

Stage 2 Data Validation Memorandum
Chevron Bishop Loss of Containment Response Site
Galeton, Colorado
Solid Samples
Sample Delivery Group: L1852114
Report Date: May 16, 2025

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the six solid samples and associated quality control (QC) samples (including aqueous blanks) collected on April 25, 2025, at the Chevron Bishop Loss of Containment Response Site in Galeton, Colorado. These samples were collectively analyzed by Pace Analytical National Center for Testing and Innovation (Pace National) of Mount Juliet, Tennessee, for volatile organic compounds (VOCs) by SW-846 Method 8260D, semivolatile organic compounds (SVOCs) by SW-846 Method 8270E, total metals by SW-846 Methods 6010D, nitrate-nitrite by SW-846 Method 9056A, ammonia nitrogen by US EPA Method 350.1, total nitrogen by calculation, total Kjeldahl nitrogen (TKN) by Standard Method (SM) 4500-NORG-D, and total organic carbon (TOC) by American Society of Agronomy (ASA) Walkley Black method.

This review was performed in accordance with the Bishop Loss of Containment, Galeton, Colorado Environmental Sampling and Analysis Plan (CTEH; Version 1.3, May 1, 2025), the Bishop Loss of Containment Incident Draft Quality Assurance Project Plan (QAPP; Environmental Standards, Inc. [Environmental Standards]; Version 1.0, April 25, 2025), and the above-referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Superfund Methods Data Review (US EPA, 2020) and the National Functional Guidelines for Inorganic Superfund Methods Data Review (US EPA, 2020). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the SM, SW-846, US EPA, and ASA methods utilized by the laboratory for these samples. Environmental Standards used professional judgment to determine the quality of the analytical results and compliance relative to the SM, SW-846, US EPA, and ASA methods utilized by the laboratory.

Summary

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established measurement quality objectives. This QA review includes all samples in Pace National Sample Delivery Group (SDG) L1852114.

The samples that have undergone Stage 2 data validation are listed below:

Sample Identification	Laboratory Sample Identification	Laboratory SDG	Matrix	Date Sample Collected	Parameter(s) Examined
GACO0425T050S001	L1852114-01	L1852114	Solid	4/25/25	VOC, SVOC, M, N+N, NH ₃ , TN, TKN, TOC
GACO0425T050S002	L1852114-02	L1852114	Solid	4/25/25	VOC, SVOC, M, N+N, NH ₃ , TN, TKN, TOC
GACO0425T050S003	L1852114-03	L1852114	Solid	4/25/25	VOC, SVOC, M, N+N, NH ₃ , TN, TKN, TOC
GACO0425T050S004	L1852114-04	L1852114	Solid	4/25/25	VOC, SVOC, M, N+N, NH ₃ , TN, TKN, TOC
GACO0425T050S005	L1852114-05	L1852114	Solid	4/25/25	VOC, SVOC, M, N+N, NH ₃ , TN, TKN, TOC
GACO0425T050T002 (Trip Blank)	L1852114-06	L1852114	Aq	4/25/25	VOC

Notes:

VOC - VOCs by SW-846 Method 8260D.
 SVOC - SVOCs by SW-846 Method 8270E.
 M - Total Metals by SW-846 Method 6010D.
 N+N - Nitrate-Nitrite by SW-846 Method 9056A.
 NH₃ - Ammonia Nitrogen by US EPA Method 350.1
 TN - Total Nitrogen by Calculation.
 TKN - TKN by SM 4500-NORG-D.
 TOC - TOC by ASA Walkley-Black Method.
 Aq - Aqueous.

ITEMS REVIEWED

Chain-of-Custody (COC) Record and Case Narrative	Sample Preservation and Condition Upon Laboratory Receipt
Holding Times	Surrogate Recovery
Blank Results	Laboratory Results
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD) Results	Matrix Spike and Matrix Spike Duplicate (MS/MSD) Results
Results Reported Between the Method Detection Limit (MDL)/Reporting Limit (RL) and Quantitation Limit (QL)	Percent Solids

Comments

1. The laboratory analyzed TKN by SM 4500-NORG-D for the samples rather than US EPA Method 351.2 which was requested on the COC Record. Qualification of data for this discrepancy was not warranted.
2. The analysis for benzidine in sample GACO0425T050S005 should be considered unusable due to very low (<10%) MS/MSD recoveries. The result that has been flagged "R" is summarized on the table below.

Based on the items included in this QA review, the following qualifiers are offered.

Analyte(s)	Sample(s)	Validation Qualifier(s)	Reason for Qualification
benzidine	GACO0425T050S005	R	MS-
TKN	All samples except GACO0425T050S002	J	LD
nitrate-nitrite, aluminum, and iron	All samples	J	MSP
antimony, magnesium, manganese, and potassium	All samples	UJ/J-	MS-
methylene chloride	GACO0425T050T002	UJ	LC-
total nitrogen	All samples	J	CR

- All positive results reported between the MDL/RL and QL should be considered estimated and have been flagged "J" on the data tables. (Reason Code RL)

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Report reviewed by:	Jared K. Acker, CEAC, Senior Quality Assurance Chemist
Report approved by:	Amanda J. Cover, CEAC, Associate Chemist/Project Manager
Date review completed:	5/16/2025



SECTION 2

ANALYTICAL RESULTS

DATA QUALIFIERS

- U** The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- R** The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
- J** The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+** The result is an estimated quantity, but the result may be biased high.
- J-** The result is an estimated quantity, but the result may be biased low.
- UJ** The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- NJ** The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.



