

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-129619	OS001-DP01-25	Explosives	All detected explosives	J	High Surrogate Recovery
280-129619	OS001-DP01-35	Explosives	All Explosives	J/UJ	Low Surrogate Recovery
280-129619	OS001-DP01-45	Explosives	1,3,5-Trinitrobenzene	J	Low MS/MSD Recovery
280-129619	OS001-DP01-501	Explosives	All Explosives	J/UJ	Low Surrogate Recovery
280-129619	OS001-DP01-25	Explosives	2,4,6-trinitrotoluene	J	ICV %D Outside Evaluation Criteria
280-129619	OS001-DP01-35	Explosives	2,4,6-trinitrotoluene	J	ICV %D Outside Evaluation Criteria
280-129619	OS001-DP01-501	Explosives	2,4,6-trinitrotoluene	J	ICV %D Outside Evaluation Criteria
280-129619	OS001-DP01-45	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-25	Explosives	HMX	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-35	Explosives	HMX	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-45	Explosives	HMX	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-501	Explosives	HMX	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-25	Explosives	tetryl	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-25	Explosives	2,6-trinitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-35	Explosives	tetryl	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-35	Explosives	2,6-trinitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-45	Explosives	tetryl	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-45	Explosives	2,6-trinitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-501	Explosives	tetryl	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-501	Explosives	2,6-trinitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129619	OS001-DP01-35	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129619	OS001-DP01-501	Explosives	1,3,5-trinitrobenzene	J	RPD above 40% between primary and confirmation columns
280-129619	OS001-DP01-501	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129830	EW7-PM23A-1-25	Explosives	All undiluted explosives	J/UJ	Low Surrogate Recovery
280-129830	EW7-PM25A-1-25	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129830	EW7-PM25B-1-35	TKN	TKN	J	Low MS/MSD Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MNX = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

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280-129830	EW7-PM25B-1-35	Anions	Sulfate	J	High MS/MSD Recovery
280-129830	EW7-PM25B-1-35	Explosives	1,3,5-Trinitrobenzene	J	Low MS/MSD Recovery
280-129830	EW7-PM25B-1-35	Explosives	2-nitrotoluene	UJ	Low MS/MSD Recovery
280-129830	EW7-PM25B-1-35	Explosives	3-nitrotoluene	UJ	Low MS/MSD Recovery
280-129830	EW7-PM25B-1-35	RSK-175	Methane	J	High MS/MSD Recovery
280-129830	EW7-PM23A-1-25	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129830	EW7-PM25A-1-25	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129830	EW7-PM25B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129794	EW7-PM521B-1-35	TKN	TKN	J	Low MS/MSD Recovery
280-129794	EW7-PM24A-1-25	Anions	Nitrate-Nitrite	J	Low MS/MSD Recovery
280-129794	EW7-PM21A-1-25	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129794	EW7-PM22A-1-25	Explosives	All detected explosives	J	High Surrogate Recovery
280-129794	EW7-PM22B-1-35	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129794	EW7-PM24A-1-25	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129794	EW7-PM521B-1-35	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129794	EW7-PM21B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129794	EW7-PM521B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129794	EW7-PM22A-1-25	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM22B-1-35	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM21A-1-25	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns

Notes:

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HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MNX = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

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SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-129794	EW7-PM21B-1-35	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM21B-1-35	Explosives	2,4-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM521B-1-35	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM521B-1-35	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM521B-1-35	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129794	EW7-PM521B-1-35	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129857	EW7-PM26A-1-25	TKN	TKN	UJ	Low MS/MSD Recovery
280-129857	EW7-PM23B-1-35	Anions	Nitrate-Nitrite	J	Low MS/MSD Recovery
280-129857	EW7-PM27A-1-25	Explosives	All Explosives	J/UJ	Low Surrogate Recovery
280-129857	EW7-PM27B-1-35	Explosives	All Explosives	J/UJ	Low Surrogate Recovery
280-129857	EW7-PM26B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129857	EW7-PM27A-1-25	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129857	EW7-PM23B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129857	EW7-PM27B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129857	EW7-PM26B-1-35	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129857	EW7-PM26B-1-35	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129857	EW7-PM27B-1-35	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-129857	EW7-PM27B-1-35	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129936	EW7-PM24B-1-35	Explosives	1,3,5-Trinitrobenzene	J	Low Surrogate Recovery
280-129936	G0070-1	TKN	TKN	UJ	Low MS/MSD Recovery
280-129936	G0070-1	Anions	Sulfate	J	High MS/MSD Recovery
280-129936	EW7-PM28B-1-35	Explosives	All Explosives	J/UJ	Low Surrogate Recovery

