

metals
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MATRIX SPIKE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q1739
contract: PARS02 **lab code:** CHEM **case no.:** Q1739 **sas no.:** Q1739
matrix: Water **sample id:** Q1739-02 **client id:** WC-LIQUID-20250404MS
Percent Solids for Sample: NA **Spiked ID:** Q1739-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	35.3		2.00	U	40.0	88		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q1739
contract: PARS02 **lab code:** CHEM **case no.:** Q1739 **sas no.:** Q1739
matrix: Water **sample id:** Q1739-02 **client id:** WC-LIQUID-20250404MSD
Percent Solids for Sample: NA **Spiked ID:** Q1739-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	38.2		2.00	U	40.0	96		CV

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MATRIX SPIKE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q1739
contract: PARS02 **lab code:** CHEM **case no.:** Q1739 **sas no.:** Q1739
matrix: Water **sample id:** Q1740-04 **client id:** TP-20MS
Percent Solids for Sample: NA **Spiked ID:** Q1740-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4180		100	U	4000	104		P
Barium	ug/L	75 - 125	3010		2120		1000	89		P
Cadmium	ug/L	75 - 125	928		30.0	U	1000	93		P
Chromium	ug/L	75 - 125	2150		50.0	U	2000	108		P
Lead	ug/L	75 - 125	4450		55.2	J	5000	88		P
Selenium	ug/L	75 - 125	9970		100	U	10000	100		P
Silver	ug/L	75 - 125	380		50.0	U	380	100		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q1739
contract: PARS02 **lab code:** CHEM **case no.:** Q1739 **sas no.:** Q1739
matrix: Water **sample id:** Q1740-04 **client id:** TP-20MSD
Percent Solids for Sample: NA **Spiked ID:** Q1740-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4430		100	U	4000	111		P
Barium	ug/L	75 - 125	3580		2120		1000	147	N	P
Cadmium	ug/L	75 - 125	943		30.0	U	1000	94		P
Chromium	ug/L	75 - 125	2170		50.0	U	2000	108		P
Lead	ug/L	75 - 125	4530		55.2	J	5000	89		P
Selenium	ug/L	75 - 125	10600		100	U	10000	106		P
Silver	ug/L	75 - 125	392		50.0	U	380	103		P