# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION



BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That 68-03503

Enthalpy Analytical, LLC
1941 Reymet Road, Richmond, VA, 23237

Having duly met the requirement of
The act of June 29, 2002 (P.L. 596, No. 90)
dealing with Environmental Laboratories Accreditation
(27 Pa. C.S. 4104-4113) and the
National Environmental Laboratory Accreditation Program Standard
is hereby approved as an



# **Accredited Laboratory**

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: 10/31/2022

Certificate Number: 007

Annmarie Beach, Chief Laboratory Accreditation Program Bureau of Laboratories

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Continued accreditation status depends on successful ongoing participation in the program Certificate not transferable Surrender upon revocation

To be conspicuously displayed at the Laboratory

Not valid unless accompanied by a valid Scope of Accreditation

Shall not be used to imply endorsement by the Commonwealth of Pennsylvania Customers are urged to verify the laboratory's current accreditation status

PA DEP is a NELAP recognized accreditation body





Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Enthalpy Analytical, LLC** 

DEP Laboratory ID:

68-03503

EPA Lab Code:

VA00913

TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237

(804) 358-8295

Matrix: Drinking Water

Method	Revision	TNI Analyte Method Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Dat
Colisure SM 9223	20th	Total coliform & E. co	li (P/A)	NELAP	· VA	10/24/2019
EPA 200.7	4.4	Aluminum		NELAP	VA	10/24/2019
EPA 200.7	4.4	Barium		NELAP	VA	10/24/2019
EPA 200.7	4.4	Cadmium		NELAP	VA	10/24/2019
EPA 200.7	4.4	Calcium		NELAP	VA	10/24/2019
EPA 200.7	4.4	Chromium		NELAP	VA	10/24/2019
EPA 200.7	4.4	Copper		NELAP	VA	10/24/2019
EPA 200.7	4.4	Iron		NELAP	VA	10/24/2019
EPA 200.7	4.4	Magnesium		NELAP	VA	10/24/2019
EPA 200.7	4.4	Manganese		NELAP	VA	10/24/2019
EPA 200.7	4.4	Nickel		NELAP	VA	10/24/2019
EPA 200.7	4.4	Silver		NELAP	VA	10/24/2019
PA 200.7	4.4	Sodium		NELAP	VA	10/24/2019
PA 200.7	4.4	Zinc		NELAP	VA	10/24/2019
PA 200.8	5.4	Antimony		NELAP	VA	10/24/2019
PA 200.8	5.4	Arsenic		NELAP	VA	10/24/2019
PA 200.8	5.4	Barium		NELAP	VA	10/24/2019
PA 200.8	5.4	Beryllium		NELAP	VA	10/24/2019
PA 200.8	5.4	Cadmium		NELAP	VA	10/24/2019
PA 200.8	5.4	Chromium		NELAP	VA	10/24/2019
PA 200.8	5.4	Copper		NELAP	VA	10/24/2019
PA 200.8	5.4	Lead		NELAP	VA	10/24/2019
PA 200.8	5.4	Manganese		NELAP	VA	10/24/2019
PA 200.8	5.4	Nickel		NELAP	VA	10/24/2019
PA 200.8	5.4	Selenium		NELAP	VA	10/24/2019
PA 200.8	5.4	Silver		NELAP	VA	10/24/2019
PA 200.8	5.4	Thallium		NELAP	VA	10/24/2019
PA 200.8	5.4	Zinc		NELAP	VA	10/24/2019
PA 245.1	3.0	Mercury		NELAP	VA	10/24/2019
PA 300.0	2.1	Chloride		NELAP	VA	10/24/2019
PA 300.0	2.1	Chlorite		NELAP	VA	10/24/2019
PA 300.0	2.1	Fluoride		NELAP	VA	10/24/2019
PA 300.0	2.1	Nitrate as N		NELAP	VA	10/24/2019
PA 300.0	2.1	Nitrite as N	*	NELAP	VA	10/24/2019
PA 300.0	2.1	Sulfate		NELAP	VA	10/24/2019
EPA 300.0	2.1	Total nitrate-nitrite		NELAP	VA	10/24/2019
EPA 504.1	1.1	1,2-Dibromo-3-chloro Dibromochloropropar	propane (DBCP, ne)	NELAP	VA	10/24/2019



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VA00913

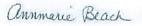
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Drinking Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 504.1	1.1 A		1,2-Dibromoethane (EDB, Ethylene dibromide)	(A) (P) (C)	NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1016 (PCB-1016)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1221 (PCB-1221)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1232 (PCB-1232)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1242 (PCB-1242)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1248 (PCB-1248)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1254 (PCB-1254)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Aroclor-1260 (PCB-1260)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Chlordane (tech.)		NELAP	VA	10/24/2019
EPA 508.1	2.0		Endrin		NELAP	VA	10/24/2019
EPA 508.1	2.0		Heptachlor		NELAP	VA	10/24/2019
EPA 508.1	2.0		Heptachlor epoxide		NELAP	VA	10/24/2019
EPA 508.1	2.0		Methoxychlor		NELAP	VA	10/24/2019
EPA 508.1	2.0		Toxaphene (Chlorinated camphene)		NELAP	VA	10/24/2019
EPA 508.1	2.0		gamma-BHC (Lindane, gamma- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 515.4	1.0		2,4,5-TP (Silvex)		NELAP	VA	10/24/2019
EPA 515.4	1.0		2,4-D		NELAP	VA	10/24/2019
EPA 515.4	1.0		Dalapon (2,2-Dichloropropionic acid)		NELAP	VA	10/24/2019
EPA 515.4	1.0		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)		NELAP	VA	10/24/2019
EPA 515.4	1.0		Pentachlorophenol (PCP)		NELAP	VA	10/24/2019
EPA 515.4	1.0		Picloram (4-Amino-3,5,6-trichloro-2- pyridinecarboxylic acid)		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,1,1-Trichloroethane		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,1,2-Trichloroethane		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,1-Dichloroethene (1,1- Dichloroethylene)		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,2,4-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,2-Dichlorobenzene (o- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,2-Dichloroethane		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,2-Dichloropropane		NELAP	VA	10/24/2019
EPA 524.2	4.1		1,4-Dichlorobenzene (p- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 524.2	4.1		Benzene		NELAP	VA	10/24/2019
EPA 524.2	4.1		Bromodichloromethane		NELAP	VA	10/24/2019
EPA 524.2	4.1		Bromoform		NELAP	VA	10/24/2019
EPA 524.2	4.1		Carbon tetrachloride		NELAP	VA	10/24/2019
EPA 524.2	4.1		Chlorobenzene		NELAP	VA	10/24/2019







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VA00913

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

TNI Code: TNI01248

Matrix: Drinking Water

Method	nyttad	Revision	TNI Method Code	Analyte	TNI Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 524.2	10.554.50	4.1	W	Chloroform		ns P	NELAP	VA	10/24/2019
EPA 524.2		4.1		Dibromochlorome	thane		NELAP	VA	10/24/2019
EPA 524.2		4.1		Ethylbenzene			NELAP	VA	10/24/2019
EPA 524.2		4.1		Methylene chloride	e (Dichloromethane)		NELAP	VA	10/24/2019
EPA 524.2		4.1		Styrene			NELAP	VA	10/24/2019
EPA 524.2		4.1		Tetrachloroethene Perchloroethylene	(PCE,		NELAP	VA	10/24/2019
EPA 524.2		4.1		Toluene			NELAP	VA	10/24/2019
PA 524.2		4.1		Total trihalometha	nes (TTHMs)		NELAP	VA	10/24/2019
PA 524.2		4.1		Trichloroethene (T	CE, Trichloroethylene)		NELAP	VA	10/24/2019
PA 524.2		4.1		Vinyl chloride (Chl	oroethene)		NELAP	VA	10/24/2019
PA 524.2		4.1		Xylenes, total			NELAP	VA	10/24/2019
PA 524.2		4.1		cis-1,2-Dichloroeth	nene		NELAP	VA	10/24/2019
PA 524.2		4.1		trans-1,2-Dichloro	ethene		NELAP	VA	10/24/2019
PA 525.2		2.0		Alachlor (Lasso)			NELAP	VA	10/24/2019
PA 525.2		2.0		Atrazine			NELAP	VA	10/24/2019
PA 525.2		2.0		Benzo[a]pyrene			NELAP	VA	10/24/2019
PA 525.2		2.0		Hexachlorobenzer	ne		NELAP	VA	10/24/2019
PA 525.2		2.0		Hexachlorocyclope	entadiene	*	NELAP	VA	10/24/2019
PA 525.2		2.0		Simazine			NELAP	VA	10/24/2019
PA 525.2		2.0		bis(2-Ethylhexyl) a adipate)	dipate (di(2-Ethylhexyl)		NELAP	VA	10/24/2019
PA 525.2		2.0		bis(2-Ethylhexyl) p	hthalate (DEHP)		NELAP	VA	10/24/2019
EPA 552.3		1.0		Bromoacetic acid acid, MBAA)	(Monobromoacetic		NELAP	VA	10/24/2019
PA 552.3		1.0		Chloroacetic acid MCAA)	(Monochloroacetic acid,		NELAP	VA	10/24/2019
PA 552.3		1.0		Dibromoacetic aci	d (DBAA)		NELAP	VA	10/24/2019
PA 552.3		1.0		Dichloroacetic acid	d (DCAA)		NELAP	VA	10/24/2019
PA 552.3		1.0		Total haloacetic ad	cids (HAA)		NELAP	VA	10/24/2019
PA 552.3		1.0		Trichloroacetic aci	d (TCAA)		NELAP	VA	10/24/2019
M 2120 B				Color			NELAP	VA	10/24/2019
M 2130 B				Turbidity			NELAP	VA	10/24/2019
M 2320 B				Alkalinity as CaCC	03		NELAP	VA	10/24/2019
M 2510 B				Conductivity			NELAP	VA	10/24/2019
M 2540 C				Residue, filterable	(TDS)		NELAP	VA	10/24/2019
M 4500-C	N- C/E			Total cyanide	atte de Milli		NELAP	VA	10/24/2019
M 4500-H	+ B			рН			NELAP	VA	10/24/2019
M 4500-N	O2- B			Nitrite as N			NELAP	VA	10/24/2019
SM 4500-N	O3- F			Total nitrate-nitrite			NELAP	VA	10/24/2019



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Matrix: Drinking Water

Method Re	evision TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
SM 4500-P E	- //\	Orthophosphate as P	THE TOTAL OF THE PARTY OF THE P	NELAP	VA	10/24/2019
SM 5310 C		Dissolved organic carbon (DOC)		NELAP	VA	10/24/2019
SM 5310 C		Total organic carbon (TOC)		NELAP	VA	10/24/2019
SM 5540 C		Surfactants as MBAS	residentinolitica	NELAP	VA	10/24/2019
SM 5910 B		UV 254		NELAP	VA	10/24/2019
SM 9223 Colilert		E. coli (Enumeration)		NELAP	VA	10/24/2019
SM 9223 Colilert		Total coliform & E. coli (P/A)		NELAP	VA	10/24/2019
SM 9223 Colilert		Total coliform (Enumeration)		NELAP	VA	10/24/2019
SimPlate		Heterotrophic bacteria (Enumeration)		NELAP	VA	10/24/2019

Matrix: Non-Potable Water

Method	os estor decesto	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 1010	CALL STATE	В		Flashpoint	- Pathing W	NELAP	VA	05/13/2021
EPA 1311				Toxicity characteristic leaching procedure (TCLP)		NELAP	VA	10/24/2019
EPA 1312				Synthetic precipitation leaching procedure (SPLP)		NELAP	VA	10/24/2019
EPA 160.4				Residue, volatile		NELAP	VA	10/24/2019
EPA 1664		В		Non-polar material		NELAP	VA	10/24/2019
EPA 1664		В		Oil and grease		NELAP	VA	10/24/2019
EPA 200.2				Metals sample preparation		NELAP	VA	10/24/2019
EPA 200.7		4.4		Aluminum		NELAP	VA	10/24/2019
EPA 200.7		4.4		Antimony		NELAP	VA	10/24/2019
EPA 200.7		4.4		Arsenic		NELAP	VA	10/24/2019
EPA 200.7		4.4		Barium		NELAP	VA	10/24/2019
EPA 200.7		4.4		Beryllium		NELAP	VA	10/24/2019
EPA 200.7		4.4		Boron		NELAP	VA	10/24/2019
EPA 200.7		4.4		Cadmium		NELAP	VA	10/24/2019
EPA 200.7	www.	4.4		Calcium		NELAP	VA	10/24/2019
EPA 200.7		4.4		Chromium		NELAP	VA	10/24/2019
EPA 200.7		4.4		Cobalt		NELAP	VA	10/24/2019
EPA 200.7		4.4		Copper		NELAP	VA	10/24/2019
EPA 200.7		4.4		Iron		NELAP	VA	10/24/2019
EPA 200.7		4.4		Lead		NELAP	VA	10/24/2019
EPA 200.7		4.4		Magnesium		NELAP	. VA	10/24/2019
EPA 200.7		4.4		Manganese		NELAP	VA	10/24/2019
EPA 200.7		4.4		Molybdenum		NELAP	VA	10/24/2019
EPA 200.7		4.4		Nickel		NELAP	VA	10/24/2019