REASON CODES AND EXPLANATIONS

Reason Code¹	Description
<i>¹ For any Reason Code that does not indicate that the potential bias is indeterminate, the "+" or "-" reason code may be appended to the qualification reason code in order to indicate a direction of bias (e.g., MS+ would be used to indicate potential high bias due to a high matrix spike recovery)</i>	
+	The associated quality control item indicates a potential high bias in the sample result
-	The associated quality control item indicates a potential low bias in the sample result
AST	Compound not quantitated against an authentic standard; potential bias indeterminate
BF	Contamination present in a field blank (e.g., Field Blank, Equipment Blank, etc.); evaluation criteria exceeded
BL	Contamination present in a laboratory blank (e.g., Method Blank, Instrument Blank, etc.); evaluation criteria exceeded
BN	Elevated detection limit or estimated result due to negative instrument drift (e.g., negative instrument blank result with an absolute value > 2× the method detection limit)
BT	Contamination present in the Trip Blank; evaluation criteria exceeded
CC	Possible contamination due to carryover from a previous sample
CR	Calculated result in which one or more of the components has been qualified
CRQ	Calculated result flagged due to reporting protocol
CT	Cooler temperature criteria not met
CV	Continuing calibration verification evaluation criteria not met
CY	Chemical Yield recovery criteria not met
DI	Detector instability (radionuclide chemistry); potential bias indeterminate
EC	Result exceeds the calibration range; potential bias indeterminate
FD	Field duplicate imprecision; potential bias indeterminate
FP	Target compound identification criteria not met; potential false positive
GH	Headspace present in the gamma spectrometer sample analysis vessel; potential bias indeterminate
GS	Low sample density in the gamma spectrometer sample analysis vessel; potential bias indeterminate
HT	Holding time exceeded
HV	Headspace present in volatile vials
IC	Initial calibration evaluation criteria not met

Reason Code ¹	Description
IN	Interference (e.g., laboratory, chemical, chromatographic/instrumental, and/or matrix) present in the analysis
IR	Interference check standard evaluation criteria not met
IS	Internal standard evaluation criteria not met
LC	Laboratory control sample/laboratory control sample duplicate recovery criteria not met
LCP	Laboratory control sample/laboratory control sample duplicate precision criteria not met; potential bias indeterminate
LD	Laboratory duplicate precision criteria not met; potential bias indeterminate
LR	Linear range exceeded; potential bias indeterminate
MDP	Laboratory deviated from the method for a method-defined parameter, based on regulatory requirements
MS	Matrix spike/matrix spike duplicate recovery criteria not met
MSP	Matrix spike/matrix spike duplicate precision criteria not met; potential bias indeterminate
NQC	Absence of supporting quality control samples
PD	Post-digestion spike recovery criteria not met
OT	Other deficiencies, see validation report for additional details
PM	Performance evaluation mixture criteria not met
PS	Low percent solids; potential bias indeterminate
PT	Chromatographic pattern in sample does not match pattern of calibration standard
QCI	Quantitation/confirmation ion ratios in sample are inconsistent with reference spectra; potential bias indeterminate
RA	Replicate/multiple analyses criteria not met; potential bias indeterminate
RM	Reference material recovery criteria not met
RL	The analysis meets all qualitative identification criteria, but the measured concentration is between the method detection limit and the quantitation or reporting limit; potential bias indeterminate
RS	Reporting limit standard(s) outside of acceptance limits
SA	Method of standard additions criteria not met; potential bias indeterminate
SC	Relative percent difference between two columns exceeds criteria; potential bias indeterminate
SCC	Second column confirmation was not performed as required by the analysis method
SCT	Sample counting time error (radionuclide chemistry); potential bias indeterminate

Reason Code ¹	Description
SD	Serial dilution results did not meet evaluation criteria
SP	Sample preservation criteria not met
SR	Surrogate recovery criteria not met
SS	Second source calibration verification/initial calibration verification criteria not met
ST	Sample container type incorrect
SU	Sample result is less than the two-sigma uncertainty
SUN	Absolute value of the negative sample result is greater than the two-sigma uncertainty
SW	Sample switch suspected
TD	Result for dissolved constituent significantly exceeded result for total constituent; potential bias indeterminate
TIR	Tentatively identified compound; observed in an associated laboratory, equipment, field, or trip blank.
TN	Instrument tune criteria not met
Y	Potential bias due to the y-intercept in the calibration curve significantly affecting the analyte response



Lab Sample ID	L1852114-01
Sys Sample Code	GACO0425T050S001
Sample Name	GACO0425T050S001
Sample Date	4/25/2025 8:10:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.11

