

Report Date: June 20, 2002
731-1910

Order Number: A02060513
Alto State #2 Clean Up

Page Number: 11 of 14
Alto State #2 Chavez Co., New Mexico

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Benzene	0.976	0.967	mg/Kg	10	1	<0.010	97	0	70 - 130	20
Toluene	0.978	0.974	mg/Kg	10	1	<0.010	97	0	70 - 130	20
Ethylbenzene	0.975	0.965	mg/Kg	10	1	<0.010	97	1	70 - 130	20
M,P,O-Xylene	2.9	2.88	mg/Kg	10	3	<0.010	96	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
TFT	0.962	0.950	mg/Kg	10	1	96	95	70 - 130
4-BFB	0.985	0.962	mg/Kg	10	1	98	96	70 - 130

Matrix Spikes QCBatch: QC20867

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TRPHC	⁹ 683	705	mg/Kg	1	250	513	68	12	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC20868

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TRPHC	445	457	mg/Kg	1	250	210	94	4	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC21180

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	8670	8680	mg/Kg	1	6250	3130	88	0	35 - 144	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report Continuing Calibration Verification Standards

CCV (1) QCBatch: QC20785

⁹Poor spike recovery due to high TPH content in sample. LCS and LCSD show analysis in control.