



Data Qualifier Summary

Lab Reporting Batch ID: 280-130115-1

Laboratory: TAL DEN

EDD Filename:
280-130115-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	METALS								
Method:	6020A	Matrix: Water							

Sample ID: SP-E1		Collected: 10/23/2019 8:41:00 AM			Analysis Type: Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	1.1	J	1.0	LOD	5.0	LOQ	ug/L	J	RI

Sample ID: SP-E11		Collected: 10/23/2019 8:41:00 AM			Analysis Type: Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	1.1	J	1.0	LOD	5.0	LOQ	ug/L	J	RI

Method Category:	SVOA								
Method:	8330A	Matrix: Water							

Sample ID: SP-E1		Collected: 10/23/2019 8:41:00 AM			Analysis Type: Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.41	J M	0.44	LOD	1.1	LOQ	ug/L	J	RI
2,4-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs
2,6-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.22	LOQ	ug/L	UJ	Lcs
2-AMINO-4,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs
2-NITROTOLUENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.44	U Q M	0.44	LOD	0.44	LOQ	ug/L	UJ	Lcs
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.44	U Q	0.44	LOD	1.1	LOQ	ug/L	UJ	Lcs
NITROBENZENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs

Sample ID: SP-S2		Collected: 10/23/2019 8:30:00 AM			Analysis Type: Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	17	Q	0.44	LOD	1.1	LOQ	ug/L	J	Surr
1,3-DINITROBENZENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	5.5	Q	0.44	LOD	0.44	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs, Surr
2,6-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
2-AMINO-4,6-DINITROTOLUENE	1.6	Q	0.13	LOD	0.22	LOQ	ug/L	J	Lcs, Surr
2-NITROTOLUENE	0.22	U Q M	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.44	U Q	0.44	LOD	0.44	LOQ	ug/L	UJ	Lcs, Surr

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



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280-130115-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA	
Method:	8330A	Matrix: Water

10/23/2019 8:30:00									
Sample ID:SP-S2	Collected:AM			Analysis Type:Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
4-AMINO-2,6-DINITROTOLUENE	1.3	Q	0.13	LOD	0.22	LOQ	ug/L	J	Lcs, Surr
4-NITROTOLUENE	0.44	U Q M	0.44	LOD	1.1	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.44	U M Q	0.44	LOD	2.2	LOQ	ug/L	UJ	Surr
HMX	0.42	J M Q	0.22	LOD	0.44	LOQ	ug/L	J	RI, Surr
NITROBENZENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.31	J J1 Q	0.44	LOD	0.44	LOQ	ug/L	J	RI, Surr
Tetryl	0.22	U M Q	0.22	LOD	0.26	LOQ	ug/L	UJ	Surr

10/23/2019 8:33:00									
Sample ID:SP-S22	Collected:AM			Analysis Type:Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	17	Q	0.45	LOD	1.1	LOQ	ug/L	J	Surr
1,3-DINITROBENZENE	0.22	U Q	0.22	LOD	0.45	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	5.5	Q	0.45	LOD	0.45	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.45	LOQ	ug/L	UJ	Lcs, Surr
2,6-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
2-AMINO-4,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
2-NITROTOLUENE	0.22	U Q M	0.22	LOD	0.45	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.45	U Q	0.45	LOD	0.45	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
4-NITROTOLUENE	0.45	U Q M	0.45	LOD	1.1	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.45	U M Q	0.45	LOD	2.2	LOQ	ug/L	UJ	Surr
HMX	0.22	U M Q	0.22	LOD	0.45	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.22	U Q	0.22	LOD	0.45	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.45	U Q	0.45	LOD	0.45	LOQ	ug/L	UJ	Surr, ProfJudg
Tetryl	0.22	U Q M	0.22	LOD	0.27	LOQ	ug/L	UJ	Surr

10/23/2019 8:35:00									
Sample ID:SP-S6	Collected:AM			Analysis Type:Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	4.7		0.43	LOD	1.1	LOQ	ug/L	J	Surr
1,3-DINITROBENZENE	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.79		0.43	LOD	0.43	LOQ	ug/L	J	Surr

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Project Name and Number: Unknown - Unknown



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Lab Reporting Batch ID: 280-130115-1

Laboratory: TAL DEN

EDD Filename:
280-130115-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA	
Method:	8330A	Matrix: Water

Sample ID: SP-S6		10/23/2019 8:35:00		Analysis Type: Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2,4-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
2,6-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
2-AMINO-4,6-DINITROTOLUENE	0.13	U Q M	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr, ProfJudg
2-NITROTOLUENE	0.22	U Q	0.22	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.43	U Q	0.43	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.24	Q J1	0.13	LOD	0.22	LOQ	ug/L	J	Lcs, Surr
4-NITROTOLUENE	0.43	U Q	0.43	LOD	1.1	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.43	U Q	0.43	LOD	2.2	LOQ	ug/L	UJ	Surr
HMX	0.22	U	0.22	LOD	0.43	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.22	U Q	0.22	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.43	U Q	0.43	LOD	0.43	LOQ	ug/L	UJ	Surr
Tetryl	0.22	U M	0.22	LOD	0.26	LOQ	ug/L	UJ	Surr