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	3650000	J	CR	639	639	21100	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg		U		7580	7580	10500	N	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	94.9						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	3640000	J	LD	160000	160000	211000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	6630000	J	MSP	6410	6410	21100	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		UJ	MS-	728	728	2110	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	444			50.3	50.3	211	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	8560000			20000	20000	105000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	3210			187	187	1050	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	9540000	J	MSP	2360	2360	10500	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	2640000	J-	MS-	21000	21000	105000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	226000	J-	MS-	182	182	1050	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	2640000	J-	MS-	22000	22000	105000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	101000	J	RL	43400	43400	105000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		546	546	2110	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	16200			404	404	2110	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.05	1.05	2.77	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.02	1.02	2.77	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.770	0.770	2.77	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.661	0.661	2.77	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.835	0.835	2.77	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.544	0.544	2.77	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.671	0.671	2.77	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.896	0.896	2.77	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.12	8.12	13.8	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.79	1.79	13.8	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.75	1.75	5.54	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		4.87	4.87	13.8	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.32	4.32	27.7	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.718	0.718	2.77	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.471	0.471	5.54	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.719	0.719	2.77	N	Y	1	DRY

Lab Sample ID	L1852114-01
Sys Sample Code	GACO0425T050S001
Sample Name	GACO0425T050S001
Sample Date	4/25/2025 8:10:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.11

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.57	1.57	5.54	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.665	0.665	5.54	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.555	0.555	5.54	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.775	0.775	5.54	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.53	1.53	2.77	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		70.3	70.3	111	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		0.958	0.958	2.77	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.498	0.498	5.54	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.53	2.53	27.7	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		40.4	40.4	55.4	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		4.00	4.00	13.8	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		0.997	0.997	13.8	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.803	0.803	2.77	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.30	1.30	27.7	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg	3.97	J	RL	2.18	2.18	13.8	Y	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		0.995	0.995	5.54	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.233	0.233	2.77	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.678	0.678	2.77	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		U		1.88	1.88	5.54	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.14	1.14	2.77	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		4.82	4.82	13.8	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.813	0.813	2.77	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.838	0.838	2.77	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.831	0.831	5.54	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.78	1.78	5.54	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.454	0.454	1.11	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		6.65	6.65	27.7	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.471	0.471	2.77	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.388	0.388	1.11	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.35	7.35	27.7	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		5.82	5.82	13.8	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.05	1.05	5.54	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		2.82	2.82	5.54	N	Y	1	DRY

Lab Sample ID	L1852114-01
Sys Sample Code	GACO0425T050S001
Sample Name	GACO0425T050S001
Sample Date	4/25/2025 8:10:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.11

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.19	3.19	13.8	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.254	0.254	13.8	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.16	2.16	5.54	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		0.992	0.992	2.77	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.15	1.15	5.54	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.26	1.26	5.54	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.647	0.647	1.11	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.916	0.916	2.77	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.28	1.28	2.77	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		21.9	21.9	702	N	Y	2	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		20.8	20.8	702	N	Y	2	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		21.3	21.3	702	N	Y	2	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		20.9	20.9	702	N	Y	2	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		30.4	30.4	702	N	Y	2	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		22.6	22.6	702	N	Y	2	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		20.4	20.4	702	N	Y	2	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		18.3	18.3	702	N	Y	2	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		164	164	702	N	Y	2	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		20.1	20.1	702	N	Y	2	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		23.0	23.0	702	N	Y	2	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		12.3	12.3	70.2	N	Y	2	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		23.2	23.2	702	N	Y	2	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		25.1	25.1	702	N	Y	2	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		25.9	25.9	702	N	Y	2	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		159	159	702	N	Y	2	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		24.7	24.7	702	N	Y	2	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		22.8	22.8	702	N	Y	2	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		24.4	24.4	702	N	Y	2	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		21.9	21.9	702	N	Y	2	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		9.88	9.88	70.2	N	Y	2	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		U		132	132	3520	N	Y	2	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		12.9	12.9	70.2	N	Y	2	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		21.9	21.9	702	N	Y	2	DRY

Lab Sample ID	L1852114-01
Sys Sample Code	GACO0425T050S001
Sample Name	GACO0425T050S001
Sample Date	4/25/2025 8:10:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.11

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		21.1	21.1	702	N	Y	2	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		23.2	23.2	702	N	Y	2	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		88.9	88.9	702	N	Y	2	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		23.2	23.2	702	N	Y	2	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		149	149	702	N	Y	2	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		24.0	24.0	702	N	Y	2	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		47.4	47.4	702	N	Y	2	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		23.6	23.6	702	N	Y	2	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		24.9	24.9	702	N	Y	2	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		36.9	36.9	702	N	Y	2	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		27.6	27.6	702	N	Y	2	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		21.5	21.5	702	N	Y	2	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		24.4	24.4	702	N	Y	2	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		104	104	702	N	Y	2	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		23.4	23.4	702	N	Y	2	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		53.1	53.1	702	N	Y	2	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		18.9	18.9	702	N	Y	2	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		13.9	13.9	70.2	N	Y	2	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		28.2	28.2	702	N	Y	2	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg	7820	J	MSP,RL	639	639	21100	Y	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	44200000			255000	255000	1000000	Y	Y	10	NA

Lab Sample ID	L1852114-02
Sys Sample Code	GACO0425T050S002
Sample Name	GACO0425T050S002
Sample Date	4/25/2025 8:45:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.24