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Method	l ivilai	Revision	TNI Method Code	Analyte	TNI Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 200.7	0.7840	4.4	7	Potassium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Selenium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Silica, as SiO2			NELAP	VA	10/24/2019
EPA 200.7		4.4		Silver			NELAP	VA	10/24/2019
EPA 200.7		4.4		Sodium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Thallium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Tin			NELAP	VA	10/24/2019
EPA 200.7		4.4		Titanium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Vanadium			NELAP	VA	10/24/2019
EPA 200.7		4.4		Zinc			NELAP	VA	10/24/2019
EPA 200.8		5.4		Antimony			NELAP	VA	10/24/2019
EPA 200.8		5.4		Arsenic			NELAP	VA	10/24/2019
EPA 200.8		5.4		Barium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Beryllium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Cadmium	,		NELAP	VA	10/24/2019
EPA 200.8		5.4		Chromium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Cobalt			NELAP	VA	10/24/2019
EPA 200.8		5.4		Copper			NELAP	VA	10/24/2019
EPA 200.8		5.4		Lead			NELAP	VA	10/24/2019
EPA 200.8		5.4		Manganese			NELAP	VA	10/24/2019
EPA 200.8		5.4		Molybdenum			NELAP	VA	10/24/2019
EPA 200.8		5.4		Nickel			NELAP	VA	10/24/2019
EPA 200.8		5.4		Selenium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Silver			NELAP	VA	10/24/2019
EPA 200.8		5.4		Thallium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Tin			NELAP	VA	10/24/2019
EPA 200.8		5.4		Vanadium			NELAP	VA	10/24/2019
EPA 200.8		5.4		Zinc			NELAP	VA	10/24/2019
EPA 245.1		3.0		Mercury			NELAP	VA	10/24/2019
EPA 300.0		2.1		Bromide			NELAP	VA	10/24/2019
EPA 300.0		2.1		Chloride			NELAP	VA	10/24/2019
EPA 300.0		2.1		Fluoride			NELAP	VA	10/24/2019
EPA 300.0		2.1		Nitrate as N			NELAP	VA	10/24/2019
EPA 300.0		2.1		Nitrite as N			NELAP	VA	10/24/2019
EPA 300.0		2.1		Sulfate			NELAP	VA	10/24/2019
EPA 300.0		2.1		Total nitrate-nitrite	•		NELAP	, VA	10/24/2019
EPA 3005		Α		Preconcentration	under acid		NELAP	VA	10/24/2019
EPA 3010		Α		Hot plate acid dige	estion (HNO3 + HCI)		NELAP	VA	10/24/2019



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TNI Code: TNI01248

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Matrix: Non-Potable Water

Method	sviis	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 350.1	10.00	2.0		Ammonia as N		NELAP	VA	10/24/2019
EPA 351.2				Kjeldahl nitrogen, total (TKN)		NELAP	VA	10/24/2019
EPA 3510		С		Separatory funnel liquid-liquid extraction		NELAP	VA	10/24/2019
EPA 3511				Organic compounds in water by microextraction		NELAP	VA	10/24/2019
EPA 3665		A		Sulfuric acid/permanganate clean-up		NELAP	VA	10/24/2019
EPA 420.1				Total phenolics		NELAP	VA	10/24/2019
EPA 5030				Aqueous-phase purge-and-trap		NELAP	VA	10/24/2019
EPA 6010		D		Metals by ICP/AES		NELAP	VA	06/29/2020
EPA 6010		D		Aluminum		NELAP	VA	06/29/2020
EPA 6010		D		Antimony		NELAP	VA	06/29/2020
EPA 6010		D		Arsenic		NELAP	VA	06/29/2020
EPA 6010		D		Barium		NELAP	VA	06/29/2020
EPA 6010		D		Beryllium		NELAP	VA	06/29/2020
EPA 6010		D		Boron		NELAP	VA	06/29/2020
EPA 6010		D		Cadmium		NELAP	VA	06/29/2020
EPA 6010		D		Calcium		NELAP	VA	06/29/2020
EPA 6010		D		Chromium		NELAP	VA	06/29/2020
EPA 6010		D		Cobalt		NELAP	VA	06/29/2020
EPA 6010		D		Copper		NELAP	VA	06/29/2020
EPA 6010		D		Iron		NELAP	VA	06/29/2020
EPA 6010		D		Lead		NELAP	VA	06/29/2020
EPA 6010		D		Lithium		NELAP	VA	06/29/2020
EPA 6010		D		Magnesium		NELAP	VA	06/29/2020
EPA 6010		D		Manganese		NELAP	VA	06/29/2020
EPA 6010		D		Molybdenum		NELAP	VA	06/29/2020
EPA 6010		D		Nickel		NELAP	VA	06/29/2020
EPA 6010		D		Potassium		NELAP	VA	06/29/2020
EPA 6010		D		Selenium		NELAP	VA	06/29/2020
EPA 6010		D		Silica, as SiO2		NELAP	VA	06/29/2020
EPA 6010		D		Silver		NELAP	VA	06/29/2020
EPA 6010		D		Sodium		NELAP	VA	06/29/2020
EPA 6010		D		Strontium		NELAP	VA	06/29/2020
EPA 6010		D		Thallium		NELAP	VA	06/29/2020
EPA 6010		D		Tin		NELAP	VA	06/29/2020
EPA 6010		D		Titanium		NELAP	VA	06/29/2020
EPA 6010		D		Vanadium		NELAP	VA	06/29/2020
EPA 6010		D		Zinc		NELAP	VA	06/29/2020
EPA 6020		В		Metals by ICP/MS		NELAP	VA	06/29/2020







Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Enthalpy Analytical, LLC** 

**DEP Laboratory ID:** 

68-03503

EPA Lab Code:

VA00913

VA00515

Richmond, VA 23237

1941 Reymet Road

(804) 358-8295

TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Javitst	Revision	TNI Method Code	Analyte	TNI Anglyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	10.545.01	В	7	Antimony		9	NELAP	VA	06/29/2020
EPA 6020		В		Arsenic			NELAP	VA	06/29/2020
EPA 6020		В		Barium			NELAP	VA	06/29/2020
EPA 6020		В		Beryllium			NELAP	VA	06/29/2020
EPA 6020		В		Cadmium			NELAP	VA	06/29/2020
EPA 6020		В		Chromium			NELAP	VA	06/29/2020
EPA 6020		В		Cobalt			NELAP	VA	06/29/2020
EPA 6020		В		Copper			NELAP	VA	06/29/2020
EPA 6020		В		Lead			NELAP	VA	06/29/2020
EPA 6020		В		Lithium			NELAP	VA	06/29/2020
EPA 6020		В		Manganese			NELAP	VA	06/29/2020
EPA 6020		В		Molybdenum			NELAP	VA	06/29/2020
EPA 6020		В		Nickel			NELAP	VA	06/29/2020
EPA 6020		В		Selenium			NELAP	VA	06/29/2020
EPA 6020		В		Silver			NELAP	VA	06/29/2020
EPA 6020		В		Thallium			NELAP	VA	06/29/2020
EPA 6020		В		Tin			NELAP	VA	06/29/2020
EPA 6020		В		Vanadium			NELAP	VA	06/29/2020
EPA 6020		В		Zinc			NELAP	VA	06/29/2020
EPA 608.3				4,4'-DDD			NELAP	VA	10/24/2019
EPA 608.3				4,4'-DDE			NELAP	VA	10/24/2019
EPA 608.3				4,4'-DDT			NELAP	VA	10/24/2019
EPA 608.3				Aldrin (HHDN)			NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1016 (PCB-1	016)		NELAP	VA	10/24/2019
EPA 608.3	0.745			Aroclor-1221 (PCB-1	221)		NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1232 (PCB-1	232)		NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1242 (PCB-1	242)		NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1248 (PCB-1	248)		NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1254 (PCB-1	254)		NELAP	VA	10/24/2019
EPA 608.3				Aroclor-1260 (PCB-1	260)		NELAP	VA	10/24/2019
EPA 608.3				Chlordane (tech.)			NELAP	VA	10/24/2019
EPA 608.3				Dieldrin			NELAP	VA	10/24/2019
EPA 608.3				Endosulfan I			NELAP	VA	10/24/2019
EPA 608.3				Endosulfan II			NELAP	VA	10/24/2019
EPA 608.3				Endosulfan sulfate			NELAP	VA	10/24/2019
EPA 608.3				Endrin			NELAP	VA	10/24/2019
EPA 608.3				Endrin aldehyde			NELAP	VA	10/24/2019
EPA 608.3				Heptachlor			NELAP	VA	10/24/2019







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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

EPA Lab Code:

VA00913

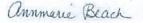
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	MT etganA	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 608.3	- N		Heptachlor epoxid	le		NELAP	VA	10/24/2019
EPA 608.3			Methoxychlor			NELAP	VA	10/24/2019
EPA 608.3			Toxaphene (Chlor	rinated camphene)		NELAP	VA	10/24/2019
EPA 608.3			alpha-BHC (alpha Hexachlorocycloh	exane)		NELAP	VA	10/24/2019
EPA 608.3			beta-BHC (beta-H	exachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 608.3			delta-BHC (delta- Hexachlorocycloh	exane)		NELAP	VA	10/24/2019
EPA 608.3			gamma-BHC (Line Hexachlorocycloh	dane, gamma- exane)		NELAP	VA	10/24/2019
EPA 614			Azinphos-methyl (	(Guthion)		NELAP	VA	10/24/2019
EPA 614			Demeton-O			NELAP	VA	10/24/2019
EPA 614			Demeton-S			NELAP	VA	10/24/2019
EPA 614			Diazinon (Spectra	cide)		NELAP	VA	10/24/2019
EPA 614			Malathion			NELAP	VA	10/24/2019
EPA 614			Parathion, ethyl (E Parathion)	Ethyl parathion,		NELAP	VA	10/24/2019
EPA 615			2,4,5-TP (Silvex)			NELAP	VA	10/24/2019
EPA 615			2,4-D			NELAP	VA	10/24/2019
EPA 615			Dinoseb (2-sec-B DNBP)	utyl-4,6-dinitrophenol,		NELAP	VA	10/24/2019
EPA 622			Azinphos-methyl	(Guthion)		NELAP	VA	10/24/2019
EPA 622			Chlorpyrifos			NELAP	VA	10/24/2019
EPA 622			Demeton-O			NELAP	VA	10/24/2019
EPA 622			Demeton-S		-	NELAP	VA	10/24/2019
EPA 622			Diazinon (Spectra	icide)		NELAP	VA	10/24/2019
EPA 622			Disulfoton			NELAP	VA	10/24/2019
EPA 622			Methyl parathion	(Parathion, methyl)		NELAP	VA	10/24/2019
EPA 624.1			1,1,1-Trichloroeth	ane		NELAP	VA	10/24/2019
EPA 624.1			1,1,2,2-Tetrachlor	oethane		NELAP	VA	10/24/2019
EPA 624.1			1,1,2-Trichloroeth	ane		NELAP	VA	10/24/2019
EPA 624.1			1,1-Dichloroethan	e -		NELAP	VA	10/24/2019
EPA 624.1			1,1-Dichloroethen Dichloroethylene)	e (1,1-		NELAP	VA	10/24/2019
EPA 624.1			1,2-Dichlorobenzene)			NELAP	VA	10/24/2019
EPA 624.1			1,2-Dichloroethan	е		NELAP	VA	10/24/2019
EPA 624.1			1,2-Dichloropropa	ine		NELAP	VA	10/24/2019
EPA 624.1			1,3-Dichlorobenze Dichlorobenzene)	ene (m-		NELAP	VA	10/24/2019







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**Enthalpy Analytical, LLC** 

DEP Laboratory ID:

68-03503

1941 Reymet Road

EPA Lab Code:

