



OREGON

Environmental Laboratory Accreditation Program



**ALS Laboratory Group, Environmental
TX200002**

NELAP Recognized

10450 Stancliff Rd., Suite 115
Houston, TX 77099

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry	Chemistry	Chemistry	Chemistry	Chemistry

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Scott Hoatson
Oregon State Public Health Laboratory
Interim ORELAP Program Manager
3150 NW. 229th Ave, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 03/25/2017

EXPIRATION DATE : 03/24/2018

Certificate No : TX200002 - 009





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Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: TX200002



ALS Laboratory Group, Environmental

EPA CODE: TX02693

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Certificate: TX200002 - 009

Houston, TX 77099

Issue Date: 3/27/2017 Expiration Date: 3/24/2018

As of 3/27/2017 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
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Air

EPA 0023A		10250803	Polychlorinated Dibenzodioxins from stationary sources by GC/HRMS		
	9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)			
	9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)			
	9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)			
	9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)			
	9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)			
	9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)			
	9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)			
	9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)			
	9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)			
	9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)			
	9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)			
	9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)			
	9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)			
	9480	2,3,4,6,7,8-Hexachlorodibenzofuran			
	9549	2,3,4,7,8-Pentachlorodibenzofuran			
	9618	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)			
	9612	2,3,7,8-Tetrachlorodibenzofuran			
EPA TO-9A		10249408	Polychlorinated Dibenzodioxins in Ambient Air by GC/HRMS		
	9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)			
	9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)			
	9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)			
	9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)			
	9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)			
	9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)			



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Air	EPA TO-9A		
		9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
		9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
		9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
		9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
		9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
		9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
		9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
		9480	2,3,4,6,7,8-Hexachlorodibenzofuran
		9549	2,3,4,7,8-Pentachlorodibenzofuran
		9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)
		9612	2,3,7,8-Tetrachlorodibenzofuran
Biological Tissue	EPA 1613B	10120602	Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
		9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
		9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
		9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)
		9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)
		9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)
		9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)
		9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
		9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
		9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
		9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
		9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
		9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
		9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
		9480	2,3,4,6,7,8-Hexachlorodibenzofuran



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Biological Tissue

EPA 1613B	9549	2,3,4,7,8-Pentachlorodibenzofuran	
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	
	9612	2,3,7,8-Tetrachlorodibenzofuran	
	9438	Hpcdd, total	
	9444	Hpcdf, total	
	9468	Hxcdd, total	
	9483	Hxcdf, total	
	9555	Pecdd, total	
	9552	Pecdf, total	
	9609	TCDD, total	
	9615	TCDF, total	
EPA 8290	10187209	Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	
	9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	
	9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	
	9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	
	9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	
	9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	
	9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	
	9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	
	9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	
	9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	
	9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	
	9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	
	9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	
	9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	
	9480	2,3,4,6,7,8-Hexachlorodibenzofuran	
	9549	2,3,4,7,8-Pentachlorodibenzofuran	
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	
	9612	2,3,7,8-Tetrachlorodibenzofuran	
	9438	Hpcdd, total	
	9444	Hpcdf, total	
	9468	Hxcdd, total	



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Biological Tissue

EPA 8290	9483	Hxcdf, total
	9555	Pecdd, total
	9552	Pecdf, total
	9609	TCDD, total
	9615	TCDF, total

Drinking Water

EPA 1613	10120408	Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)

EPA 1613B	10120602	Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)

Non-Potable Water

EPA 1613B	10120602	Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
	9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
	9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
	9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)
	9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)
	9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)
	9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)
	9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
	9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
	9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
	9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
	9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
	9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
	9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
	9480	2,3,4,6,7,8-Hexachlorodibenzofuran
	9549	2,3,4,7,8-Pentachlorodibenzofuran
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)



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Non-Potable Water

EPA 1613B			
9612	2,3,7,8-Tetrachlorodibenzofuran		
9438	Hpcdd, total		
9444	Hpcdf, total		
9468	Hxcdd, total		
9483	Hxcdf, total		
9555	Pecdd, total		
9552	Pecdf, total		
9609	TCDD, total		
9615	TCDF, total		
<hr/>			
EPA 8290		10187209	Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS
9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)		
9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)		
9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)		
9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)		
9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)		
9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)		
9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)		
9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)		
9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)		
9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)		
9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)		
9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)		
9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)		
9480	2,3,4,6,7,8-Hexachlorodibenzofuran		
9549	2,3,4,7,8-Pentachlorodibenzofuran		
9618	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)		
9612	2,3,7,8-Tetrachlorodibenzofuran		
9438	Hpcdd, total		
9444	Hpcdf, total		
9468	Hxcdd, total		
9483	Hxcdf, total		
9555	Pecdd, total		