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	1070000	J	CR	639	639	21100	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg		U		7590	7590	10600	N	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	94.8						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	1060000			160000	160000	211000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	4450000	J	MSP	6420	6420	21100	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		UJ	MS-	729	729	2110	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	367			50.3	50.3	211	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	6080000			20000	20000	106000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	2670			187	187	1060	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	6980000	J	MSP	2360	2360	10600	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	1760000	J-	MS-	21000	21000	106000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	154000	J-	MS-	183	183	1060	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	1760000	J-	MS-	22100	22100	106000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	71000	J	RL	43500	43500	106000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		547	547	2110	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	11900			404	404	2110	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.05	1.05	2.78	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.03	1.03	2.78	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.772	0.772	2.78	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.663	0.663	2.78	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.837	0.837	2.78	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.545	0.545	2.78	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.673	0.673	2.78	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.898	0.898	2.78	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.14	8.14	13.9	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.80	1.80	13.9	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.75	1.75	5.55	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		4.89	4.89	13.9	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.33	4.33	27.8	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.720	0.720	2.78	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.472	0.472	5.55	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.721	0.721	2.78	N	Y	1	DRY

Lab Sample ID	L1852114-02
Sys Sample Code	GACO0425T050S002
Sample Name	GACO0425T050S002
Sample Date	4/25/2025 8:45:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.24

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.58	1.58	5.55	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.666	0.666	5.55	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.556	0.556	5.55	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.777	0.777	5.55	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.53	1.53	2.78	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		70.5	70.5	111	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		0.961	0.961	2.78	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.500	0.500	5.55	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.53	2.53	27.8	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		40.5	40.5	55.5	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		4.01	4.01	13.9	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		1.00	1.00	13.9	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.805	0.805	2.78	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.30	1.30	27.8	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg		U		2.19	2.19	13.9	N	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		0.997	0.997	5.55	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.233	0.233	2.78	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.680	0.680	2.78	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		U		1.89	1.89	5.55	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.14	1.14	2.78	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		4.83	4.83	13.9	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.815	0.815	2.78	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.841	0.841	2.78	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.833	0.833	5.55	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.79	1.79	5.55	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.455	0.455	1.11	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		6.66	6.66	27.8	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.472	0.472	2.78	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.389	0.389	1.11	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.37	7.37	27.8	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		5.83	5.83	13.9	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.06	1.06	5.55	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		2.83	2.83	5.55	N	Y	1	DRY

Lab Sample ID	L1852114-02
Sys Sample Code	GACO0425T050S002
Sample Name	GACO0425T050S002
Sample Date	4/25/2025 8:45:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.24

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.20	3.20	13.9	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.254	0.254	13.9	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.17	2.17	5.55	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		0.995	0.995	2.78	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.15	1.15	5.55	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.27	1.27	5.55	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.649	0.649	1.11	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.918	0.918	2.78	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.29	1.29	2.78	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		11.0	11.0	351	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		10.4	10.4	351	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		10.7	10.7	351	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		10.5	10.5	351	N	Y	1	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		15.2	15.2	351	N	Y	1	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		11.3	11.3	351	N	Y	1	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		10.2	10.2	351	N	Y	1	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		9.18	9.18	351	N	Y	1	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		82.2	82.2	351	N	Y	1	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		10.1	10.1	351	N	Y	1	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		11.5	11.5	351	N	Y	1	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		6.17	6.17	35.1	N	Y	1	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		11.6	11.6	351	N	Y	1	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		12.6	12.6	351	N	Y	1	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		13.0	13.0	351	N	Y	1	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		79.7	79.7	351	N	Y	1	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		12.3	12.3	351	N	Y	1	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		11.4	11.4	351	N	Y	1	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		12.2	12.2	351	N	Y	1	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		11.0	11.0	351	N	Y	1	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		4.95	4.95	35.1	N	Y	1	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		U		66.1	66.1	1760	N	Y	1	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		6.43	6.43	35.1	N	Y	1	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		11.0	11.0	351	N	Y	1	DRY

Lab Sample ID	L1852114-02
Sys Sample Code	GACO0425T050S002
Sample Name	GACO0425T050S002
Sample Date	4/25/2025 8:45:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.24

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		10.6	10.6	351	N	Y	1	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		11.6	11.6	351	N	Y	1	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		44.5	44.5	351	N	Y	1	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		11.6	11.6	351	N	Y	1	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		74.5	74.5	351	N	Y	1	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		12.0	12.0	351	N	Y	1	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		23.7	23.7	351	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		11.8	11.8	351	N	Y	1	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		12.5	12.5	351	N	Y	1	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		18.5	18.5	351	N	Y	1	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		13.8	13.8	351	N	Y	1	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		10.8	10.8	351	N	Y	1	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		12.2	12.2	351	N	Y	1	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		52.1	52.1	351	N	Y	1	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		11.7	11.7	351	N	Y	1	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		26.6	26.6	351	N	Y	1	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		9.46	9.46	351	N	Y	1	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		6.98	6.98	35.1	N	Y	1	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		14.1	14.1	351	N	Y	1	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg	6200	J	MSP,RL	639	639	21100	Y	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	8610000			128000	128000	500000	Y	Y	5	NA

Lab Sample ID	L1852114-03
Sys Sample Code	GACO0425T050S003
Sample Name	GACO0425T050S003
Sample Date	4/25/2025 9:05:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.27

