

Pace Project Number: 6021933

Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
PRL Pace Reporting Limit
(S) Surrogate

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

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Laidlaw Environmental Services
 5665 FLATIRON PKWY
 BOULDER, CO 80301-2800

Pace Project Number: 6021933
 Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
 Phone: (303)938-5500

QC Batch ID: 46139 QC Batch Method: OA2
 Analysis Method: OA2 Analysis Description: Total Extractable Hydrocarbons
 Associated Pace Samples: 601896517

METHOD BLANK: 601897259
 Associated Pace Samples: 601896517

Parameter	Units	Method		Footnotes
		Blank Result	PRL	
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	81		
p-Terphenyl (S)	%	83		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601897267 601897275

Parameter	Units	601894603		Matrix		Matrix		Spike		RPD	Footnotes
		Conc.	Spike	Spike	Spike	Sp. Dup.	Dup	% Rec	% Rec		
				Result	% Rec	Result	% Rec				

LABORATORY CONTROL SAMPLE: 601897283

Parameter	Units	Spike		LCS		Footnotes
		Conc.	% Rec	Result	% Rec	
Diesel Fuel	mg/kg	500	66.8	334.0	1	
n-Tetracosane (S)			72			
p-Terphenyl (S)			73			

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Laidlaw Environmental Services
 5665 FLATIRON PKWY
 BOULDER, CO 80301-2800

Pace Project Number: 6021933
 Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
 Phone: (303)938-5500

QC Batch ID: 46253 QC Batch Method: THP Gas/BTEX
 Analysis Method: EPA 8020/OA1 Analysis Description: TPH Gas/BTEX
 Associated Pace Samples: 601896509 601896517

METHOD BLANK: 601903727
 Associated Pace Samples:

Parameter	Units	601896509	601896517	PRL	Footnotes
			Method Blank Result		
Gasoline Range Hydrocarbons	mg/kg		1.6	0.005	
Benzene	ug/kg		ND	50	
Toluene	ug/kg		ND	50	
Ethylbenzene	ug/kg		ND	50	
Xylene (Total)	ug/kg		ND	130	
Methyl-tert-butyl Ether	ug/kg		ND	260	
a,a,a-Trifluorotoluene (S)	%		126		
4-Bromofluorobenzene (S)	%		101		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601904824 601904832

Parameter	Units	601904824		601904832		Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
		601896665	Conc.	Spike	Result				
Gasoline Range Hydrocarbons	mg/kg	0.7254	48.66	42.05	84.9	42.38	84.7	0	
Benzene	ug/kg	0	486.6	480.4	98.7	489.7	99.6	1	
Toluene	ug/kg	0	486.6	500.3	103	514.2	104	2	
Ethylbenzene	ug/kg	0	486.6	539.6	111	545.2	111	0	
Xylene (Total)	ug/kg	20.78	1460	1594	108	1574	105	2	
a,a,a-Trifluorotoluene (S)					120		119		
4-Bromofluorobenzene (S)					88		89		

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Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601903750

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	36.28	72.6	
Benzene	ug/kg	500	507.7	102	
Toluene	ug/kg	500	545.0	109	
Ethylbenzene	ug/kg	500	550.6	110	
Xylene (Total)	ug/kg	1500	1688	113	
a,a,a-Trifluorotoluene (S)				109	
4-Bromofluorobenzene (S)				86	

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QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND Not Detected

NC Not Calculable

PRL Pace Reporting Limit

RPD Relative Percent Difference

(S) Surrogate

[1] The Matrix Spike and Matrix Spike Duplicate (MS/MSD) compound recovery information is not available. The randomly selected sample used for spiking purposes contain hydrocarbon interference. The LCS demonstrates satisfactory recovery of sample group.

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