335.4	Proficiency Test	3/3/2023	Phenova / WS0123
Cyanide	1024	SM - 4500-CN-E	Proficiency Test	3/3/2023	Phenova / WS0123

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
Fluoride	1025	SM - 4500-F-C	Proficiency Test	3/3/2023	Phenova / WS0123
Nitrate	1040	EPA - 353.2	Proficiency Test	3/3/2023	Phenova / WS0123
Nitrate + Nitrite	1038	EPA - 353.2	Proficiency Test	3/3/2023	Phenova / WS0123
Nitrite	1041	EPA - 353.2	Proficiency Test	3/3/2023	Phenova / WS0123
Ortho-phosphate	1044	SM - 4500-P E	Proficiency Test	3/3/2023	Phenova / WS0123
pH	1925	SM - 4500-H+B	Proficiency Test	3/3/2023	Phenova / WS0123
Silica	1049	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Sodium	1052	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Sulfate	1055	ASTM - D516-90	Proficiency Test	3/3/2023	Phenova / WS0123
Total Organic Carbon(TOC)	2920	SM - 5310 B	Proficiency Test	5/25/2023	Phenova / RR R35889
Alkalinity, Total	1927	SM - 2320 B	Proficiency Test	3/3/2023	Phenova / WS0123

Metals

Antimony	1074	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Barium	1010	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Barium	1010	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Cadmium	1015	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Chromium	1020	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Chromium	1020	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Copper	1022	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Copper	1022	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Lead	5000	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Magnesium	1031	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Manganese	1032	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Manganese	1032	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Mercury	1035	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Mercury	1035	EPA - 245.1	Proficiency Test	3/3/2023	Phenova / WS0123
Nickel	1036	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Nickel	1036	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123
Thallium	1085	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Aluminum	1002	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Silver	1050	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Zinc	1095	EPA - 200.8	Proficiency Test	3/3/2023	Phenova / WS0123
Zinc	1095	EPA - 200.7	Proficiency Test	3/3/2023	Phenova / WS0123

Organics

Aldicarb	2047	EPA - 531.2	Proficiency Test	2/8/2023	ERA / 012623K
Aldicarb Sulfone	2044	EPA - 531.2	Proficiency Test	2/8/2023	ERA / 012623K
Aldicarb Sulfoxide	2043	EPA - 531.2	Proficiency Test	2/8/2023	ERA / 012623K
PCBs (as Aroclors)	2383	EPA - 505	Proficiency Test	5/25/2023	Phenova / RR R35889

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
DBCP (Dibromochloropropane)	2931	EPA - 504.1	Proficiency Test	3/3/2023	Phenova / WS0123
EDB (Ethylene dibromide)	2946	EPA - 504.1	Proficiency Test	3/3/2023	Phenova / WS0123
Di(2-ethylhexyl)adipate	2035	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123
Di(2-ethylhexyl)phthalate	2039	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123

Pesticides

Atrazine	2050	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123
Hexachlorocyclopentadiene	2042	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Carbofuran	2046	EPA - 531.2	Proficiency Test	2/8/2023	ERA / 012623K
Chlordane	2959	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Endrin	2005	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Heptachlor	2065	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Heptachlor Epoxide	2067	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Hexachlorobenzene	2274	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Lindane	2010	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Methoxychlor	2015	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123
Oxamyl (Vydate)	2036	EPA - 531.2	Proficiency Test	2/8/2023	ERA / 012623K
Simazine	2037	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123
Toxaphene	2020	EPA - 505	Proficiency Test	3/3/2023	Phenova / WS0123

VOCs - Regulated

1,1,1-Trichloroethane	2981	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,1,2-Trichloroethane	2985	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,1-Dichloroethylene	2977	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,2,4-Trichlorobenzene	2378	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,2-Dichlorobenzene	2968	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,2-Dichloroethane	2980	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,2-Dichloropropane	2983	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
1,4-Dichlorobenzene	2969	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Benzene	2990	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Carbon Tetrachloride	2982	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Chlorobenzene	2989	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
cis-1,2-Dichloroethylene	2380	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Ethylbenzene	2992	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Methylene chloride (dichloromethane)	2964	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Styrene	2996	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Tetrachloroethylene	2987	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Toluene	2991	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Total Xylenes	2955	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
trans-1,2-dichloroethylene	2979	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Trichloroethylene	2984	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123
Vinyl Chloride	2976	EPA - 524.2	Proficiency Test	3/3/2023	Phenova / WS0123

VOCs - Synthetics

Benzo(a)pyrene	2306	EPA - 525.2	Proficiency Test	3/3/2023	Phenova / WS0123
----------------	------	-------------	------------------	----------	------------------