VA00913

Richmond, VA 23237 (804) 358-8295

TNI Code: TNI01248

Matrix: Non-Potable Water

Method	i avline	Revision	TNI Method Code	Analyte	TNI Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 624.1				1,4-Dichlorobenz Dichlorobenzene	ene (p- )		NELAP	VA	10/24/2019
EPA 624.1				2-Butanone (Meth	hyl ethyl ketone, MEK)		NELAP	VA	10/24/2019
EPA 624.1				2-Chloroethyl ving	yl ether		NELAP	VA	10/24/2019
EPA 624.1				4-Methyl-2-penta	none (MIBK)		NELAP	VA	10/24/2019
EPA 624.1				Acetone			NELAP	VA	10/24/2019
EPA 624.1				Acrolein (Propena	al)		NELAP	VA	10/24/2019
EPA 624.1				Acrylonitrile			NELAP	VA	10/24/2019
EPA 624.1				Benzene			NELAP	VA	10/24/2019
EPA 624.1				Bromodichlorome	ethane		NELAP	VA	10/24/2019
EPA 624.1				Bromoform			NELAP	VA	10/24/2019
EPA 624.1				Carbon tetrachlor	ride		NELAP	VA	10/24/2019
EPA 624.1				Chlorobenzene			NELAP	VA	10/24/2019
PA 624.1				Chloroethane			NELAP	VA	10/24/2019
PA 624.1				Chloroform			NELAP	VA	10/24/2019
PA 624.1				Dibromochlorome	ethane		NELAP	VA	10/24/2019
PA 624.1				Ethyl acetate			NELAP	VA	10/24/2019
PA 624.1				Ethylbenzene			NELAP	VA	10/24/2019
PA 624.1				Isopropyl acetate			NELAP	VA	10/24/2019
PA 624.1				Methyl bromide (	Bromomethane)		NELAP	VA	10/24/2019
PA 624.1				Methyl chloride (0	Chloromethane)		NELAP	VA	10/24/2019
PA 624.1				Methyl tert-butyl	ether (MTBE)		NELAP	VA	10/24/2019
EPA 624.1				Methylene chloric	de (Dichloromethane)		NELAP	VA	10/24/2019
EPA 624.1				Tetrachloroethen Perchloroethylen	e (PCE,		NELAP	VA	10/24/2019
EPA 624.1				Toluene			NELAP	VA	10/24/2019
PA 624.1				Trichloroethene (	TCE, Trichloroethylene)		NELAP	VA	10/24/2019
PA 624.1				Trichlorofluorome	ethane (Freon 11)		NELAP	VA	10/24/2019
EPA 624.1				Vinyl chloride (Ch	nloroethene)		NELAP	VA	10/24/2019
EPA 624.1				Xylenes, total			NELAP	VA	10/24/2019
EPA 624.1				cis-1,3-Dichlorop	ropene		NELAP	VA	10/24/2019
PA 624.1			y .	n-Amyl acetate (r	n-Pentyl acetate)		NELAP	VA	10/24/2019
PA 624.1				trans-1,2-Dichlore	oethene		NELAP	VA	10/24/2019
PA 624.1				trans-1,3-Dichlore			NELAP	VA	10/24/2019
EPA 625.1				1,2,4-Trichlorobe			NELAP	VA	10/24/2019
EPA 625.1				1,2-Diphenylhydr			NELAP	VA	10/24/2019
EPA 625.1					oropropane) (bis(2-		NELAP	VA	10/24/2019
EPA 625.1				2,3,7,8-TCDD (D			NELAP	VA	10/24/2019



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Issue Date: 03/29/2022 Page: 9 of 31 www.dep.state.pa.us





Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

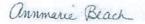
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Matrix: Non-Po					Declinate (1)	ment decided by
Method	Revision TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1	NV.	2,4,6-Trichlorophenol	-11, 1971	NELAP	VA	10/24/2019
EPA 625.1		2,4-Dichlorophenol		NELAP	VA	10/24/2019
EPA 625.1		2,4-Dimethylphenol		NELAP	VA	10/24/2019
EPA 625.1		2,4-Dinitrophenol		NELAP	VA	10/24/2019
EPA 625.1		2,4-Dinitrotoluene (2,4-DNT)		NELAP	VA	10/24/2019
EPA 625.1		2,6-Dinitrotoluene (2,6-DNT)		NELAP	VA	10/24/2019
EPA 625.1		2-Chloronaphthalene		NELAP	VA	10/24/2019
EPA 625.1		2-Chlorophenol		NELAP	VA	10/24/2019
EPA 625.1		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		NELAP	VA	10/24/2019
EPA 625.1		2-Methylphenol (o-Cresol)		NELAP	VA	10/24/2019
EPA 625.1		2-Nitrophenol		NELAP	VA	10/24/2019
EPA 625.1		3+4-Methylphenol (m+p-Cresol)		NELAP	VA	10/24/2019
EPA 625.1		3,3'-Dichlorobenzidine		NELAP	VA	10/24/2019
EPA 625.1		4-Bromophenyl phenyl ether		NELAP	VA	10/24/2019
EPA 625.1	. 100	4-Chloro-3-methylphenol		NELAP	VA	10/24/2019
EPA 625.1		4-Chlorophenyl phenyl ether		NELAP	VA	10/24/2019
EPA 625.1		4-Nitrophenol		NELAP	VA	10/24/2019
EPA 625.1		Acenaphthene		NELAP	VA	10/24/2019
EPA 625.1		Acenaphthylene	Consulternanion	NELAP	VA	10/24/2019
EPA 625.1		Anthracene		NELAP	VA	10/24/2019
EPA 625.1		Benzidine		NELAP	VA	10/24/2019
EPA 625.1		Benzo[a]anthracene		NELAP	VA	10/24/2019
EPA 625.1		Benzo[a]pyrene		NELAP	VA	10/24/2019
EPA 625.1		Benzo[b]fluoranthene		NELAP	VA	10/24/2019
EPA 625.1	47	Benzo[ghi]perylene		NELAP	VA	10/24/2019
EPA 625.1		Benzo[k]fluoranthene		NELAP	VA	10/24/2019
EPA 625.1		Benzoic acid		NELAP	VA	10/24/2019
EPA 625.1		Butyl benzyl phthalate (Benzyl butyl phthalate)		NELAP	VA	10/24/2019
EPA 625.1		Chrysene (Benzo[a]phenanthrene)		NELAP	VA	10/24/2019
EPA 625.1		Di-n-butyl phthalate		NELAP	VA	10/24/2019
EPA 625.1		Di-n-octyl phthalate		NELAP	VA	10/24/2019
EPA 625.1		Dibenzo[a,h]anthracene		NELAP	VA	10/24/2019
EPA 625.1		Diethyl phthalate		NELAP	VA	10/24/2019
EPA 625.1		Dimethyl phthalate		NELAP	VA	10/24/2019
EPA 625.1		Dinonyl phthalate		NELAP	VA	10/24/2019
EPA 625.1		Fluoranthene		NELAP	VA	10/24/2019
EPA 625.1		Fluorene		NELAP	VA	10/24/2019



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Page: 10 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

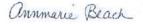
1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

TNI Code: TNI01248

Matrix: Non-Potable Water

Method	Witoo	Revision	TNI Method Code	Analyte	MT gtenA doco	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1				Hexachlorobenzene			NELAP	VA	10/24/2019
EPA 625.1				Hexachlorobutadiene (1 Hexachlorobutadiene)	1,3-		NELAP	VA	10/24/2019
EPA 625.1				Hexachlorocyclopentad	liene		NELAP	VA	10/24/2019
EPA 625.1				Hexachloroethane			NELAP .	VA	10/24/2019
EPA 625.1				Indeno(1,2,3-cd)pyrene	•		NELAP	VA	10/24/2019
EPA 625.1				Isophorone			NELAP	VA	10/24/2019
EPA 625.1				N-Nitrosodi-n-propylam	ine		NELAP	VA	10/24/2019
EPA 625.1				N-Nitrosodimethylamine	Э		NELAP	VA	10/24/2019
EPA 625.1		36		N-Nitrosodiphenylamine	Э		NELAP	VA	10/24/2019
EPA 625.1				Naphthalene			NELAP	VA	10/24/2019
EPA 625.1				Nitrobenzene			NELAP	VA	10/24/2019
EPA 625.1				Pentachlorophenol (PC	P)		NELAP	VA	10/24/2019
EPA 625.1				Phenanthrene			NELAP	VA	10/24/2019
EPA 625.1				Phenol			NELAP	VA	10/24/2019
EPA 625.1				Pyrene			NELAP	VA	10/24/2019
EPA 625.1				alpha-Terpineol			NELAP	VA	10/24/2019
EPA 625.1				bis(2-Chloroethoxy)met	thane		NELAP	VA	10/24/2019
EPA 625.1				bis(2-Chloroethyl) ether			NELAP	VA	10/24/2019
EPA 625.1				bis(2-Ethylhexyl) phthal	late (DEHP)		NELAP	VA	10/24/2019
EPA 7196		Α		Chromium VI			NELAP	VA	10/24/2019
EPA 7470		Α		Mercury			NELAP	VA	10/24/2019
EPA 8011				1,2,3-Trichloropropane	(1,2,3-TCP)		NELAP	VA	10/24/2019
EPA 8011				1,2-Dibromo-3-chloropro Dibromochloropropane)			NELAP	VA	10/24/2019
EPA 8011				1,2-Dibromoethane (ED dibromide)	B, Ethylene		NELAP	VA	10/24/2019
EPA 8015		С		Nonhalogenated organi	ics by GC/FID		NELAP	VA	10/24/2019
EPA 8015		C		Diesel-range organics (	DRO)		NELAP	VA	10/24/2019
EPA 8015		С		Gasoline-range organic	s (GRO)		NELAP	VA	10/24/2019
EPA 8015		С		Oil-range organics (OR	O)		NELAP	VA	10/24/2019
EPA 8021		В		VOCs by GC/PID/ELCE	)		NELAP	VA	10/24/2019
EPA 8021		В		Benzene			NELAP	VA	10/24/2019
EPA 8021		В		Ethylbenzene			NELAP	VA	10/24/2019
EPA 8021		В		Methyl tert-butyl ether (	MTBE)		NELAP	VA	10/24/2019
EPA 8021		В		Naphthalene			NELAP	VA	10/24/2019
EPA 8021		В		Toluene			NELAP	VA	10/24/2019
EPA 8021		В		Xylenes, total			NELAP	VA	10/24/2019
EPA 8021		В		m+p-Xylene			NELAP	VA	10/24/2019



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**DEP Laboratory ID:** 

68-03503

EPA Lab Code:

VA00913

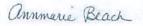
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Method		Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8021	1 S 45 T	В		o-Xylene		NELAP	VA	10/24/2019
EPA 8081		В		Organochlorine pesticides by GC/ECD		NELAP	VA	10/24/2019
EPA 8081		В		4,4'-DDD		NELAP	VA	10/24/2019
EPA 8081		В		4,4'-DDE		NELAP	VA	10/24/2019
EPA 8081		В		4,4'-DDT		NELAP	VA	10/24/2019
EPA 8081		В		Aldrin (HHDN)		NELAP	VA	10/24/2019
EPA 8081	17.20	В		Chlordane (tech.)		NELAP	VA	10/24/2019
EPA 8081		В		Dieldrin		NELAP	VA	10/24/2019
EPA 8081		В		Endosulfan I		NELAP	VA	10/24/2019
EPA 8081		В		Endosulfan II		NELAP	VA	10/24/2019
EPA 8081		В		Endosulfan sulfate		NELAP	VA	10/24/2019
EPA 8081		В		Endrin		NELAP	VA	10/24/2019
EPA 8081		В		Endrin aldehyde		NELAP	VA	10/24/2019
EPA 8081		В		Endrin ketone		NELAP	VA	10/24/2019
EPA 8081		В		Heptachlor		NELAP	VA	10/24/2019
EPA 8081		В		Heptachlor epoxide		NELAP	VA	10/24/2019
EPA 8081		В		Methoxychlor		NELAP	VA	10/24/2019
EPA 8081		В		Mirex		NELAP	VA	10/24/2019
EPA 8081		В		Toxaphene (Chlorinated camphene)		NELAP	VA	10/24/2019
EPA 8081		В		alpha-BHC (alpha- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8081		В		alpha-Chlordane		NELAP	VA	10/24/2019
EPA 8081		В		beta-BHC (beta-Hexachlorocyclohexane	e)	NELAP	VA	10/24/2019
EPA 8081		В		delta-BHC (delta- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8081		В		gamma-BHC (Lindane, gamma- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8081		В		gamma-Chlordane		NELAP	VA	10/24/2019
EPA 8082		A		PCBs by GC/ECD		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1016 (PCB-1016)		NELAP	VA	10/24/2019
EPA 8082		A		Aroclor-1221 (PCB-1221)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1232 (PCB-1232)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1242 (PCB-1242)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1248 (PCB-1248)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1254 (PCB-1254)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1260 (PCB-1260)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1262 (PCB-1262)		NELAP	VA	10/24/2019
EPA 8082		A		Aroclor-1268 (PCB-1268)		NELAP	VA	10/24/2019
EPA 8151		Α		Chlorinated herbicides by GC/ECD		NELAP	VA	10/24/2019



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Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC

DEP Laboratory ID: 68-03503

**EPA Lab Code:** 

VA00913

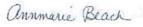
1941 Reymet Road Richmond, VA 23237

TNI Code: TNI01248

(804) 358-8295

Matrix: Non-Potable Water

Method		Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8151	rischaet	Α		2,4,5-T		NELAP	VA	10/24/2019
EPA 8151		Α		2,4,5-TP (Silvex)		NELAP	VA	10/24/2019
EPA 8151		Α		2,4-D		NELAP	VA	10/24/2019
EPA 8151		Α		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)		NELAP	VA	10/24/2019
EPA 8151		Α		Pentachlorophenol (PCP)		NELAP	VA	10/24/2019
EPA 8260		D		VOCs by GC/MS		NELAP	VA	10/24/2019
EPA 8260		D		1,1,1,2-Tetrachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,1-Trichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2,2-Tetrachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2-Trichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloroethene (1,1- Dichloroethylene)		NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloropropene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,3-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,3-Trichloropropane (1,2,3-TCP)		NELAP	VA	10/24/2019
EPA 8260		D		1,2,4-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,4-Trimethylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dibromoethane (EDB, Ethylene dibromide)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dichlorobenzene (o- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dichloropropane		NELAP	VA	10/24/2019
EPA 8260		D		1,3,5-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,3,5-Trimethylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,3-Dichlorobenzene (m- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8260		D		1,3-Dichloropropane		NELAP	VA	10/24/2019
EPA 8260		D		1,4-Dichlorobenzene (p- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8260		D		1,4-Dioxane (1,4-Diethyleneoxide)		NELAP	VA	10/24/2019
EPA 8260		D		2,2-Dichloropropane		NELAP	VA	10/24/2019
EPA 8260		D		2-Butanone (Methyl ethyl ketone, MEK)		NELAP	VA	10/24/2019
EPA 8260		D		2-Chloroethyl vinyl ether		NELAP	VA	10/24/2019
EPA 8260		D		2-Chlorotoluene		NELAP	VA	10/24/2019