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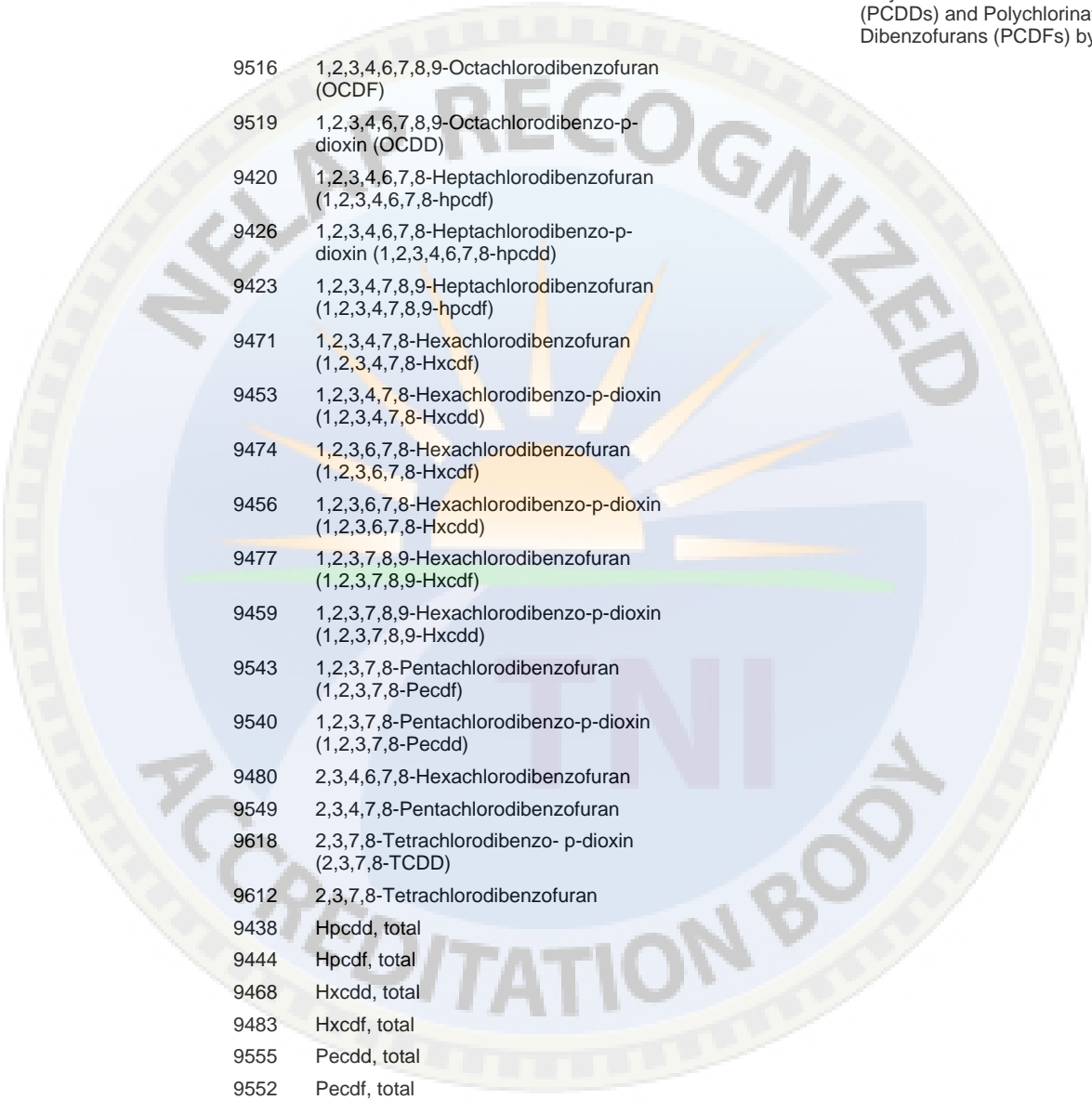
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Non-Potable Water	EPA 8290	9552	Pecdf, total
		9609	TCDD, total
		9615	TCDF, total
Solids	EPA 8280A	10186808	Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS
	9516		1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
	9519		1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
	9420		1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)
	9426		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)
	9423		1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)
	9471		1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)
	9453		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
	9474		1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
	9456		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
	9477		1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
	9459		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
	9543		1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
	9540		1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
	9480		2,3,4,6,7,8-Hexachlorodibenzofuran
	9549		2,3,4,7,8-Pentachlorodibenzofuran
	9618		2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)
	9612		2,3,7,8-Tetrachlorodibenzofuran
	9438		Hpcdd, total
	9444		Hpcdf, total
	9468		Hxcdd, total
	9483		Hxcdf, total
	9555		Pecdd, total
	9552		Pecdf, total
	9609		TCDD, total
	9615		TCDF, total

Solids

EPA 8290

10187209

Polychlorinated Dibenzodioxins
(PCDDs) and Polychlorinated
Dibenzofurans (PCDFs) by GC/HRMS

9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)
9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)
9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)
9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)
9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
9480	2,3,4,6,7,8-Hexachlorodibenzofuran
9549	2,3,4,7,8-Pentachlorodibenzofuran
9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)
9612	2,3,7,8-Tetrachlorodibenzofuran
9438	Hpcdd, total
9444	Hpcdf, total
9468	Hxcdd, total
9483	Hxcdf, total
9555	Pecdd, total
9552	Pecdf, total
9609	TCDD, total
9615	TCDF, total