Sample ID: SP-S8		10/23/2019 8:38:00		Analysis Type: Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.48	J	0.44	LOD	1.1	LOQ	ug/L	J	RI
2,4-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs
2,6-DINITROTOLUENE	0.22	U Q	0.22	LOD	0.22	LOQ	ug/L	UJ	Lcs
2-AMINO-4,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs
2-NITROTOLUENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.44	U Q	0.44	LOD	0.44	LOQ	ug/L	UJ	Lcs
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.22	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.44	U Q	0.44	LOD	1.1	LOQ	ug/L	UJ	Lcs
NITROBENZENE	0.22	U Q	0.22	LOD	0.44	LOQ	ug/L	UJ	Lcs

Method Category:	VOA	
Method:	8260B	Matrix: Water

Sample ID: SP-E1		10/23/2019 8:41:00		Analysis Type: Initial/TOT				Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.64	J	0.40	LOD	3.0	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



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Laboratory: TAL DEN

EDD Filename:
280-130115-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	VOA
Method:	8260B
Matrix:	Water

Sample ID: SP-S2 Collected: 10/23/2019 8:30:00 AM Analysis Type: Initial/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,1,1-TRICHLOROETHANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,1,2,2-TETRACHLOROETHANE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.25	J	0.40	LOD	3.0	LOQ	ug/L	J	RI, ProfJudg
1,1,2-TRICHLOROETHANE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,1-DICHLOROETHANE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,1-DICHLOROETHENE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2,3-TRICHLOROBENZENE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2,4-TRICHLOROBENZENE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	1.6	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
1,2-DIBROMOETHANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2-DICHLOROBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2-DICHLOROETHANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,2-DICHLOROPROPANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,3-DICHLOROBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
1,4-DICHLOROBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
2-BUTANONE	4.0	U	4.0	LOD	6.0	LOQ	ug/L	UJ	ProfJudg
2-HEXANONE	4.0	U	4.0	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
4-METHYL-2-PENTANONE	3.2	U	3.2	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
ACETONE	6.4	U	6.4	LOD	10	LOQ	ug/L	UJ	ProfJudg
BENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
BROMOCHLOROMETHANE	0.20	U	0.20	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
BROMODICHLOROMETHANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
BROMOFORM	1.0	U	1.0	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
BROMOMETHANE	0.80	U	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
CARBON DISULFIDE	0.80	U	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
CARBON TETRACHLORIDE	0.40	U	0.40	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
CHLOROBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
CHLOROETHANE	1.6	U	1.6	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
CHLOROFORM	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
CHLOROMETHANE	0.80	U	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
CIS-1,2-DICHLOROETHENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
CIS-1,3-DICHLOROPROPENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
CYCLOHEXANE	0.80	U	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

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Lab Reporting Batch ID: 280-130115-1

Laboratory: TAL DEN

EDD Filename:
280-130115-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category: VOA
Method: 8260B **Matrix:** Water

10/23/2019 8:30:00									
Sample ID:SP-S2		Collected:AM			Analysis Type:Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
DIBROMOCHLOROMETHANE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
DICHLORODIFLUOROMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
ETHYLBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
ISOPROPYLBENZENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
METHYL ACETATE	4.0	U	4.0	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
METHYL CYCLOHEXANE	0.40	U	0.40	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
METHYL TERT-BUTYL ETHER	0.80	U	0.80	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
METHYLENE CHLORIDE	2.0	U	2.0	LOD	5.0	LOQ	ug/L	UJ	ProfJudg
STYRENE	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TETRACHLOROETHENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TOLUENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TOTAL XYLENES	0.80	U	0.80	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TRANS-1,2-DICHLOROETHENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TRANS-1,3-DICHLOROPROPENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TRICHLOROETHENE	0.40	U	0.40	LOD	1.0	LOQ	ug/L	UJ	ProfJudg
TRICHLOROFLUOROMETHANE	0.80	U	0.80	LOD	2.0	LOQ	ug/L	UJ	ProfJudg
VINYL CHLORIDE	0.20	U	0.20	LOD	1.5	LOQ	ug/L	UJ	ProfJudg

10/23/2019 8:33:00									
Sample ID:SP-S22		Collected:AM			Analysis Type:Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.25	J	0.40	LOD	3.0	LOQ	ug/L	J	RI

10/23/2019 8:30:00									
Sample ID:TB-1074		Collected:AM			Analysis Type:Initial/TOT			Dilution: 1	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMODICHLOROMETHANE	0.88	J	0.40	LOD	1.0	LOQ	ug/L	J	RI
CHLOROFORM	0.68	J	0.40	LOD	1.0	LOQ	ug/L	J	RI
DIBROMOCHLOROMETHANE	0.66	J	0.40	LOD	1.0	LOQ	ug/L	J	RI

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Project Name and Number: Unknown - Unknown



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eQAPP Name: CHAAP_EQAPP_20180320

280-130115-1_52_2a_Brice_CornhuskerAAP

Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
ProfJudg	Professional Judgment
RI	Reporting Limit Trace Value
Surr	Surrogate/Tracer Recovery Lower Estimation

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