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Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

1941 Reymet Road

EPA Lab Code:

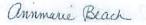
VA00913

TNI Code: TNI01248

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Method		Revision	TNI Analyte Method Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	ingues di	D	2-Hexanone		NELAP	VA	10/24/2019
EPA 8260		D	2-Picoline (2-Methy	/lpyridine)	NELAP	VA	10/24/2019
EPA 8260		D	4-Chlorotoluene		NELAP	VA	10/24/2019
EPA 8260		D	4-Methyl-2-pentane	one (MIBK)	NELAP	VA	10/24/2019
EPA 8260		D	Acetone		NELAP	VA	10/24/2019
EPA 8260		D	Acetonitrile		NELAP	VA	10/24/2019
EPA 8260		D	Acrolein (Propenal		NELAP	VA	10/24/2019
EPA 8260		D	Acrylonitrile		NELAP	VA	10/24/2019
EPA 8260		D	Allyl chloride (3-Ch	loropropene)	NELAP	VA	10/24/2019
EPA 8260		D	Benzene		NELAP	VA	10/24/2019
EPA 8260		D	Benzyl chloride		NELAP	VA	10/24/2019
EPA 8260		D	Bromobenzene		NELAP	VA	10/24/2019
EPA 8260		D	Bromochlorometha	ne	NELAP	VA	10/24/2019
EPA 8260		D	Bromodichloromet	nane	NELAP	VA	10/24/2019
EPA 8260		D	Bromoform		NELAP	VA	10/24/2019
EPA 8260		D	Carbon disulfide	. 40	NELAP	VA	10/24/2019
EPA 8260		D	Carbon tetrachlorid	le	NELAP	VA	10/24/2019
EPA 8260		D	Chlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D	Chloroethane		NELAP	VA	10/24/2019
EPA 8260		D	Chloroform		NELAP	VA	10/24/2019
EPA 8260		D	Chloroprene (2-Ch	loro-1,3-butadiene)	NELAP	VA	10/24/2019
EPA 8260		D	Cyclohexane	(equ)	NELAP	VA	10/24/2019
EPA 8260		D	Cyclohexanone	. Shinging Hospital	NELAP	VA	10/24/2019
EPA 8260		D	Dibromochloromet	nane	NELAP	VA	10/24/2019
EPA 8260		D	Dibromofluorometh	ane	NELAP	VA	10/24/2019
EPA 8260		D	Dibromomethane		NELAP	VA	10/24/2019
EPA 8260		D	Dichlorodifluorome	thane (Freon 12)	NELAP	VA	10/24/2019
EPA 8260		D	Diethyl ether (Ethy	ether)	NELAP	VA	10/24/2019
EPA 8260		D			NELAP	VA	10/24/2019
EPA 8260		D	The state of the s	m) em	NELAP	VA	10/24/2019
EPA 8260		D	Ethyl acetate		NELAP	VA	10/24/2019
EPA 8260		D	Ethyl methacrylate		NELAP	VA	10/24/2019
EPA 8260		D	Ethyl tert-butyl ethe	er (ETBE)	NELAP	VA	10/24/2019
EPA 8260		D	Ethylbenzene	The state of the s	NELAP	VA	10/24/2019
EPA 8260		D			NELAP	VA	10/24/2019
EPA 8260		D	Hexachlorobutadie Hexachlorobutadie	ne (1,3- ne)	NELAP	VA	10/24/2019
EPA 8260		D	Iodomethane (Met	nyl iodide)	NELAP	VA	10/24/2019
EPA 8260		D	Isobutyl alcohol (2-		NELAP	VA	10/24/2019



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**Enthalpy Analytical, LLC** 

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

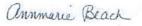
VA00913

TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Method		Revision	TNI Method	Analyte	TNI Analyte	Accreditation Type	Primary State	Effective Date
			Code		Code	туре	State	
EPA 8260	427 (0)	D		Isopropyl acetate	45.40	NELAP	VA	10/24/2019
EPA 8260		D		Isopropyl alcohol (2-Propanol)		NELAP	VA	10/24/2019
EPA 8260		D		Isopropylbenzene (Cumene)		NELAP	VA	10/24/2019
EPA 8260		D		Methacrylonitrile		NELAP	VA	10/24/2019
EPA 8260		D		Methyl acetate		NELAP	VA	10/24/2019
EPA 8260		D		Methyl bromide (Bromomethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methyl chloride (Chloromethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methyl tert-butyl ether (MTBE)		NELAP	VA	10/24/2019
EPA 8260		D		Methylcyclohexane		NELAP	VA	10/24/2019
EPA 8260		D		Methylene chloride (Dichloromethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methylmethacrylate		NELAP	VA	10/24/2019
EPA 8260		D		Naphthalene		NELAP	VA	10/24/2019
EPA 8260		D		Pentachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		Pentafluorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		Propionitrile (Ethyl cyanide)		NELAP	VA	10/24/2019
EPA 8260		D		Styrene		NELAP	VA	10/24/2019
EPA 8260		D		Tetrachloroethene (PCE, Perchloroethylene)		NELAP	VA	10/24/2019
EPA 8260		D		Toluene		NELAP	VA	10/24/2019
EPA 8260		D		Trichloroethene (TCE, Trichloroethylene)		NELAP	VA	10/24/2019
EPA 8260		D		Trichlorofluoromethane (Freon 11)		NELAP	VA	10/24/2019
EPA 8260		D		Vinyl acetate		NELAP	VA	10/24/2019
EPA 8260		D		Vinyl chloride (Chloroethene)		NELAP	VA	10/24/2019
EPA 8260		D		Xylenes, total		NELAP	VA	10/24/2019
EPA 8260		D		cis-1,2-Dichloroethene		NELAP	VA	10/24/2019
EPA 8260		D		cis-1,3-Dichloropropene		NELAP	VA	10/24/2019
EPA 8260		D		cis-1,4-Dichloro-2-butene		NELAP	VA	10/24/2019
EPA 8260		D		m+p-Xylene		NELAP	VA	10/24/2019
EPA 8260		D		n-Butylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		n-Hexane		NELAP	VA	10/24/2019
EPA 8260		D		n-Propylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		o-Xylene		NELAP	VA	10/24/2019
EPA 8260		D		p-Isopropyltoluene (4-Isopropyltoluene)		NELAP	VA	10/24/2019
EPA 8260		D		sec-Butylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		tert-Amyl alcohol (2-Methyl-2-butanol)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Amyl ethyl ether (TAEE)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Amyl methyl ether (TAME)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Butyl alcohol (2-Methyl-2-propanol)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Butylbenzene		NELAP	VA	10/24/2019



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Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Method	Revision TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	trans-1,2-Dichloroethene		NELAP	VA	10/24/2019
EPA 8260	D	trans-1,3-Dichloropropene		NELAP	VA	10/24/2019
EPA 8260	D	trans-1,4-Dichloro-2-butene		NELAP	VA	10/24/2019
EPA 8260 SIM	D	1,4-Dioxane (1,4-Diethyleneoxide)		NELAP	VA	10/24/2019
EPA 8270	E MV	SOCs by GC/MS		NELAP	VA	10/24/2019
EPA 8270	E	1,1'-Biphenyl (Biphenyl, Lemonene)		NELAP	VA	10/24/2019
EPA 8270	E	1,2,4,5-Tetrachlorobenzene		NELAP	VA	10/24/2019
EPA 8270	E - 17	1,2,4-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8270	E AV	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)		NELAP	VA	10/24/2019
EPA 8270	E	1,2-Dichlorobenzene (o- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8270	E W	1,2-Dinitrobenzene (1,2-DNB)		NELAP	VA	10/24/2019
EPA 8270	E	1,2-Diphenylhydrazine		NELAP	VA	10/24/2019
EPA 8270	E	1,3,5-Trinitrobenzene (1,3,5-TNB)		NELAP	VA	10/24/2019
EPA 8270	E	1,3-Dichlorobenzene (m- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8270	E AV	1,3-Dinitrobenzene (1,3-DNB)		NELAP	VA	10/24/2019
EPA 8270	E	1,4-Dichlorobenzene (p- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8270	E au	1,4-Dinitrobenzene (1,4-DNB)		NELAP	VA	10/24/2019
EPA 8270	E	1,4-Naphthoquinone		NELAP	VA	10/24/2019
EPA 8270	E	1,4-Phenylenediamine		NELAP	VA	10/24/2019
EPA 8270	E AV	1-Chloronaphthalene		NELAP	VA	10/24/2019
EPA 8270	E AV	1-Methylnaphthalene		NELAP	VA	10/24/2019
EPA 8270	E	1-Naphthylamine (alpha-Naphthylamine)		NELAP	VA	10/24/2019
EPA 8270	E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)		NELAP	VA	10/24/2019
EPA 8270	E	2,3,4,6-Tetrachlorophenol		NELAP	VA	10/24/2019
EPA 8270	E	2,4,5-Trichlorophenol		NELAP	VA	10/24/2019
EPA 8270	Е	2,4,6-Trichlorophenol		NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dichlorophenol		NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dimethylphenol		NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrophenol		NELAP	VA	10/24/2019
EPA 8270	E	2,4-Dinitrotoluene (2,4-DNT)		NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dichlorophenol		NELAP	VA	10/24/2019
EPA 8270	E	2,6-Dinitrotoluene (2,6-DNT)		NELAP	VA	10/24/2019
EPA 8270	E	2-Acetylaminofluorene		NELAP	VA	10/24/2019
EPA 8270	E	2-Chloronaphthalene		NELAP	VA	10/24/2019
EPA 8270	E	2-Chlorophenol		NELAP	VA	10/24/2019



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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

1941 Reymet Road

EPA Lab Code:

VA00913

VA00913

TNI Code: TNI01248

Richmond, VA 23237

(804) 358-8295

Matrix: Non-Potable Water

Method	eqtive :	Revision	TNI Method Code	Analyte	TMI Analyte Code	TNI A Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	17508000	E	V	2-Methyl-4,6-dinitr methylphenol)	rophenol (4,6-Dinitro-2-	di d	NELAP	VA	10/24/2019
EPA 8270		E		2-Methylnaphthale	ene		NELAP	VA	10/24/2019
EPA 8270		E		2-Methylphenol (o	-Cresol)		NELAP	VA	10/24/2019
EPA 8270		E		2-Naphthylamine	(beta-Naphthylamine)		NELAP	VA	10/24/2019
EPA 8270		E		2-Nitroaniline	20		NELAP	VA	10/24/2019
EPA 8270		E		2-Nitrophenol			NELAP	VA	10/24/2019
EPA 8270		E		2-Picoline (2-Meth	ylpyridine)		NELAP	VA	10/24/2019
EPA 8270		E		3+4-Methylphenol	(m+p-Cresol)		NELAP	VA	10/24/2019
EPA 8270		E		3,3'-Dichlorobenzi	dine ·		NELAP	VA	10/24/2019
EPA 8270		E		3,3'-Dimethylbenz	idine		NELAP	VA	10/24/2019
EPA 8270		E		3-Methylcholanthr	ene		NELAP	VA	10/24/2019
EPA 8270		E		3-Nitroaniline			NELAP	VA	10/24/2019
EPA 8270		E		4,4'-Methylenebis	(2-chloroaniline)		NELAP	VA	10/24/2019
EPA 8270		E		4,4'-Methylenebis	(N N-dimethylaniline)		NELAP	VA	10/24/2019
EPA 8270		E		4-Aminobiphenyl			NELAP	VA	10/24/2019
EPA 8270		E		4-Bromophenyl ph	nenyl ether		NELAP	VA	10/24/2019
EPA 8270		E		4-Chloro-3-methyl	phenol		NELAP	VA	10/24/2019
EPA 8270		E		4-Chloroaniline			NELAP	VA	10/24/2019
EPA 8270		E		4-Chlorophenyl ph	nenyl ether		NELAP	VA	10/24/2019
EPA 8270		E		4-Dimethylaminoa (Dimethylaminoaz			NELAP	VA	10/24/2019
EPA 8270		E		4-Nitroaniline			NELAP	VA	10/24/2019
EPA 8270		E		4-Nitrophenol			NELAP	VA	10/24/2019
EPA 8270		E		4-Nitroquinoline-1	-oxide		NELAP	VA	10/24/2019
EPA 8270		E		5-Nitro-o-toluidine			NELAP	VA	10/24/2019
EPA 8270		E		7,12-Dimethylben	z(a)anthracene		NELAP	VA	10/24/2019
EPA 8270		E		Acenaphthene			NELAP	VA	10/24/2019
EPA 8270		E		Acenaphthylene			NELAP	VA	10/24/2019
EPA 8270		E		Acetophenone			NELAP	VA	10/24/2019
EPA 8270		E		Aniline			NELAP	VA	10/24/2019
EPA 8270		E		Anthracene			NELAP	VA	10/24/2019
EPA 8270		E		Aramite			NELAP	VA	10/24/2019
EPA 8270		E		Atrazine			NELAP	VA	10/24/2019
EPA 8270		Е		Azinphos-methyl (	(Guthion)		NELAP	VA	10/24/2019
EPA 8270		E		Azobenzene	2		NELAP	VA	10/24/2019
EPA 8270		E		Benzaldehyde		aneg	NELAP	VA	10/24/2019
EPA 8270		E		Benzidine			NELAP	VA	10/24/2019
EPA 8270		E		Benzo[a]anthrace	ne		NELAP	VA	10/24/2019



