

State of New Jersey
Department of Environmental Protection
Certifies That

ENTHALPY ANALYTICAL,LLC

Laboratory Certification ID #NC018

is hereby approved as a

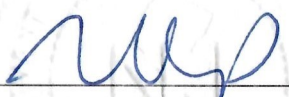
Nationally Accredited Environmental Laboratory
to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

having duly met the requirements of the
Regulations Governing the Certification of
Laboratories and Environmental Measurements N.J.A.C. 7:18 et. seq.
and
having been found compliant with the 2016 TNI Standard approved by the
The NELAC Institute

Expires June 30, 2024



NJDEP is a NELAP Recognized Accreditation Body


Michele M. Potter
Manager



**New Jersey Department of Environment Protection
Environmental Laboratory Certification Program**



Annual Certified Parameter List and Current Status

Effective as of 07/01/2023 until 6/30/2024

Laboratory Name: ENTHALPY ANALYTICAL,LLC Laboratory Number: NC018 Activity ID: NLC 230001
2714 EXCHANGE DR
WILMINGTON NC 28405

Category: AE04 –Organics Analysis

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	AE04.02000	HpCDD (1,2,3,4,6,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02050	HpCDF (1,2,3,4,6,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02100	HpCDF (1,2,3,4,7,8,9-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02150	HxCDD (1,2,3,4,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02200	HxCDD (1,2,3,6,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02250	HxCDD (1,2,3,7,8,9-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02300	HxCDF (1,2,3,4,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02350	HxCDF (1,2,3,6,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02400	HxCDF (1,2,3,7,8,9-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02450	HxCDF (2,3,4,6,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02500	OCDD (1,2,3,4,6,7,8,9-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02550	OCDF (1,2,3,4,6,7,8,9-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02600	PeCDD (1,2,3,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02650	PeCDF (1,2,3,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02700	PeCDF (2,3,4,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02750	TCDD (2,3,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02800	TCDF (2,3,7,8-)	GC/HRMS	EPA 23	LA
Certified	Yes	AE04.02850	Total HpCDD	GC/MS	EPA 23	LA
Certified	Yes	AE04.02900	Total HpCDF	GC/MS	EPA 23	LA
Certified	Yes	AE04.02950	Total HxCDD	GC/MS	EPA 23	LA
Certified	Yes	AE04.03000	Total HxCDF	GC/MS	EPA 23	LA
Certified	Yes	AE04.03050	Total PeCDD	GC/MS	EPA 23	LA
Certified	Yes	AE04.03100	Total PeCDF	GC/MS	EPA 23	LA
Certified	Yes	AE04.03150	Total TCDD	GC/MS	EPA 23	LA
Certified	Yes	AE04.03200	Total TCDF	GC/MS	EPA 23	LA

**New Jersey Department of Environment Protection
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Laboratory Name: ENTHALPY ANALYTICAL,LLC **Laboratory Number:** NC018 **Activity ID:** NLC 230001
2714 EXCHANGE DR
WILMINGTON NC 28405

Category: BT07 --Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	BT07.05890	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05900	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05910	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05920	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05930	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05940	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05950	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05960	Total HpCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05970	Total HpCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05980	Total HxCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05990	Total HxCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.06000	Total PeCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.06010	Total PeCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.06020	Total TCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.06030	Total TCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA

Category: DW09 --Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	DW09.28900	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.28950	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29000	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29050	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL

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Environmental Laboratory Certification Program**



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2714 EXCHANGE DR
WILMINGTON NC 28405**

Category: DW09 --Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	DW09.31050	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31100	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31200	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31250	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31300	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31350	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31400	Perfluorotetradecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31450	Perfluorotridecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31500	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31550	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31600	Hexafluoropropylene oxide dimer acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31650	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31700	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31750	4,8-dioxa-3H-perfluorononanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL

Category: NPW11--Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	NPW11.00300	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00350	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00400	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00450	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00500	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00550	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA

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**2714 EXCHANGE DR
WILMINGTON NC 28405**

Category: NPW16--NPW - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	NPW16.05750	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05800	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05850	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05900	Perfluorononanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05950	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06000	Perfluorooctanesulfonamide	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06050	Perfluoropentanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06100	Perfluoropentanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06150	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06200	Perfluorotetradecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.06250	Perfluorotridecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA

Category: SCM10--Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	SCM10.00150	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00200	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00250	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00300	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA

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2714 EXCHANGE DR
WILMINGTON NC 28405

Category: SCM10--Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	SCM10.00350	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00400	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00450	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00500	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00550	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00600	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00650	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00700	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00750	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00800	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00850	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00900	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	SCM10.00950	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA

Category: SCM11--PCDD / PCDF

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	SCM11.00001	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00050	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00100	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00150	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00200	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00250	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00300	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00350	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00400	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA

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**Laboratory Name: ENTHALPY ANALYTICAL,LLC Laboratory Number: NC018 Activity ID: NLC 230001
2714 EXCHANGE DR
WILMINGTON NC 28405**