Notes:

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LCS = laboratory control sample

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MXN = mono-nitroso-RDX

MS = matrix spike

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RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

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280-129936	EW7-PM29B-1-35	Explosives	All Explosives	J/UJ	Low Surrogate Recovery
280-129936	G0070-1	Explosives	2-nitrotoluene	UJ	Low MS/MSD Recovery
280-129936	G0070-1	Explosives	3-nitrotoluene	UJ	Low MS/MSD Recovery
280-129936	G0070-1	Explosives	4-nitrotoluene	UJ	Low MS/MSD Recovery
280-129936	G0080-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low Surrogate Recovery
280-129936	EW7-PM24B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	EW7-PM29B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	EW7-PM29A-1-25	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	EW7-PM28A-1-25	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	EW7-PM28B-1-35	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0081-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0075-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0079-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0080-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0081-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0075-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0079-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	G0080-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-129936	EW7-PM24B-1-35	Explosives	2,4,6-trinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129936	EW7-PM29B-1-35	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-129936	EW7-PM29A-1-25	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129936	G0081-1	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns

Notes:

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280-129936	G0081-1	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129936	G0075-1	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129936	G0080-1	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129990	NW023-1	TKN	TKN	J	Low MS/MSD Recovery
280-129990	NW062-1	TKN	TKN	J	Low MS/MSD Recovery
280-129990	NW020-1	Anions	Nitrate-Nitrite	J	Low MS/MSD Recovery
280-129990	G0076-1	Anions	Sulfate	J	Holding Time Exceeded
280-129990	G0076-1	Explosives	All explosives	UJ	Low Surrogate Recovery
280-129990	G0082-1	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129990	G0092-1	Explosives	Nitrobenzene	UJ	Low Surrogate Recovery
280-129990	NW020-1	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129990	NW023-1	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-129990	NW062-1	Explosives	All explosives	UJ	Low Surrogate Recovery
280-129990	G0091-1	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129990	G0091-1	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129990	G0082-1	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129990	G0082-1	Explosives	2-amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-129990	NW082R-1	DOC	DOC	U	Method Blank Contamination
280-129990	G0082-1	DOC	DOC	U	Method Blank Contamination
280-129990	NW071-1	DOC	DOC	U	Method Blank Contamination
280-129990	G0076-1	DOC	DOC	U	Method Blank Contamination
280-130070	PZ019-1	Explosives	1,3,5-trinitrobenzene	UJ	Low MS/MSD Recovery

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280-130070	PZ019-1	Explosives	1,3-dinitrobenzene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	2,4,6-trinitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	2,4-dinitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	2,6-dinitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	2-nitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	3-nitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	4-nitrotoluene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	MNX	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	HMX	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	Nitrobenzene	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Explosives	RDX	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	TKN	TKN	UJ	Low MS/MSD Recovery
280-130070	PZ019-1	Anions	Nitrate-Nitrite	J	High MS/MSD Recovery
280-130070	NW051-1	Anions	Nitrate-Nitrite	J	Low MS/MSD Recovery
280-130070	G0024-1	Explosives	2,4,6-trinitrotoluene	UJ	Low Surrogate Recovery
280-130070	G0024-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low Surrogate Recovery
280-130070	G0024-1	Explosives	tetryl	UJ	Low Surrogate Recovery
280-130070	NW022-1	Explosives	Nitrobenzene	UJ	Low Surrogate Recovery
280-130070	G0024-1	Explosives	1,3-dinitrobenzene	UJ	Low Surrogate Recovery
280-130070	PZ018-1	Explosives	All explosives	J/UJ	Low Surrogate Recovery