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	1190000	J	CR	640	640	21100	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg		U		7590	7590	10600	N	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	94.7						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	1180000	J	LD	160000	160000	211000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	8250000	J	MSP	6420	6420	21100	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		UJ	MS-	729	729	2110	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	485			50.4	50.4	211	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	7270000			20100	20100	106000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	3350			187	187	1060	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	10400000	J	MSP	2360	2360	10600	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	2360000	J-	MS-	21000	21000	106000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	198000	J-	MS-	183	183	1060	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	2100000	J-	MS-	22100	22100	106000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	148000			43500	43500	106000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		547	547	2110	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	20700			404	404	2110	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.05	1.05	2.78	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.03	1.03	2.78	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.772	0.772	2.78	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.663	0.663	2.78	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.838	0.838	2.78	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.546	0.546	2.78	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.673	0.673	2.78	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.899	0.899	2.78	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.15	8.15	13.9	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.80	1.80	13.9	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.76	1.76	5.56	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		4.89	4.89	13.9	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.33	4.33	27.8	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.720	0.720	2.78	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.472	0.472	5.56	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.721	0.721	2.78	N	Y	1	DRY

Lab Sample ID	L1852114-03
Sys Sample Code	GACO0425T050S003
Sample Name	GACO0425T050S003
Sample Date	4/25/2025 9:05:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.27

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.58	1.58	5.56	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.667	0.667	5.56	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.557	0.557	5.56	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.778	0.778	5.56	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.53	1.53	2.78	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		70.6	70.6	111	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		0.961	0.961	2.78	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.500	0.500	5.56	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.53	2.53	27.8	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		40.6	40.6	55.6	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		4.01	4.01	13.9	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		1.00	1.00	13.9	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.806	0.806	2.78	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.30	1.30	27.8	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg		U		2.19	2.19	13.9	N	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		0.998	0.998	5.56	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.233	0.233	2.78	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.680	0.680	2.78	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		U		1.89	1.89	5.56	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.14	1.14	2.78	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		4.83	4.83	13.9	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.816	0.816	2.78	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.841	0.841	2.78	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.834	0.834	5.56	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.79	1.79	5.56	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.456	0.456	1.11	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		6.67	6.67	27.8	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.472	0.472	2.78	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.389	0.389	1.11	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.38	7.38	27.8	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		5.83	5.83	13.9	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.06	1.06	5.56	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		2.83	2.83	5.56	N	Y	1	DRY

Lab Sample ID	L1852114-03
Sys Sample Code	GACO0425T050S003
Sample Name	GACO0425T050S003
Sample Date	4/25/2025 9:05:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.27

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.20	3.20	13.9	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.255	0.255	13.9	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.17	2.17	5.56	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		0.996	0.996	2.78	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.16	1.16	5.56	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.27	1.27	5.56	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.649	0.649	1.11	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.919	0.919	2.78	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.29	1.29	2.78	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		11.0	11.0	352	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		10.4	10.4	352	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		10.7	10.7	352	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		10.5	10.5	352	N	Y	1	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		15.2	15.2	352	N	Y	1	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		11.3	11.3	352	N	Y	1	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		10.2	10.2	352	N	Y	1	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		9.18	9.18	352	N	Y	1	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		82.2	82.2	352	N	Y	1	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		10.1	10.1	352	N	Y	1	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		11.5	11.5	352	N	Y	1	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		6.18	6.18	35.2	N	Y	1	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		11.6	11.6	352	N	Y	1	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		12.6	12.6	352	N	Y	1	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		13.0	13.0	352	N	Y	1	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		79.7	79.7	352	N	Y	1	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		12.4	12.4	352	N	Y	1	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		11.4	11.4	352	N	Y	1	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		12.2	12.2	352	N	Y	1	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		11.0	11.0	352	N	Y	1	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		4.95	4.95	35.2	N	Y	1	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		U		66.1	66.1	1760	N	Y	1	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		6.43	6.43	35.2	N	Y	1	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		11.0	11.0	352	N	Y	1	DRY

Lab Sample ID	L1852114-03
Sys Sample Code	GACO0425T050S003
Sample Name	GACO0425T050S003
Sample Date	4/25/2025 9:05:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	5.27

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		10.6	10.6	352	N	Y	1	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		11.6	11.6	352	N	Y	1	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		44.5	44.5	352	N	Y	1	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		11.6	11.6	352	N	Y	1	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		74.5	74.5	352	N	Y	1	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		12.0	12.0	352	N	Y	1	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		23.8	23.8	352	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		11.8	11.8	352	N	Y	1	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		12.5	12.5	352	N	Y	1	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		18.5	18.5	352	N	Y	1	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		13.8	13.8	352	N	Y	1	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		10.8	10.8	352	N	Y	1	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		12.2	12.2	352	N	Y	1	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		52.2	52.2	352	N	Y	1	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		11.7	11.7	352	N	Y	1	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		26.6	26.6	352	N	Y	1	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		9.46	9.46	352	N	Y	1	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		6.98	6.98	35.2	N	Y	1	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		14.1	14.1	352	N	Y	1	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg	11300	J	MSP,RL	640	640	21100	Y	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	11500000			128000	128000	500000	Y	Y	5	NA

