

**TABLE D-1**  
**SUMMARY OF QUALIFIERS**  
**OUI REBOUND STUDY LETTER REPORT - QUARTER 8**

SDG	Field ID	Analysis	Analyte	Qualifier	Comments
280-159056				NONE	
280-159130	OS001-DP08-25	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-159130	OS003-DP08-35	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS003-DP08-35	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS003-DP08-45	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS003-DP08-45	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS001-DP08-25	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS001-DP08-25	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery
280-159130	OS501-DP08-25	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS501-DP08-25	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery
280-159130	OS001-DP08-35	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS001-DP08-35	Explosives	4-amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery
280-159130	OS001-DP08-45	Explosives	3-nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS001-DP08-45	Explosives	4-amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159130	OS003-DP08-45	Explosives	3-nitrotoluene	UJ	Low MS/MSD Recovery
280-159130	OS003-DP08-45	Explosives	2-nitrotoluene	UJ	Low MS/MSD Recovery
280-159137	EW7-PM29B-8-35	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM29B-8-35	Explosives	4-Amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM25A-8-25	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM25A-8-25	Explosives	4-Amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD 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

LCSD = laboratory control spike duplicate

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

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280-159137	EW7-PM25B-8-35	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM25B-8-35	Explosives	4-Amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM26A-8-25	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM26A-8-25	Explosives	4-Amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery
280-159137	EW7-PM26B-8-35	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM26B-8-35	Explosives	4-Amino-2,6-dinitrotoluene	UJ	Low LCS/LCSD Recovery
280-159137	EW7-PM29B-8-35	Anions	Sulfate	J	High MS/MSD Recovery
280-159137	EW7-PM25A-8-25	RSK-175	Methane	J	VOA headspace above 6mm
280-159137	EW7-PM26A-8-25	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-159190	All Samples	TKN	TKN	J/UJ	Low MS/MSD Recovery
280-159190	EW7-PM24A-8-25	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-159234	G0076-8	Sulfide	Sulfide	U	Method Blank Contamination
280-159234	G0086-8	Sulfide	Sulfide	U	Method Blank Contamination
280-159234	G0087-8	Explosives	All detected explosives	J	High Surrogate Recovery
280-159234	G0070-8	Ammonia	Ammonia	J	High MS/MSD Recovery
280-159234	G0076-8	Anions	Sulfate	J	High MS/MSD Recovery
280-159332	G0096-8	Explosives	MNX	J	RPD above 40% between primary and confirmation columns
280-159332	G0296-8	Explosives	MNX	J	RPD above 40% between primary and confirmation columns
280-159332	G0077-8	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-159332	G0094-8	Explosives	MNX	J	RPD above 40% between primary and confirmation columns
280-159332	G0094-8	Explosives	1,3-Dinitrobenzene	J	RPD above 40% between primary and confirmation columns

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MS = matrix spike

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

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280-159332	PZ021-8	Explosives	HMX	J	RPD above 40% between primary and confirmation columns
280-159332	PZ019-8	TKN	TKN	UJ	Low MS/MSD Recovery
280-159332	PZ021-8	Anions	Nitrate/Nitrite	J	Low MS/MSD Recovery
280-159332	PZ017R-8	Explosives	HMX	UJ	Field Duplicate RPD
280-159332	PZ021-8	Explosives	HMX	J	Field Duplicate RPD
280-159332	PZ017R-8	TKN	TKN	J	Field Duplicate RPD
280-159332	PZ021-8	TKN	TKN	J	Field Duplicate RPD
280-159384	G0022-8	Explosives	2-Amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-159384	WATER-WC-Q8-MAR22	Explosives	MNX	J	RPD above 40% between primary and confirmation columns
280-159384	WATER-WC-Q8-MAR22	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-159384	WATER-WC-Q8-MAR22	Explosives	2-Amino-4,6-dinitrotoluene	J	RPD above 40% between primary and confirmation columns
280-159384	G0121-8	Explosives	RDX	J	RPD above 40% between primary and confirmation columns
280-159384	G0122-8	Explosives	MNX	J	RPD above 40% between primary and confirmation columns
280-159384	G0122-8	TKN	TKN	J	Low MS/MSD Recovery
280-159384	G0122-8	Anions	Sulfate	J	High MS/MSD Recovery
280-159384	WATER-WC-Q8-MAR22	Explosives	2-Amino-4,6-dinitrotoluene	J	High Surrogate Recovery
280-159384	WATER-WC-Q8-MAR22	Explosives	4-Amino-2,6-dinitrotoluene	J	High Surrogate Recovery
280-159384	WATER-WC-Q8-MAR22	Explosives	MNX	J	High Surrogate Recovery
280-159384	WATER-WC-Q8-MAR22	Explosives	RDX	J	High Surrogate Recovery
280-159454	G0311-8	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159454	G0311-8	Explosives	4-Amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery
280-159454	G0111-8	Explosives	3-Nitrotoluene	UJ	Low LCS/LCSD Recovery
280-159454	G0111-8	Explosives	4-Amino-2,6-dinitrotoluene	J	Low LCS/LCSD Recovery

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