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280-130070	PZ021-1	Explosives	All explosives	J/UJ	Low Surrogate Recovery
280-130070	G0024-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	G0024-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0024-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	G0077-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	G0077-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0077-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery

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MS = matrix spike

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280-130070	G0078-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0078-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	G0086-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	G0086-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	G0086-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	Irrigation Well 2019	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	1,3-dinitrobenzene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MXN = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound



**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130070	NW022-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	MNX	UJ	Low LCS Recovery
280-130070	NW022-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	1,3-dinitrobenzene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	MNX	UJ	Low LCS Recovery
280-130070	NW050-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	1,3-dinitrobenzene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MNX = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130070	NW051-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	MXN	UJ	Low LCS Recovery
280-130070	NW051-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	NW052-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ017R-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ017R-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ017R-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MXN = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130070	PZ018-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ018-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ018-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	1,3-dinitrobenzene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	MNX	UJ	Low LCS Recovery
280-130070	PZ019-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ020-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ020-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MNX = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130070	PZ020-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	2-amino-4,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ021-1	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130070	PZ021-1	Explosives	2,4-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130070	PZ021-1	Explosives	Nitrobenzene	UJ	Low LCS Recovery
280-130070	PZ020-1	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-130070	PZ017R-1	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-130070	PZ021-1	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-130070	G0086-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	NW052-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	G0024-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	G0077-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	G0078-1	Explosives	4-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	PZ020-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	PZ017R-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130070	PZ021-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MXN = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130070	PZ018-1	Explosives	2-nitrotoluene	UJ	CCV %D Outside Evaluation Criteria
280-130230	OS002-DP01-25	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-25	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-25	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS Recovery
280-130230	OS002-DP01-25	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-25	Explosives	1,3,5-trinitrobenzene	J	High Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	2,4,6-Trinitrobenzene	J	High Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	2-amino-4,6-dinitrotoluene	J	High Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	4-amino-2,6-dinitrotoluene	J	High Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	HMX	J	High Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	RDX	J	High Surrogate Recovery
280-130230	OS002-DP01-35	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-35	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-35	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-35	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-35	Explosives	MNX	UJ	Low Surrogate Recovery
280-130230	OS002-DP01-35	Explosives	Tetryl	UJ	Low Surrogate Recovery
280-130230	OS002-DP01-45	Explosives	2-amino-4,6-dinitrotoluene	UJ	Low Surrogate Recovery
280-130230	OS002-DP01-45	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-45	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-45	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130230	OS002-DP01-45	Explosives	4-nitrotoluene	UJ	Low LCS Recovery

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

J = estimated

LCS = laboratory control sample

LOQ = limit of quantitation

MB = method blank

mm = millimeters

MNX = mono-nitroso-RDX

MS = matrix spike

MSD = matrix spike duplicate

RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine

RL = reporting limit

RPD = relative percent difference

RSK = Robert S. Kerr Environmental Research Laboratory

SDG = sample delivery group

TKN = Total Kjeldahl Nitrogen

U = nondetect

UJ = estimated nondetect

VOC = volatile organic compound

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - BASELINE**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-130230	OS002-DP01-45	Explosives	MXN	UJ	Low Surrogate Recovery
280-130230	OS003-DP01-25	Explosives	All explosives	UJ	Low Surrogate Recovery
280-130230	OS003-DP01-25	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-25	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-25	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-25	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-35	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-35	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-35	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-35	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-45	Explosives	2-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-45	Explosives	3-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-45	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-45	Explosives	4-nitrotoluene	UJ	Low LCS Recovery
280-130230	OS003-DP01-45	Explosives	2,6-dinitrotoluene	UJ	Low Surrogate Recovery
280-130230	OS003-DP01-45	Explosives	MXN	UJ	Low Surrogate Recovery
280-130230	OS003-DP01-45	Explosives	Tetryl	UJ	Low Surrogate Recovery
280-130230	OS002-DP01-25	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-130230	OS002-DP01-25	Explosives	4-amino-2,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-130230	OS003-DP01-35	Explosives	2-amino-4,6-dinitrotoluene	UJ	RPD above 40% between primary and confirmation columns

Notes:

% = percent

CCV = continuing calibration verification

HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine

ID = identification number

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