Lab Sample ID	L1852114-04
Sys Sample Code	GACO0425T050S004
Sample Name	GACO0425T050S004
Sample Date	4/25/2025 10:15:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	4.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	1280000	J	CR	637	637	21000	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg	34400			7560	7560	10500	Y	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	95.1						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	1270000	J	LD	160000	160000	210000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	7620000	J	MSP	6390	6390	21000	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		UJ	MS-	726	726	2100	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	454			50.1	50.1	210	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	6840000			20000	20000	105000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	3350			186	186	1050	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	9600000	J	MSP	2350	2350	10500	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	2230000	J-	MS-	20900	20900	105000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	198000	J-	MS-	182	182	1050	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	2040000	J-	MS-	22000	22000	105000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	141000			43300	43300	105000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		544	544	2100	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	19200			403	403	2100	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.04	1.04	2.76	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.02	1.02	2.76	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.766	0.766	2.76	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.658	0.658	2.76	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.831	0.831	2.76	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.541	0.541	2.76	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.668	0.668	2.76	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.892	0.892	2.76	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.08	8.08	13.8	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.79	1.79	13.8	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.74	1.74	5.51	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		4.85	4.85	13.8	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.30	4.30	27.6	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.714	0.714	2.76	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.468	0.468	5.51	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.715	0.715	2.76	N	Y	1	DRY

Lab Sample ID	L1852114-04
Sys Sample Code	GACO0425T050S004
Sample Name	GACO0425T050S004
Sample Date	4/25/2025 10:15:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	4.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.57	1.57	5.51	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.661	0.661	5.51	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.552	0.552	5.51	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.772	0.772	5.51	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.52	1.52	2.76	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		70.0	70.0	110	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		0.953	0.953	2.76	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.496	0.496	5.51	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.51	2.51	27.6	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		40.2	40.2	55.1	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		3.98	3.98	13.8	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		0.992	0.992	13.8	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.799	0.799	2.76	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.29	1.29	27.6	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg		U		2.17	2.17	13.8	N	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		0.990	0.990	5.51	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.231	0.231	2.76	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.675	0.675	2.76	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		U		1.87	1.87	5.51	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.14	1.14	2.76	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		4.79	4.79	13.8	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.809	0.809	2.76	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.834	0.834	2.76	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.827	0.827	5.51	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.77	1.77	5.51	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.452	0.452	1.10	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		6.61	6.61	27.6	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.468	0.468	2.76	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.386	0.386	1.10	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.32	7.32	27.6	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		5.79	5.79	13.8	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.05	1.05	5.51	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		2.81	2.81	5.51	N	Y	1	DRY

Lab Sample ID	L1852114-04
Sys Sample Code	GACO0425T050S004
Sample Name	GACO0425T050S004
Sample Date	4/25/2025 10:15:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	4.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.17	3.17	13.8	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.252	0.252	13.8	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.15	2.15	5.51	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		0.988	0.988	2.76	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.15	1.15	5.51	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.26	1.26	5.51	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.644	0.644	1.10	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.911	0.911	2.76	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.28	1.28	2.76	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		21.9	21.9	700	N	Y	2	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		20.7	20.7	700	N	Y	2	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		21.2	21.2	700	N	Y	2	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		20.8	20.8	700	N	Y	2	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		30.3	30.3	700	N	Y	2	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		22.5	22.5	700	N	Y	2	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		20.4	20.4	700	N	Y	2	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		18.3	18.3	700	N	Y	2	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		164	164	700	N	Y	2	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		20.1	20.1	700	N	Y	2	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		22.9	22.9	700	N	Y	2	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		12.3	12.3	70.0	N	Y	2	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		23.1	23.1	700	N	Y	2	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		25.0	25.0	700	N	Y	2	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		25.9	25.9	700	N	Y	2	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		159	159	700	N	Y	2	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		24.6	24.6	700	N	Y	2	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		22.7	22.7	700	N	Y	2	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		24.4	24.4	700	N	Y	2	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		21.9	21.9	700	N	Y	2	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		9.86	9.86	70.0	N	Y	2	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		U		131	131	3510	N	Y	2	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		12.8	12.8	70.0	N	Y	2	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		21.9	21.9	700	N	Y	2	DRY

Lab Sample ID	L1852114-04
Sys Sample Code	GACO0425T050S004
Sample Name	GACO0425T050S004
Sample Date	4/25/2025 10:15:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	4.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		21.0	21.0	700	N	Y	2	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		23.1	23.1	700	N	Y	2	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		88.7	88.7	700	N	Y	2	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		23.1	23.1	700	N	Y	2	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		148	148	700	N	Y	2	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		24.0	24.0	700	N	Y	2	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		47.3	47.3	700	N	Y	2	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		23.5	23.5	700	N	Y	2	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		24.8	24.8	700	N	Y	2	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		36.8	36.8	700	N	Y	2	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		27.5	27.5	700	N	Y	2	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		21.4	21.4	700	N	Y	2	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		24.4	24.4	700	N	Y	2	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		104	104	700	N	Y	2	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		23.3	23.3	700	N	Y	2	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		53.0	53.0	700	N	Y	2	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		18.8	18.8	700	N	Y	2	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		13.9	13.9	70.0	N	Y	2	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		28.2	28.2	700	N	Y	2	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg	12500	J	MSP,RL	637	637	21000	Y	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	17700000			128000	128000	500000	Y	Y	5	NA