Category: SCM14--SCM - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	SCM14.02800	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.02850	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.02900	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.02950	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03000	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03050	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03100	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03150	Perfluoropentanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03200	Perfluorotetradecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03250	Perfluorotridecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03300	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03700	N-ethylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03750	N-methylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03800	Perfluorodecanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03850	Perfluoropentanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03900	Perfluoroheptanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.03950	Perfluorononanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA



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2714 EXCHANGE DR
WILMINGTON NC 28405

Category: SCM14--SCM - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	SCM14.04000	Perfluorooctanesulfonamide	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA


Michele M. Potter, Manager

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Category: SCM11--PCDD / PCDF

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	SCM11.00450	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00500	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00550	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00600	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00650	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00700	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00750	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00800	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00850	Total HpCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00900	Total HpCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.00950	Total HxCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.01000	Total HxCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.01050	Total PeCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.01100	Total PeCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.01150	Total TCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	SCM11.01200	Total TCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA

Category: SCM14--SCM - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	SCM14.02650	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.02700	Perfluorobutanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA
Applied	No	SCM14.02750	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 3	LA

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Category: NPW11--Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	NPW11.87150	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87200	Total HpCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87250	Total HpCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87300	Total HxCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87350	Total HxCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87400	Total PeCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87450	Total PeCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87500	Total TCDD	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87550	Total TCDF	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA

Category: NPW16--NPW - Lab Developed/Non-Std Methods

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Applied	No	NPW16.05350	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05400	Perfluorobutanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05450	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05500	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05550	Perfluorodecanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05600	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05650	Perfluoroheptanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA
Applied	No	NPW16.05700	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	User Defined SOP EU047 Rev 7	LA

**New Jersey Department of Environment Protection
Environmental Laboratory Certification Program**



Annual Certified Parameter List and Current Status

Effective as of 07/01/2023 until 6/30/2024

Laboratory Name: ENTHALPY ANALYTICAL,LLC **Laboratory Number:** NC018 **Activity ID:** NLC 230001
2714 EXCHANGE DR
WILMINGTON NC 28405

Category: NPW11--Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	NPW11.00600	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00650	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00700	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00750	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00800	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00850	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00900	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.00950	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.01000	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.01050	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.01100	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	NPW11.86350	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86400	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86450	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86500	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86550	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86600	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86650	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86700	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86750	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86800	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86850	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86900	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.86950	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87000	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87050	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	NPW11.87100	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA

**New Jersey Department of Environment Protection
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Laboratory Name: ENTHALPY ANALYTICAL,LLC Laboratory Number: NC018 Activity ID: NLC 230001
2714 EXCHANGE DR
WILMINGTON NC 28405

Category: DW09 --Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	DW09.29100	4,8-dioxa-3H-perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29150	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29200	Hexafluoropropylene oxide dimer acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29250	Nonafluoro-3,6-dioxaheptanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29300	Perfluoro(2-ethoxyethane)sulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29350	Perfluoro-3-methoxypropanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29400	Perfluoro-4-methoxybutanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29450	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29500	Perfluorobutanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29550	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29600	Perfluorododecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29650	Perfluoroheptanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29700	Perfluoroheptanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29750	Perfluorohexanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29800	Perfluorohexanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29850	Perfluorononanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29900	Perfluorooctanesulfonic acid (PFOS)	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.29950	Perfluorooctanoic acid (PFOA)	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.30000	Perfluoropentanesulfonic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.30050	Perfluoropentanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.30100	Perfluoroundecanoic acid	LC MS/MS, Electrospray Ionization, Isotope Dilution	EPA 533	FL
Certified	Yes	DW09.30850	N-ethylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.30900	N-methylperfluorooctanesulfonamidoacetic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.30950	Perfluorobutanesulfonic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL
Certified	Yes	DW09.31000	Perfluorodecanoic acid	LC MS/MS, Electrospray Ionization	EPA 537.1	FL

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Laboratory Name: ENTHALPY ANALYTICAL,LLC Laboratory Number: NC018 Activity ID: NLC 230001

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WILMINGTON NC 28405**

Category: BT07 --Organic Parameters - Chromatography/MS

Status	Eligible to Report NJ Data	Code	Parameter	Technique	Approved Methods	Primary State
Certified	Yes	BT07.00020	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00030	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00040	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00050	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00060	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00070	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00080	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00090	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00100	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00110	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00120	OCDD (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00130	OCDF (1,2,3,4,6,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00140	PeCDD (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00150	PeCDF (1,2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00160	PeCDF (2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00170	TCDD (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.00180	TCDF (2,3,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	EPA 1613B	LA
Certified	Yes	BT07.05790	HpCDD (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05800	HpCDF (1,2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05810	HpCDF (1,2,3,4,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05820	HxCDD (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05830	HxCDD (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05840	HxCDD (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05850	HxCDF (1,2,3,4,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05860	HxCDF (1,2,3,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05870	HxCDF (1,2,3,7,8,9-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA
Certified	Yes	BT07.05880	HxCDF (2,3,4,6,7,8-)	GC/Hi-Res MS, Selected Ion Monitoring	SW-846 8290A	LA