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Page: 17 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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Enthalpy Analytical, LLC

DEP Laboratory ID:

68-03503

**EPA Lab Code:** 

VA00913

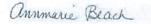
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Non-Potable Water

Method	Revision	n TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	AV	Benzo[a]pyrene	(A) I relici	NELAP	VA	10/24/2019
EPA 8270	E		Benzo[b]fluoranthene		NELAP	VA	10/24/2019
EPA 8270	E		Benzo[ghi]perylene		NELAP	VA	10/24/2019
EPA 8270	E		Benzo[k]fluoranthene		NELAP	VA	10/24/2019
EPA 8270	E		Benzoic acid		NELAP	VA	10/24/2019
EPA 8270	E		Benzyl alcohol		NELAP	VA	10/24/2019
EPA 8270	Е		Butyl benzyl phthalate (Benzyl butyl phthalate)		NELAP	VA	10/24/2019
EPA 8270	E		Caprolactam		NELAP	VA	10/24/2019
EPA 8270	E		Carbazole		NELAP	VA	10/24/2019
EPA 8270	E		Chlorobenzilate		NELAP	VA	10/24/2019
EPA 8270	E		Chrysene (Benzo[a]phenanthrene)		NELAP	VA	10/24/2019
EPA 8270	E		Di-n-butyl phthalate		NELAP	VA	10/24/2019
EPA 8270	E		Di-n-octyl phthalate		NELAP	VA	10/24/2019
EPA 8270	E		Diallate (cis or trans)		NELAP	VA	10/24/2019
EPA 8270	E		Dibenz[a,j]acridine		NELAP	VA	10/24/2019
EPA 8270	E		Dibenzo[a,h]anthracene		NELAP	VA	10/24/2019
EPA 8270	E		Dibenzofuran		NELAP	VA	10/24/2019
EPA 8270	E	Me	Diethyl phthalate		NELAP	VA	10/24/2019
EPA 8270	E		Dimethoate		NELAP	VA	10/24/2019
EPA 8270	E		Dimethyl phthalate		NELAP	VA	10/24/2019
EPA 8270	E		Dinonyl phthalate		NELAP	VA	10/24/2019
EPA 8270	E		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)		NELAP	VA	10/24/2019
EPA 8270	E		Diphenylamine		NELAP	VA	10/24/2019
EPA 8270	E		Disulfoton		NELAP	VA	10/24/2019
EPA 8270	E		Ethyl methanesulfonate		NELAP	VA	10/24/2019
EPA 8270	E		Famphur		NELAP	VA	10/24/2019
EPA 8270	E		Fluoranthene		NELAP	VA	10/24/2019
EPA 8270	E		Fluorene		NELAP	VA	10/24/2019
EPA 8270	E		Hexachlorobenzene		NELAP	VA	10/24/2019
EPA 8270	E		Hexachlorobutadiene (1,3- Hexachlorobutadiene)		NELAP	VA	10/24/2019
EPA 8270	E		Hexachlorocyclopentadiene		NELAP	VA	10/24/2019
EPA 8270	E		Hexachloroethane		NELAP	VA	10/24/2019
EPA 8270	E		Hexachlorophene		NELAP	VA	10/24/2019
EPA 8270	E		Hexachloropropene		NELAP	VA	10/24/2019
EPA 8270	E		Indeno(1,2,3-cd)pyrene		NELAP	VA	10/24/2019
EPA 8270	E		Isodrin		NELAP	VA	10/24/2019







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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

Richmond, VA 23237

1941 Reymet Road

(804) 358-8295

TNI Code: TNI01248

Matrix: Non-Potable Water

Method	ective!	Revision	TNI Method Code	Analyte	TNJ Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	neght-or	Е		Isophorone	Des	rengêsMeste u c	NELAP	VA	10/24/2019
EPA 8270		E		Isosafrole			NELAP	VA	10/24/2019
EPA 8270		E		Kepone			NELAP .	VA	10/24/2019
EPA 8270		E		Malathion			NELAP	VA	10/24/2019
EPA 8270		E		Methapyrilene			NELAP	VA	10/24/2019
EPA 8270		E		Methyl methanesulfo	nate		NELAP	VA	10/24/2019
EPA 8270		Æ		Methyl parathion (Pa	rathion, methyl)		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosodi-n-butylar	mine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosodi-n-propyla	amine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosodiethylamin	e		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosodimethylam	nine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosodiphenylam	nine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosomethylethyl	lamine		NELAP	VA	10/24/2019
EPA 8270		E /		N-Nitrosomorpholine			NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosopiperidine			NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosopyrrolidine			NELAP	VA	10/24/2019
EPA 8270		E		Naphthalene			NELAP	VA	10/24/2019
EPA 8270		E		Nicotine			NELAP	VA	10/24/2019
EPA 8270		E		Nitrobenzene			NELAP	VA	10/24/2019
EPA 8270		E		O,O,O-Triethyl phosp	ohorothioate		NELAP	VA	10/24/2019
EPA 8270		E		Parathion, ethyl (Ethy Parathion)	yl parathion,		NELAP	VA	10/24/2019
EPA 8270		E		Pentachlorobenzene			NELAP	VA	10/24/2019
EPA 8270		E		Pentachloronitrobenz	zene (PCNB)		NELAP	VA	10/24/2019
EPA 8270		E		Pentachlorophenol (F	PCP)		NELAP	VA	10/24/2019
EPA 8270		E		Phenacetin			NELAP	VA	10/24/2019
EPA 8270		E		Phenanthrene			NELAP	VA	10/24/2019
EPA 8270		E		Phenol			NELAP	VA	10/24/2019
EPA 8270		E		Phorate (Thimet)			NELAP	VA	10/24/2019
EPA 8270		E		Pronamide (Kerb)			NELAP	VA	10/24/2019
EPA 8270		E		Pyrene			NELAP	VA	10/24/2019
EPA 8270		E		Pyridine			NELAP	VA	10/24/2019
EPA 8270		E		Safrole			NELAP	VA	10/24/2019
EPA 8270		E		Thionazine (Thionazi	in, Zinophos)		NELAP	VA	10/24/2019
EPA 8270		E		a,a-Dimethylpheneth (Phentermine)	ylamine		NELAP	VA	10/24/2019
EPA 8270		E		bis(2-Chloroethoxy)n	nethane		NELAP	VA	10/24/2019
EPA 8270		E		bis(2-Chloroethyl) etl	her		NELAP	VA	10/24/2019
EPA 8270		E		bis(2-Ethylhexyl) pht	halate (DEHP)		NELAP	VA	10/24/2019



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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

1941 Reymet Road

EPA Lab Code:

VA00913 Richmond, VA 23237 TNI Code

TNI Code: TNI01248

(804) 358-8295

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	A	o-Toluidine (2-Toluidine, 2-Methylanilin	e)	NELAP	VA	10/24/2019
EPA 9012	В		Total cyanide		NELAP	VA	10/24/2019
EPA 9020	В		Total organic halides (TOX)		NELAP	VA	10/24/2019
EPA 9056	- A		Anions by IC		NELAP	VA	10/24/2019
EPA 9056	Α		Bromide		NELAP	VA	10/24/2019
EPA 9056	Α		Chloride		NELAP	VA	10/24/2019
EPA 9056	A		Fluoride		NELAP	VA	10/24/2019
EPA 9056	Α		Nitrate as N		NELAP	VA	10/24/2019
EPA 9056	A		Nitrite as N		NELAP	VA	10/24/2019
EPA 9056	Α		Sulfate		NELAP	VA	10/24/2019
EPA 9060	A		Total organic carbon (TOC)		NELAP	VA	10/24/2019
EPA 9065			Total phenolics		NELAP	VA	10/24/2019
EPA 9215			Sulfide		NELAP	VA	10/24/2019
RSK-175			Ethane		NELAP	VA	10/24/2019
RSK-175			Ethene		NELAP	VA	10/24/2019
RSK-175			Methane		NELAP	VA	10/24/2019
SM 2130 B			Turbidity		NELAP	VA	10/24/2019
SM 2310 B			Acidity as CaCO3		NELAP	VA	10/24/2019
SM 2320 B			Alkalinity as CaCO3		NELAP	VA	10/24/2019
SM 2510 B			Conductivity		NELAP	VA	10/24/2019
SM 2540 B			Residue, total		NELAP	VA	10/24/2019
SM 2540 C			Residue, filterable (TDS)		NELAP	VA	10/24/2019
SM 2540 D		St	Residue, nonfilterable (TSS)		NELAP	VA	10/24/2019
SM 2540 F			Residue, settleable		NELAP	VA	10/24/2019
SM 3500-Cr B	20-22		Chromium VI		NELAP	VA	10/24/2019
SM 4500-CN- C/E			Total cyanide		NELAP	VA	10/24/2019
SM 4500-NO2- B			Nitrite as N		NELAP	VA	10/24/2019
SM 4500-NO3- F			Nitrate as N		NELAP	VA	10/24/2019
SM 4500-NO3- F		Y	Total nitrate-nitrite		NELAP	VA	10/24/2019
SM 4500-P B			Preliminary treatment of phosphate samples		NELAP	VA	10/24/2019
SM 4500-P E			Orthophosphate as P		NELAP	VA	10/24/2019
SM 4500-P E			Phosphorus, total		NELAP	VA	10/24/2019
SM 4500-S2- F			Sulfide		NELAP	VA	10/24/2019
SM 5210 B			Biochemical oxygen demand (BOD)		NELAP	VA	10/24/2019
SM 5210 B			Carbonaceous BOD (CBOD)		NELAP	VA	10/24/2019
SM 5220 D			Chemical oxygen demand (COD)		NELAP	VA	10/24/2019
SM 5310 C			Total organic carbon (TOC)		NELAP	VA	10/24/2019
SM 5540 C			Surfactants as MBAS		NELAP	VA	10/24/2019







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68-03503

1941 Reymet Road

**EPA Lab Code:** 

VA00913

Richmond, VA 23237 (804) 358-8295

TNI Code: TNI01248

Matrix: Non-Potable Water

Method

Revision

TNI Method Code

Analyte

TNI Analyte Code

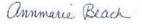
Accreditation Type

Primary State

**Effective Date** 

Matrix: Solid and Chemical Materials

Method	batzarra. Datzarra.	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 1010		В		Flashpoint		NELAP	PA	05/13/2021
EPA 1311				Toxicity characteristic leaching procedure (TCLP)		NELAP	VA	10/24/2019
EPA 1312				Synthetic precipitation leaching procedure (SPLP)		NELAP	VA	10/24/2019
EPA 3050		В		Acid digestion of solids		NELAP	VA	10/24/2019
EPA 3060		Α		Alkaline digestion of Cr(VI)		NELAP	VA	10/24/2019
EPA 350.1		2.0		Ammonia as N		NELAP	VA	10/24/2019
EPA 351.2				Kjeldahl nitrogen, total (TKN)		NELAP	VA	10/24/2019
EPA 3550		С		Ultrasonic extraction		NELAP	VA	10/24/2019
EPA 3580		Α		Waste dilution		NELAP	VA	10/24/2019
EPA 3585				Waste dilution for VOCs		NELAP	VA	10/24/2019
EPA 3665		Α		Sulfuric acid/permanganate clean-up		NELAP	VA	10/24/2019
EPA 5035				Closed-system purge-and-trap (bisulfate option)		NELAP	VA	10/24/2019
EPA 5035				Closed-system purge-and-trap (methanol option)		NELAP	VA	10/24/2019
EPA 5035				Closed-system purge-and-trap (unpreserved)		NELAP	VA	10/24/2019
EPA 6010		D		Metals by ICP/AES		NELAP	VA	06/29/2020
EPA 6010		D		Aluminum		NELAP	VA	06/29/2020
EPA 6010		D		Antimony		NELAP	VA	06/29/2020
EPA 6010		D		Arsenic		NELAP	VA	06/29/2020
EPA 6010		D		Barium		NELAP	VA	06/29/2020
EPA 6010		D		Beryllium		NELAP	VA	06/29/2020
EPA 6010		D		Boron		NELAP	VA	06/29/2020
EPA 6010		D		Cadmium		NELAP	VA	06/29/2020
EPA 6010		D		Calcium		NELAP	VA	06/29/2020
EPA 6010		D		Chromium		NELAP	VA	06/29/2020
EPA 6010		D		Cobalt	is .	NELAP	VA	06/29/2020
EPA 6010		D		Copper		NELAP	VA	06/29/2020
EPA 6010		D		Iron		NELAP	VA	06/29/2020
EPA 6010		D		Lead		NELAP	VA	06/29/2020
EPA 6010		D		Magnesium		NELAP	VA	06/29/2020



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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