Lab Sample ID	L1852114-05
Sys Sample Code	GACO0425T050S005
Sample Name	GACO0425T050S005
Sample Date	4/25/2025 10:35:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	8.18

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	1360000	J	CR	660	660	21800	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg		U		7830	7830	10900	N	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	91.8						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	1340000	J	LD	166000	166000	218000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	7240000	J	MSP	6620	6620	21800	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		UJ	MS-	753	753	2180	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	578			51.9	51.9	218	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	3850000			20700	20700	109000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	4430			193	193	1090	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	9950000	J	MSP	2440	2440	10900	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	2390000	J-	MS-	21700	21700	109000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	249000	J-	MS-	188	188	1090	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	2150000	J-	MS-	22800	22800	109000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	171000			44900	44900	109000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		564	564	2180	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	17500			417	417	2180	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.12	1.12	2.95	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.09	1.09	2.95	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.819	0.819	2.95	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.703	0.703	2.95	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.888	0.888	2.95	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.579	0.579	2.95	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.714	0.714	2.95	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.953	0.953	2.95	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.64	8.64	14.7	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.91	1.91	14.7	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.86	1.86	5.89	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		5.18	5.18	14.7	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.60	4.60	29.5	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.764	0.764	2.95	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.501	0.501	5.89	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.765	0.765	2.95	N	Y	1	DRY

Lab Sample ID	L1852114-05
Sys Sample Code	GACO0425T050S005
Sample Name	GACO0425T050S005
Sample Date	4/25/2025 10:35:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	8.18

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.67	1.67	5.89	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.707	0.707	5.89	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.590	0.590	5.89	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.825	0.825	5.89	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.63	1.63	2.95	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		74.8	74.8	118	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		1.02	1.02	2.95	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.530	0.530	5.89	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.69	2.69	29.5	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		43.0	43.0	58.9	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		4.25	4.25	14.7	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		1.06	1.06	14.7	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.854	0.854	2.95	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.38	1.38	29.5	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg		U		2.32	2.32	14.7	N	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		1.06	1.06	5.89	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.247	0.247	2.95	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.721	0.721	2.95	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		U		2.00	2.00	5.89	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.21	1.21	2.95	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		5.13	5.13	14.7	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.865	0.865	2.95	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.892	0.892	2.95	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.884	0.884	5.89	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.90	1.90	5.89	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.483	0.483	1.18	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		7.07	7.07	29.5	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.501	0.501	2.95	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.412	0.412	1.18	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.82	7.82	29.5	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		6.19	6.19	14.7	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.12	1.12	5.89	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		3.00	3.00	5.89	N	Y	1	DRY

Lab Sample ID	L1852114-05
Sys Sample Code	GACO0425T050S005
Sample Name	GACO0425T050S005
Sample Date	4/25/2025 10:35:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	8.18

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.39	3.39	14.7	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.270	0.270	14.7	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.30	2.30	5.89	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		1.06	1.06	2.95	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.23	1.23	5.89	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.34	1.34	5.89	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.688	0.688	1.18	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.974	0.974	2.95	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.37	1.37	2.95	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		11.3	11.3	363	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		10.7	10.7	363	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		11.0	11.0	363	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		10.8	10.8	363	N	Y	1	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		15.7	15.7	363	N	Y	1	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		11.7	11.7	363	N	Y	1	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		10.6	10.6	363	N	Y	1	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		9.47	9.47	363	N	Y	1	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		84.8	84.8	363	N	Y	1	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		10.4	10.4	363	N	Y	1	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		11.9	11.9	363	N	Y	1	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		6.37	6.37	36.3	N	Y	1	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		12.0	12.0	363	N	Y	1	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		13.0	13.0	363	N	Y	1	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		13.4	13.4	363	N	Y	1	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		82.2	82.2	363	N	Y	1	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		12.7	12.7	363	N	Y	1	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		11.8	11.8	363	N	Y	1	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		12.6	12.6	363	N	Y	1	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		11.3	11.3	363	N	Y	1	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		5.11	5.11	36.3	N	Y	1	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		R	MS-	68.2	68.2	1820	N	Y	1	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		6.63	6.63	36.3	N	Y	1	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		11.3	11.3	363	N	Y	1	DRY

Lab Sample ID	L1852114-05
Sys Sample Code	GACO0425T050S005
Sample Name	GACO0425T050S005
Sample Date	4/25/2025 10:35:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	8.18

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		10.9	10.9	363	N	Y	1	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		12.0	12.0	363	N	Y	1	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		46.0	46.0	363	N	Y	1	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		12.0	12.0	363	N	Y	1	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		76.9	76.9	363	N	Y	1	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		12.4	12.4	363	N	Y	1	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		24.5	24.5	363	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		12.2	12.2	363	N	Y	1	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		12.9	12.9	363	N	Y	1	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		19.1	19.1	363	N	Y	1	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		14.3	14.3	363	N	Y	1	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		11.1	11.1	363	N	Y	1	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		12.6	12.6	363	N	Y	1	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		53.8	53.8	363	N	Y	1	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		12.1	12.1	363	N	Y	1	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		27.4	27.4	363	N	Y	1	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		9.76	9.76	363	N	Y	1	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		7.20	7.20	36.3	N	Y	1	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		14.6	14.6	363	N	Y	1	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg	24300	J	MSP	660	660	21800	Y	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	18800000			128000	128000	500000	Y	Y	5	NA