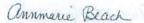
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	HAT. algend. she'd	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	D		Manganese			NELAP	VA	06/29/2020
EPA 6010	D		Molybdenum			NELAP	VA	06/29/2020
EPA 6010	D		Nickel			NELAP	VA	06/29/2020
EPA 6010	D		Potassium			NELAP	VA	06/29/2020
EPA 6010	D		Selenium			NELAP	VA	06/29/2020
EPA 6010	D		Silica, as SiO2			NELAP	VA	06/29/2020
EPA 6010	D		Silver			NELAP	VA	06/29/2020
EPA 6010	D		Sodium			NELAP	VA	06/29/2020
EPA 6010	D		Strontium			NELAP	VA	06/29/2020
EPA 6010	D		Thallium			NELAP	VA	06/29/2020
EPA 6010	D		Tin			NELAP	VA	06/29/2020
EPA 6010	D		Titanium			NELAP	VA	06/29/2020
EPA 6010	D		Vanadium			NELAP	VA	06/29/2020
EPA 6010	. D		Zinc			NELAP	VA	06/29/2020
EPA 6020	В		Metals by ICP/MS			NELAP	VA	06/29/2020
EPA 6020	В		Antimony			NELAP	VA	06/29/2020
EPA 6020	В		Arsenic			NELAP	VA	06/29/2020
EPA 6020	В		Barium			NELAP	VA	06/29/2020
EPA 6020	В		Beryllium			NELAP	VA	06/29/2020
EPA 6020	В		Cadmium			NELAP	VA	06/29/2020
EPA 6020	В		Chromium			NELAP	VA	06/29/2020
EPA 6020	В		Cobalt			NELAP	VA	06/29/2020
EPA 6020	В		Copper		The Company	NELAP	VA	06/29/2020
EPA 6020	В		Lead			NELAP	VA	06/29/2020
EPA 6020	В		Manganese			NELAP	VA	06/29/2020
EPA 6020	В		Molybdenum			NELAP	VA	06/29/2020
EPA 6020	В		Nickel			NELAP	VA	06/29/2020
EPA 6020	В		Selenium			NELAP	VA	06/29/2020
EPA 6020	В		Silver			NELAP	VA	06/29/2020
EPA 6020	В		Thallium			NELAP	VA	06/29/2020
EPA 6020	В		Vanadium			NELAP	VA	06/29/2020
EPA 6020	В		Zinc			NELAP	VA	06/29/2020
EPA 7196	Α		Chromium VI			NELAP	VA	10/24/2019
EPA 7471	В		Mercury			NELAP	VA	10/24/2019
EPA 8015	С		Diesel-range organi	cs (DRO)		NELAP	VA	10/24/2019
EPA 8015	C		Gasoline-range orga			NELAP	VA	10/24/2019
EPA 8015	С		Oil-range organics (			NELAP	VA	10/24/2019
EPA 8021	В		VOCs by GC/PID/E			NELAP	VA	10/24/2019







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**Enthalpy Analytical, LLC** 

**DEP Laboratory ID:** 

68-03503

VA00913

EPA Lab Code:

1941 Reymet Road

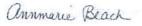
TNI Code: TNI01248

Richmond, VA 23237

(804) 358-8295

Matrix: Solid and Chemical Materials

EPA 8021         B         Elhybenzene         NELAP         VA         10/24/25           EPA 8021         B         Methyl tert-butyl ether (MTBE)         NELAP         VA         10/24/25           EPA 8021         B         Naphthalene         NELAP         VA         10/24/25           EPA 8021         B         Toluene         NELAP         VA         10/24/25           EPA 8021         B         Xylenes, total         NELAP         VA         10/24/25           EPA 8021         B         o-Xylene         NELAP         VA         10/24/25           EPA 8021         B         o-Xylene         NELAP         VA         10/24/25           EPA 8081         B         O-Tagnochtorine pesticides by GC/ECD         NELAP         VA         10/24/25           EPA 8081         B         4,4*-DDE         NELAP         VA         10/24/25           EPA 8081         B         4,4*-DDT         NELAP         VA         10/24/25           EPA 8081         B         A (4*-DDT         NELAP         VA         10/24/25           EPA 8081         B         A (4*-DDT         NELAP         VA         10/24/25           EPA 8081         B         A (4*-D	Method	etive i	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8021         B         Methyl tert-butyl ether (MTBE)         NELAP         VA         10/24/20           EPA 8021         B         Naphthalene         NELAP         VA         10/24/20           EPA 8021         B         Toluene         NELAP         VA         10/24/20           EPA 8021         B         Toluene         NELAP         VA         10/24/20           EPA 8021         B         my-Xylene         NELAP         VA         10/24/20           EPA 8021         B         my-Xylene         NELAP         VA         10/24/20           EPA 8031         B         O-Xylene         NELAP         VA         10/24/20           EPA 8081         B         Organochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         4,4*-DDE         NELAP         VA         10/24/20           EPA 8081         B         4,4*-DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Endo	EPA 8021		В		Benzene	15851-865	NELAP	VA	10/24/2019
EPA 8021         B         Naphthalene         NELAP         VA         10/24/20           EPA 8021         B         Toluene         NELAP         VA         10/24/20           EPA 8021         B         Xylenes, total         NELAP         VA         10/24/20           EPA 8021         B         m+p-Xylene         NELAP         VA         10/24/20           EPA 8021         B         m-xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Zylene         NELAP         VA         10/24/20           EPA 8081         B         O-Zylene         NELAP         VA         10/24/20           EPA 8081         B         4,4'-DDE         NELAP         VA         10/24/20           EPA 8081         B         4,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlodriane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP	EPA 8021		В		Ethylbenzene		NELAP	VA	10/24/2019
EPA 8021         B         Toluene         NELAP         VA         10/24/20           EPA 8021         B         Xylenes, total         NELAP         VA         10/24/20           EPA 8021         B         m*p-Xylene         NELAP         VA         10/24/20           EPA 8021         B         o-Xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Yanochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         O-Yanochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         O-Yanochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         O-Yanochlorine         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 808	EPA 8021		В		Methyl tert-butyl ether (MTBE)		NELAP	VA	10/24/2019
EPA 8021         B         Xylenes, total         NELAP         VA         10/24/20           EPA 8021         B         mtp-Xylene         NELAP         VA         10/24/20           EPA 8021         B         o-Xylene         NELAP         VA         10/24/20           EPA 8081         B         O-Tryanochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         4,4*DDD         NELAP         VA         10/24/20           EPA 8081         B         4,4*DDT         NELAP         VA         10/24/20           EPA 8081         B         4,4*DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan II         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan II         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I	EPA 8021		В		Naphthalene		NELAP	VA	10/24/2019
EPA 8021         B         m+p-Xylene         NELAP         VA         10/24/20           EPA 8021         B         o-Xylene         NELAP         VA         10/24/20           EPA 8081         B         Organochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         4,4*-DDD         NELAP         VA         10/24/20           EPA 8081         B         4,4*-DDT         NELAP         VA         10/24/20           EPA 8081         B         A,4*-DDT         NELAP         VA         10/24/20           EPA 8081         B         A,4*-DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin aldehy	EPA 8021		В		Toluene		NELAP	VA	10/24/2019
EPA 8021         B         o-Xylene         NELAP         VA         10/24/20           EPA 8081         B         Organochlorine pesticides by GC/ECD         NELAP         VA         10/24/20           EPA 8081         B         4,4'-DDE         NELAP         VA         10/24/20           EPA 8081         B         4,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         A,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         A,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         A,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan II         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin         NELAP         VA         10/24/20           EPA 8081         B         Endrin keton	EPA 8021		В		Xylenes, total		NELAP	VA	10/24/2019
EPA 8081 B Organochlorine pesticides by GC/ECD NELAP VA 10/24/20 EPA 8081 B 4,4*DDD NELAP VA 10/24/20 EPA 8081 B 4,4*DDE NELAP VA 10/24/20 EPA 8081 B 4,4*DDT NELAP VA 10/24/20 EPA 8081 B 4,4*DDT NELAP VA 10/24/20 EPA 8081 B A,4*DDT NELAP VA 10/24/20 EPA 8081 B A,4*DDT NELAP VA 10/24/20 EPA 8081 B Aldrin (HHDN) NELAP VA 10/24/20 EPA 8081 B Dieldrin NELAP VA 10/24/20 EPA 8081 B Dieldrin NELAP VA 10/24/20 EPA 8081 B Endosulfan I NELAP VA 10/24/20 EPA 8081 B Endosulfan I NELAP VA 10/24/20 EPA 8081 B Endosulfan II NELAP VA 10/24/20 EPA 8081 B Endosulfan sulfate NELAP VA 10/24/20 EPA 8081 B Endosulfan sulfate NELAP VA 10/24/20 EPA 8081 B Endosulfan sulfate NELAP VA 10/24/20 EPA 8081 B Endrin aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin eldehyde NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Methoxychlor	EPA 8021		В		m+p-Xylene	e ing soft on a	NELAP	VA	10/24/2019
EPA 8081         B         4,4*DDD         NELAP         VA         10/24/20           EPA 8081         B         4,4*DDT         NELAP         VA         10/24/20           EPA 8081         B         4,4*DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan II         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin         NELAP         VA         10/24/20           EPA 8081         B         Endrin aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin aldehyde <td< td=""><td>EPA 8021</td><td></td><td>В</td><td></td><td>o-Xylene</td><td></td><td>NELAP</td><td>VA</td><td>10/24/2019</td></td<>	EPA 8021		В		o-Xylene		NELAP	VA	10/24/2019
EPA 8081         B         4,4'-DDE         NELAP         VA         10/24/20           EPA 8081         B         4,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan II         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor spoxide<	EPA 8081		В		Organochlorine pesticides by GC/ECD		NELAP	VA	10/24/2019
EPA 8081         B         4,4'-DDT         NELAP         VA         10/24/20           EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan III         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan Sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan Sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin Aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin Aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor         NELAP         VA         10/24/20           EPA 8081         B         Metho	EPA 8081		В		4,4'-DDD		NELAP	VA	10/24/2019
EPA 8081         B         Aldrin (HHDN)         NELAP         VA         10/24/20           EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan III         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan Sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan Sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin Aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor epoxide         NELAP         VA         10/24/20           EPA 8081         B         Methoxychlor         NELAP         VA         10/24/20           EPA 8081         B <t< td=""><td>EPA 8081</td><td></td><td>В</td><td></td><td>4,4'-DDE</td><td></td><td>NELAP</td><td>VA</td><td>10/24/2019</td></t<>	EPA 8081		В		4,4'-DDE		NELAP	VA	10/24/2019
EPA 8081         B         Chlordane (tech.)         NELAP         VA         10/24/20           EPA 8081         B         Dieldrin         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan I         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endosulfan sulfate         NELAP         VA         10/24/20           EPA 8081         B         Endrin         NELAP         VA         10/24/20           EPA 8081         B         Endrin aldehyde         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Endrin ketone         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor         NELAP         VA         10/24/20           EPA 8081         B         Heptachlor         NELAP         VA         10/24/20           EPA 8081         B         Methoxychlor         NELAP         VA         10/24/20           EPA 8081         B         Jalpha-BHC (al	EPA 8081		В		4,4'-DDT		NELAP	VA	10/24/2019
Pack   B	EPA 8081		В		Aldrin (HHDN)		NELAP	VA	10/24/2019
EPA 8081 B Endosulfan I NELAP VA 10/24/20 EPA 8081 B Endosulfan II NELAP VA 10/24/20 EPA 8081 B Endosulfan Sulfate NELAP VA 10/24/20 EPA 8081 B Endosulfan Sulfate NELAP VA 10/24/20 EPA 8081 B Endrin MELAP VA 10/24/20 EPA 8081 B Endrin Aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin ketone NELAP VA 10/24/20 EPA 8081 B Endrin ketone NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Methoxychlor NELAP VA 10/24/20 EPA 8081 B Methoxychlor NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Toxaphene (Chlorinated camphene) NELAP VA 10/24/20 EPA 8081 B Jalpha-BHC (alpha-Hexachlorocyclohexane) EPA 8081 B Jalpha-Chlordane NELAP VA 10/24/20 EPA 8082 A PCBs by GC/ECD NELAP VA 10/24/20 EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20	EPA 8081		В		Chlordane (tech.)		NELAP	VA	10/24/2019
EPA 8081 B Endosulfan II NELAP VA 10/24/20 EPA 8081 B Endosulfan sulfate NELAP VA 10/24/20 EPA 8081 B Endorin NELAP VA 10/24/20 EPA 8081 B Endrin aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin ketone NELAP VA 10/24/20 EPA 8081 B Heptachlor EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Methoxychlor NELAP VA 10/24/20 EPA 8081 B Methoxychlor NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Toxaphene (Chlorinated camphene) NELAP VA 10/24/20 EPA 8081 B Jalpha-BHC (alpha-Hexachlorocyclohexane) EPA 8081 B Jalpha-Chlordane NELAP VA 10/24/20 EPA 8082 A PCBs by GC/ECD NELAP VA 10/24/20 EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20 EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20 EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20	EPA 8081		В		Dieldrin		NELAP	VA	10/24/2019
EPA 8081   B	EPA 8081		В		Endosulfan I		NELAP	VA	10/24/2019
EPA 8081   B	PA 8081		В		Endosulfan II		NELAP	VA	10/24/2019
EPA 8081 B Endrin aldehyde NELAP VA 10/24/20 EPA 8081 B Endrin ketone NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Heptachlor NELAP VA 10/24/20 EPA 8081 B Heptachlor epoxide NELAP VA 10/24/20 EPA 8081 B Methoxychlor NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Mirex NELAP VA 10/24/20 EPA 8081 B Toxaphene (Chlorinated camphene) NELAP VA 10/24/20 EPA 8081 B Japha-BHC (alpha-Hexachlorocyclohexane) EPA 8081 B Japha-Chlordane NELAP VA 10/24/20 EPA 8082 A PCBs by GC/ECD NELAP VA 10/24/20 EPA 8082 A A Arcolor-1016 (PCB-1016) NELAP VA 10/24/20 EPA 8082 A Arcolor-1016 (PCB-1016) NELAP VA 10/24/20 EPA 8082 A Arcolor-1221 (PCB-1221) NELAP VA 10/24/20	EPA 8081		В		Endosulfan sulfate		NELAP	VA	10/24/2019
### EPA 8081   B	EPA 8081		В		Endrin	=81	NELAP	VA	10/24/2019
## ## ## ## ## ## ## ## ## ## ## ## ##	PA 8081		В		Endrin aldehyde		NELAP	VA	10/24/2019
EPA 8081   B	EPA 8081		В		Endrin ketone		NELAP	VA	10/24/2019
EPA 8081         B         Methoxychlor         NELAP         VA         10/24/20           EPA 8081         B         Mirex         NELAP         VA         10/24/20           EPA 8081         B         Toxaphene (Chlorinated camphene)         NELAP         VA         10/24/20           EPA 8081         B         alpha-BHC (alpha-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         alpha-Chlordane         NELAP         VA         10/24/20           EPA 8081         B         beta-BHC (beta-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         delta-BHC (delta-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-Chlordane         NELAP         VA         10/24/20           EPA 8082         A         PCBs by GC/ECD         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1016 (PCB-1016)         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1221 (PCB-1221)         <	EPA 8081		В		Heptachlor		NELAP	VA	10/24/2019
B	EPA 8081		В		Heptachlor epoxide		NELAP	VA	10/24/2019
EPA 8081   B	EPA 8081		В		Methoxychlor		NELAP	VA	10/24/2019
B   alpha-BHC (alpha-Hexachlorocyclohexane)   NELAP   VA   10/24/20	EPA 8081		В		Mirex		NELAP	VA	10/24/2019
B	EPA 8081		В		Toxaphene (Chlorinated camphene)		NELAP	VA	10/24/2019
EPA 8081         B         beta-BHC (beta-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         delta-BHC (delta-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-Chlordane         NELAP         VA         10/24/20           EPA 8082         A         PCBs by GC/ECD         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1016 (PCB-1016)         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1221 (PCB-1221)         NELAP         VA         10/24/20	EPA 8081		В		alpha-BHC (alpha- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8081         B         delta-BHC (delta-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)         NELAP         VA         10/24/20           EPA 8081         B         gamma-Chlordane         NELAP         VA         10/24/20           EPA 8082         A         PCBs by GC/ECD         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1016 (PCB-1016)         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1221 (PCB-1221)         NELAP         VA         10/24/20	EPA 8081		В		alpha-Chlordane		NELAP	VA	10/24/2019
Hexachlorocyclohexane)  EPA 8081 B gamma-BHC (Lindane, gamma- Hexachlorocyclohexane)  EPA 8081 B gamma-Chlordane NELAP VA 10/24/20  EPA 8082 A PCBs by GC/ECD NELAP VA 10/24/20  EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20  EPA 8082 A Aroclor-1221 (PCB-1221) NELAP VA 10/24/20	EPA 8081		В		beta-BHC (beta-Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8081         B         gamma-Chlordane         NELAP         VA         10/24/20           EPA 8082         A         PCBs by GC/ECD         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1016 (PCB-1016)         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1221 (PCB-1221)         NELAP         VA         10/24/20	EPA 8081		В		delta-BHC (delta- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8082         A         PCBs by GC/ECD         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1016 (PCB-1016)         NELAP         VA         10/24/20           EPA 8082         A         Aroclor-1221 (PCB-1221)         NELAP         VA         10/24/20	EPA 8081		В		gamma-BHC (Lindane, gamma- Hexachlorocyclohexane)		NELAP	VA	10/24/2019
EPA 8082 A Aroclor-1016 (PCB-1016) NELAP VA 10/24/20 EPA 8082 A Aroclor-1221 (PCB-1221) NELAP VA 10/24/20	EPA 8081		В		gamma-Chlordane		NELAP	VA	10/24/2019
EPA 8082 A Aroclor-1221 (PCB-1221) NELAP VA 10/24/20	EPA 8082		Α		PCBs by GC/ECD		NELAP	VA	10/24/2019
And the second s	EPA 8082		Α		Aroclor-1016 (PCB-1016)		NELAP	VA	10/24/2019
EPA 8082 A Aroclor-1232 (PCB-1232) NELAP VA 10/24/20	EPA 8082		Α		Aroclor-1221 (PCB-1221)		NELAP	VA	10/24/2019
	EPA 8082		Α		Aroclor-1232 (PCB-1232)		NELAP	VA	10/24/2019







Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical, LLC

DEP Laboratory ID:

68-03503

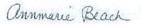
1941 Reymet Road

EPA Lab Code: VA00913

Richmond, VA 23237 (804) 358-8295 TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	*\0.198	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8082	SE M	Α		Aroclor-1242 (PCB-1242)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1248 (PCB-1248)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1254 (PCB-1254)		NELAP	VA	10/24/2019
EPA 8082		Α		Aroclor-1260 (PCB-1260)		NELAP	· VA	10/24/2019
EPA 8082		Α		Aroclor-1262 (PCB-1262)		NELAP	VA	10/24/2019
EPA 8082		A		Aroclor-1268 (PCB-1268)		NELAP	VA	10/24/2019
EPA 8151		Α		Chlorinated herbicides by GC/ECD		NELAP	VA	10/24/2019
EPA 8151		Α		2,4,5-T		NELAP	VA	10/24/2019
EPA 8151		Α		2,4,5-TP (Silvex)		NELAP	VA	10/24/2019
EPA 8151		Α		2,4-D		NELAP	VA	10/24/2019
EPA 8151		Α		Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)		NELAP	VA	10/24/2019
EPA 8151		Α		Pentachlorophenol (PCP)		NELAP	VA	10/24/2019
EPA 8260		D		VOCs by GC/MS		NELAP	VA	10/24/2019
EPA 8260		D		1,1,1,2-Tetrachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,1-Trichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2,2-Tetrachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		NELAP	VA	10/24/2019
EPA 8260		D		1,1,2-Trichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloroethane		NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloroethene (1,1- Dichloroethylene)	,	NELAP	VA	10/24/2019
EPA 8260		D		1,1-Dichloropropene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,3-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,3-Trichloropropane (1,2,3-TCP)		NELAP	VA	10/24/2019
EPA 8260		D		1,2,4-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2,4-Trimethylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dibromoethane (EDB, Ethylene dibromide)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dichlorobenzene (o- Dichlorobenzene)		NELAP	VA	10/24/2019
EPA 8260		D		1,2-Dichloroethane		NELAP	VA	10/24/2019
PA 8260		D		1,2-Dichloropropane		NELAP	VA	10/24/2019
PA 8260		D		1,3,5-Trichlorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		1,3,5-Trimethylbenzene		NELAP	VA	10/24/2019
EPA 8260		D .		1,3-Dichlorobenzene (m- Dichlorobenzene)		NELAP	VA	10/24/2019
		D		1,3-Dichloropropane		NELAP	VA	10/24/2019







Attached to Certificate of Accreditation 007-002 expiration date 10/31/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Enthalpy Analytical, LLC** 

DEP Laboratory ID:

68-03503

EPA Lab Code:

VA00913

Richmond, VA 23237

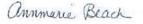
1941 Reymet Road

(804) 358-8295

TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method	evilos	Revision	TNI Method Code	Analyte	TNI Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260		D		1,4-Dichlorobenzene)	ene (p-		NELAP	VA	10/24/2019
EPA 8260	ar o	D		1,4-Dioxane (1,4-	Diethyleneoxide)		NELAP	VA	10/24/2019
EPA 8260		D		2,2-Dichloropropa	ane		NELAP	VA	10/24/2019
EPA 8260		D		2-Butanone (Meth	nyl ethyl ketone, MEK)		NELAP	VA	10/24/2019
EPA 8260		D		2-Chlorotoluene	*		NELAP	VA	10/24/2019
EPA 8260		D		2-Hexanone			NELAP	VA	10/24/2019
EPA 8260		D		4-Chlorotoluene			NELAP	VA	10/24/2019
EPA 8260		D		4-Methyl-2-pentar	none (MIBK)		NELAP	VA	10/24/2019
EPA 8260		D		Acetone			NELAP	VA	10/24/2019
EPA 8260		D		Acetonitrile			NELAP	VA	10/24/2019
EPA 8260		D		Acrolein (Propena	al)		NELAP	VA	10/24/2019
EPA 8260		D		Acrylonitrile			NELAP	VA	10/24/2019
PA 8260		D		Allyl chloride (3-C	chloropropene)		NELAP	VA	10/24/2019
PA 8260		D		Benzene			NELAP	VA	10/24/2019
PA 8260		D		Bromobenzene			NELAP	VA	10/24/2019
PA 8260		D -		Bromochlorometh	nane		NELAP	VA	10/24/2019
PA 8260		D		Bromodichlorome	ethane		NELAP	VA	10/24/2019
PA 8260		D		Bromoform			NELAP	VA	10/24/2019
PA 8260		D		Carbon disulfide			NELAP	VA	10/24/2019
PA 8260	00.5581	D		Carbon tetrachlor	ride		NELAP	VA	10/24/2019
PA 8260		D		Chlorobenzene			NELAP	VA	10/24/2019
PA 8260		D		Chloroethane			NELAP	VA	10/24/2019
EPA 8260		D		Chloroform			NELAP	VA	10/24/2019
PA 8260		D		Chloroprene (2-C	hloro-1,3-butadiene)		NELAP	VA	10/24/2019
PA 8260		D		Cyclohexane			NELAP	VA	10/24/2019
PA 8260		D		Cyclohexanone			NELAP	VA	10/24/2019
PA 8260		D		Dibromochlorome	ethane		NELAP	VA	10/24/2019
PA 8260		D		Dibromofluorome	thane		NELAP	VA	10/24/2019
PA 8260		D		Dibromomethane	-		NELAP	VA	10/24/2019
PA 8260		D		Dichlorodifluorom	ethane (Freon 12)		NELAP	VA	10/24/2019
PA 8260		D		Diisopropyl ether	(DIPE)		NELAP	VA	10/24/2019
PA 8260		D		Ethanol	п		NELAP	VA	10/24/2019
PA 8260		D		Ethyl methacrylat	e		NELAP	VA	10/24/2019
PA 8260		D		Ethyl tert-butyl et			NELAP	VA	10/24/2019
PA 8260		D		Ethylbenzene	, lo/u		NELAP	VA	10/24/2019
EPA 8260		D		Hexachlorobutad Hexachlorobutad	iene (1,3- iene)		NELAP	VA	10/24/2019
EPA 8260		D		Iodomethane (Me	ethyl iodide)		NELAP	VA	10/24/2019



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Page: 25 of 31 Issue Date: 03/29/2022 www.dep.state.pa.us





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Enthalpy Analytical, LLC

DEP Laboratory ID:

68-03503

EPA Lab Code:

VA00913

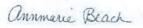
TNI Code: TNI01248

1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

Matrix: Solid and Chemical Materials

Method	evitae	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	100	D		Isobutyl alcohol (2-Methyl-1-propanol)	The spile	NELAP	VA	10/24/2019
EPA 8260		D		Isopropyl acetate		NELAP	VA	10/24/2019
EPA 8260		D		Isopropylbenzene (Cumene)		NELAP	VA	10/24/2019
EPA 8260		D		Methacrylonitrile		NELAP	VA	10/24/2019
EPA 8260		D		Methyl bromide (Bromomethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methyl chloride (Chloromethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methyl tert-butyl ether (MTBE)		NELAP	VA	10/24/2019
EPA 8260		D		Methylcyclohexane		NELAP	VA	10/24/2019
EPA 8260		D		Methylene chloride (Dichloromethane)		NELAP	VA	10/24/2019
EPA 8260		D		Methylmethacrylate		NELAP	VA	10/24/2019
EPA 8260		D		Naphthalene		NELAP	VA	10/24/2019
EPA 8260		D		Pentachloroethane		NELAP	VA	10/24/2019
EPA 8260		D		Pentafluorobenzene		NELAP	VA	10/24/2019
EPA 8260		D		Propionitrile (Ethyl cyanide)		NELAP	VA	10/24/2019
EPA 8260		D		Styrene		NELAP	VA	10/24/2019
EPA 8260		D		Tetrachloroethene (PCE, Perchloroethylene)		NELAP	VA	10/24/2019
EPA 8260		D		Toluene		NELAP	VA	10/24/2019
EPA 8260		D		Trichloroethene (TCE, Trichloroethylene)		NELAP	VA	10/24/2019
EPA 8260		D		Trichlorofluoromethane (Freon 11)		NELAP	VA	10/24/2019
EPA 8260		D		Vinyl acetate		NELAP	VA	10/24/2019
EPA 8260		D		Vinyl chloride (Chloroethene)		NELAP	VA	10/24/2019
EPA 8260		D		Xylenes, total		NELAP	VA	10/24/2019
EPA 8260		D		cis-1,2-Dichloroethene		NELAP	VA	10/24/2019
EPA 8260		D		cis-1,3-Dichloropropene		NELAP	VA	10/24/2019
EPA 8260		D		m+p-Xylene		NELAP	VA	10/24/2019
EPA 8260		D		n-Butylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		n-Hexane		NELAP	VA	10/24/2019
EPA 8260		D		n-Propylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		o-Xylene		NELAP	VA	10/24/2019
EPA 8260		D		p-Isopropyltoluene (4-Isopropyltoluene)		NELAP	VA	10/24/2019
EPA 8260		D		sec-Butylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		tert-Amyl alcohol (2-Methyl-2-butanol)		NELAP	VA	10/24/2019
PA 8260		D		tert-Amyl ethyl ether (TAEE)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Amyl methyl ether (TAME)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Butyl alcohol (2-Methyl-2-propanol)		NELAP	VA	10/24/2019
EPA 8260		D		tert-Butylbenzene		NELAP	VA	10/24/2019
EPA 8260		D		trans-1,2-Dichloroethene		NELAP	VA	10/24/2019
EPA 8260		D		trans-1,3-Dichloropropene		NELAP	VA	10/24/2019



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Page: 26 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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**Enthalpy Analytical, LLC** 

**DEP Laboratory ID:** 

68-03503

1941 Reymet Road

EPA Lab Code:

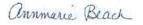
VA00913

Richmond, VA 23237 (804) 358-8295

TNI Code: TNI01248

Matrix: Solid and Chemical Materials

VA VA VA VA	10/24/2019 10/24/2019 10/24/2019 10/24/2019
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	VA



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Page: 27 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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1941 Reymet Road

Richmond, VA 23237 (804) 358-8295

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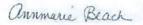
EPA Lab Code:

VA00913

TNI Code: TNI01248

Matrix: Solid and Chemical Materials

Method		Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	The state of	Е	V.	2-Nitrophenol	acatist-s	NELAP	VA	10/24/2019
EPA 8270		E		2-Picoline (2-Methylpyridine)		NELAP	VA	10/24/2019
EPA 8270		E		3+4-Methylphenol (m+p-Cresol)		NELAP	VA	10/24/2019
EPA 8270		E		3,3'-Dichlorobenzidine		NELAP	VA	10/24/2019
EPA 8270		E		3,3'-Dimethylbenzidine		NELAP	VA	10/24/2019
EPA 8270		E		3-Methylcholanthrene		NELAP	VA	10/24/2019
EPA 8270		E		3-Nitroaniline		NELAP	VA	10/24/2019
EPA 8270		E		4,4'-Methylenebis(2-chloroaniline)		NELAP	VA	10/24/2019
EPA 8270		E		4-Aminobiphenyl		NELAP	VA	10/24/2019
EPA 8270		E		4-Bromophenyl phenyl ether		NELAP	VA	10/24/2019
EPA 8270		E		4-Chloro-3-methylphenol		NELAP	VA	10/24/2019
EPA 8270		E		4-Chloroaniline		NELAP	VA	10/24/2019
EPA 8270		E		4-Chlorophenyl phenyl ether		NELAP	VA	10/24/2019
EPA 8270		Е		4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)		NELAP	VA	10/24/2019
EPA 8270		E		4-Nitroaniline		NELAP	VA	10/24/2019
EPA 8270		E		4-Nitrophenol		NELAP	VA	10/24/2019
EPA 8270		E		4-Nitroquinoline-1-oxide		NELAP	VA	10/24/2019
EPA 8270		E		5-Nitro-o-toluidine		NELAP	VA	10/24/2019
EPA 8270		E		7,12-Dimethylbenz(a)anthracene		NELAP	VA	10/24/2019
EPA 8270		E		Acenaphthene		NELAP	VA.	10/24/2019
EPA 8270		E		Acenaphthylene		NELAP	VA	10/24/2019
EPA 8270		E		Acetophenone		NELAP	VA	10/24/2019
EPA 8270		E		Aminoazobenzene		NELAP	VA	10/24/2019
EPA 8270		E		Aniline		NELAP	VA	10/24/2019
EPA 8270		E		Anthracene		NELAP	VA	10/24/2019
EPA 8270		E		Aramite		NELAP	VA	10/24/2019
EPA 8270		E		Azinphos-methyl (Guthion)		NELAP	VA	10/24/2019
EPA 8270		E		Azobenzene		NELAP	VA	10/24/2019
EPA 8270		E		Benzidine		NELAP	VA	10/24/2019
EPA 8270		E		Benzo[a]anthracene		NELAP	VA	10/24/2019
EPA 8270		E		Benzo[a]pyrene		NELAP	VA	10/24/2019
EPA 8270		E		Benzo[b]fluoranthene		NELAP	VA	10/24/2019
EPA 8270		E		Benzo[ghi]perylene		NELAP	VA	10/24/2019
EPA 8270		E		Benzo[k]fluoranthene		NELAP	VA	10/24/2019
EPA 8270		E		Benzoic acid		NELAP	VA	10/24/2019
EPA 8270		E		Benzyl alcohol		NELAP	VA	10/24/2019
EPA 8270		E		Butyl benzyl phthalate (Benzyl butyl phthalate)		NELAP	VA	10/24/2019



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Page: 28 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

EPA Lab Code:

VA00913

TNI Code: TNI01248

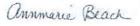
1941 Reymet Road

Richmond, VA 23237

(804) 358-8295

Matrix: Solid and Chemical Materials

Method	evilve	Revision	TNI Analyte Method Code	Analyte Analyte Code	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	3 85 0	Е	Carbazole		enima	NELAP	VA	10/24/2019
EPA 8270		E	Carbofuran (	Furaden)		NELAP	VA	10/24/2019
EPA 8270		E	Chlorobenzil	ate		NELAP	VA	10/24/2019
EPA 8270		E A	Chrysene (B	enzo[a]phenanthrene)		NELAP	VA	10/24/2019
EPA 8270		E A	Di-n-butyl ph	thalate		NELAP	VA	10/24/2019
EPA 8270		E	Di-n-octyl ph	thalate		NELAP	VA	10/24/2019
EPA 8270		E	Diallate (cis	or trans)		NELAP	VA	10/24/2019
EPA 8270		Е	Dibenz[a,j]ac	ridine		NELAP	VA	10/24/2019
EPA 8270		E	Dibenzo[a,h]	anthracene		NELAP	VA	10/24/2019
EPA 8270		E	Dibenzofurar	1		NELAP	VA	10/24/2019
EPA 8270		E	Diethyl phtha	late		NELAP	VA	10/24/2019
EPA 8270		E	Dimethoate			NELAP	VA	10/24/2019
EPA 8270		E	Dimethyl pht	nalate		NELAP	VA	10/24/2019
EPA 8270		. E	Diphenylami	ne ·		NELAP	VA	10/24/2019
EPA 8270		E	Disulfoton			NELAP	VA	10/24/2019
EPA 8270		E	Ethyl methan	esulfonate	91	NELAP	VA	10/24/2019
EPA 8270		E	Famphur			NELAP	VA	10/24/2019
EPA 8270		E	Fluoranthene	1		NELAP	VA	10/24/2019
EPA 8270		E	Fluorene			NELAP	VA	10/24/2019
EPA 8270		E	Hexachlorob	enzene		NELAP	VA	10/24/2019
EPA 8270		E	Hexachlorob Hexachlorob	utadiene (1,3- utadiene)		NELAP	VA	10/24/2019
EPA 8270		E	Hexachloroc	yclopentadiene		NELAP	VA	10/24/2019
EPA 8270		E	Hexachloroe	thane		NELAP	VA	10/24/2019
EPA 8270		E	Hexachlorop	hene		NELAP	VA	10/24/2019
EPA 8270		E	Hexachlorop	ropene		NELAP	VA	10/24/2019
EPA 8270		E	Indeno(1,2,3	-cd)pyrene		NELAP	VA	10/24/2019
EPA 8270		E	Isodrin			NELAP	VA	10/24/2019
EPA 8270		E	Isophorone			NELAP	VA	10/24/2019
EPA 8270		E	Isosafrole			NELAP	VA	10/24/2019
EPA 8270		E	Kepone			NELAP	VA	10/24/2019
EPA 8270		E	Malathion			NELAP	VA	10/24/2019
EPA 8270		E	Methapyrilen	е		NELAP	VA	10/24/2019
EPA 8270		E	Methyl metha	anesulfonate		NELAP	VA	10/24/2019
EPA 8270		E	Methyl parati	nion (Parathion, methyl)		NELAP	VA	10/24/2019
EPA 8270		E	N-Nitrosodi-r	n-butylamine		NELAP	VA	10/24/2019
EPA 8270		E	N-Nitrosodi-r	n-propylamine		NELAP	VA	10/24/2019
EPA 8270		E	N-Nitrosodie	thylamine		NELAP	VA	10/24/2019
EPA 8270		E	N-Nitrosodim	ethylamine		NELAP	VA	10/24/2019



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Page: 29 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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Enthalpy Analytical, LLC

**DEP Laboratory ID:** 

68-03503

**EPA Lab Code:** 

VA00913

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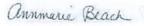
1941 Reymet Road

Richmond, VA 23237

(804) 358-8295

Matrix: Solid and Chemical Materials

Method		Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	Sarsar	E		N-Nitrosodiphenylamine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosomethylethylamine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosomorpholine		NELAP	VA	10/24/2019
EPA 8270		E A		N-Nitrosopiperidine		NELAP	VA	10/24/2019
EPA 8270		E		N-Nitrosopyrrolidine		NELAP	VA	10/24/2019
EPA 8270		E		Naphthalene		NELAP	VA	10/24/2019
EPA 8270		E		Nicotine		NELAP	VA	10/24/2019
EPA 8270		E		Nitrobenzene		NELAP	VA	10/24/2019
EPA 8270		E A		O,O,O-Triethyl phosphorothioate		NELAP	VA	10/24/2019
EPA 8270		E A		Parathion, ethyl (Ethyl parathion, Parathion)		NELAP	VA	10/24/2019
EPA 8270		E		Pentachlorobenzene		NELAP	VA	10/24/2019
EPA 8270		E		Pentachlorophenol (PCP)		NELAP	VA	10/24/2019
EPA 8270		E		Phenacetin		NELAP	VA	10/24/2019
EPA 8270		E		Phenanthrene		NELAP	VA	10/24/2019
EPA 8270		E		Phenol		NELAP	VA	10/24/2019
EPA 8270		E		Phorate (Thimet)		NELAP	VA	10/24/2019
EPA 8270		E		Pronamide (Kerb)		NELAP	VA	10/24/2019
EPA 8270		E		Pyrene		NELAP	VA	10/24/2019
EPA 8270		E		Pyridine		NELAP	VA	10/24/2019
EPA 8270		E		Safrole		NELAP	VA	10/24/2019
EPA 8270		E		Thionazine (Thionazin, Zinophos)		NELAP	VA	10/24/2019
EPA 8270		E		bis(2-Chloroethoxy)methane		NELAP	VA	10/24/2019
EPA 8270		E		bis(2-Chloroethyl) ether		NELAP	VA	10/24/2019
EPA 8270		E A		bis(2-Ethylhexyl) phthalate (DEHP)		NELAP	VA	10/24/2019
EPA 8270		E		o-Toluidine (2-Toluidine, 2-Methylaniline)		NELAP	VA	10/24/2019
EPA 9012		. В		Total cyanide		NELAP	VA	10/24/2019
EPA 9020		В		Total organic halides (TOX)		NELAP	VA	10/24/2019
EPA 9023				Extractable organic halides (EOX)		NELAP	VA	10/24/2019
EPA 9045		C		pH		NELAP	VA	10/24/2019
EPA 9056		A		Bromide		NELAP	VA	10/24/2019
EPA 9056		Α		Chloride		NELAP	VA	10/24/2019
EPA 9056		Α		Fluoride		NELAP	VA	10/24/2019
EPA 9056		A		Nitrate as N		NELAP	VA	10/24/2019
EPA 9056		Α		Nitrite as N	ite come is	NELAP	VA	10/24/2019
EPA 9056		Α		Orthophosphate as P		NELAP	VA	10/24/2019
EPA 9056		Α		Sulfate		NELAP	VA	10/24/2019
EPA 9060		Α		Total organic carbon (TOC)		NELAP	VA	10/24/2019
EPA 9065				Total phenolics		NELAP	VA	10/24/2019



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Page: 30 of 31 www.dep.state.pa.us Issue Date: 03/29/2022





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VA00913

TNI Code: TNI01248

Richmond, VA 23237

1941 Reymet Road

(804) 358-8295

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 9095	В		Paint filter liquids test		NELAP	VA	10/24/2019
SM 2320 B			Alkalinity as CaCO3		NELAP	VA	10/24/2019
SM 2540 G			Residue, total		NELAP	VA	10/24/2019
SM 2540 G			Residue, volatile		NELAP	VA	10/24/2019
SM 4500-NO3- F			Total nitrate-nitrite		NELAP	VA	10/24/2019
SM 4500-P E			Phosphorus, total		NELAP	VA	10/24/2019