Lab Sample ID	L1852114-06
Sys Sample Code	GACO0425T050T002
Sample Name	GACO0425T050T002
Sample Date	4/25/2025 7:30:00 AM
Sample Type	TB
Matrix	WQ
Parent Sample	
% Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/L		U		0.147	0.147	1.00	N	Y	1	NA
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/L		U		0.149	0.149	1.00	N	Y	1	NA
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/L		U		0.133	0.133	1.00	N	Y	1	NA
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/L		U		0.158	0.158	1.00	N	Y	1	NA
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/L		U		0.180	0.180	1.00	N	Y	1	NA
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/L		U		0.100	0.100	1.00	N	Y	1	NA
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/L		U		0.188	0.188	1.00	N	Y	1	NA
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/L		U		0.142	0.142	1.00	N	Y	1	NA
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/L		U		0.230	0.230	1.00	N	Y	1	NA
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/L		U		0.237	0.237	2.50	N	Y	1	NA
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/L		U		0.104	0.104	1.00	N	Y	1	NA
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/L		U		0.481	0.481	1.00	N	Y	1	NA
	1,2,4-Trimethylbenzene	95-63-6	N	INITIAL	ug/L		U		0.322	0.322	1.00	N	Y	1	NA
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/L		U		0.276	0.276	5.00	N	Y	1	NA
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/L		U		0.126	0.126	1.00	N	Y	1	NA
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/L		U		0.107	0.107	1.00	N	Y	1	NA
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/L		U		0.0819	0.0819	1.00	N	Y	1	NA
	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/L		U		0.149	0.149	1.00	N	Y	1	NA
	1,3,5-Trimethylbenzene	108-67-8	N	INITIAL	ug/L		U		0.104	0.104	1.00	N	Y	1	NA
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/L		U		0.110	0.110	1.00	N	Y	1	NA
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/L		U		0.110	0.110	1.00	N	Y	1	NA
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/L		U		0.120	0.120	1.00	N	Y	1	NA
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/L		U		0.161	0.161	1.00	N	Y	1	NA
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/L		U		1.19	1.19	10.0	N	Y	1	NA
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/L		U		0.106	0.106	1.00	N	Y	1	NA
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/L		U		0.114	0.114	1.00	N	Y	1	NA
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/L		U		0.478	0.478	10.0	N	Y	1	NA
	Acetone	67-64-1	N	INITIAL	ug/L		U		11.3	11.3	50.0	N	Y	1	NA
	Acrolein	107-02-8	N	INITIAL	ug/L		U		2.54	2.54	50.0	N	Y	1	NA
	Acrylonitrile	107-13-1	N	INITIAL	ug/L		U		0.671	0.671	10.0	N	Y	1	NA
	Benzene	71-43-2	N	INITIAL	ug/L		U		0.0941	0.0941	1.00	N	Y	1	NA
	Bromobenzene	108-86-1	N	INITIAL	ug/L		U		0.118	0.118	1.00	N	Y	1	NA
	Bromodichloromethane	75-27-4	N	INITIAL	ug/L		U		0.136	0.136	1.00	N	Y	1	NA

Lab Sample ID	L1852114-06
Sys Sample Code	GACO0425T050T002
Sample Name	GACO0425T050T002
Sample Date	4/25/2025 7:30:00 AM
Sample Type	TB
Matrix	WQ
Parent Sample	
% Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	Bromoform	75-25-2	N	INITIAL	ug/L		U		0.129	0.129	1.00	N	Y	1	NA
	Bromomethane	74-83-9	N	INITIAL	ug/L		U		0.605	0.605	5.00	N	Y	1	NA
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/L		U		0.128	0.128	1.00	N	Y	1	NA
	Chlorobenzene	108-90-7	N	INITIAL	ug/L		U		0.116	0.116	1.00	N	Y	1	NA
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/L		U		0.140	0.140	1.00	N	Y	1	NA
	Chloroethane	75-00-3	N	INITIAL	ug/L		U		0.192	0.192	5.00	N	Y	1	NA
	Chloroform	67-66-3	N	INITIAL	ug/L		U		0.111	0.111	5.00	N	Y	1	NA
	Chloromethane	74-87-3	N	INITIAL	ug/L		U		0.960	0.960	2.50	N	Y	1	NA
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/L		U		0.126	0.126	1.00	N	Y	1	NA
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/L		U		0.111	0.111	1.00	N	Y	1	NA
	Dibromomethane	74-95-3	N	INITIAL	ug/L		U		0.122	0.122	1.00	N	Y	1	NA
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/L		U		0.374	0.374	5.00	N	Y	1	NA
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/L		U		0.105	0.105	1.00	N	Y	1	NA
	Ethylbenzene	100-41-4	N	INITIAL	ug/L		U		0.137	0.137	1.00	N	Y	1	NA
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/L		U		0.337	0.337	1.00	N	Y	1	NA
	Isopropylbenzene	98-82-8	N	INITIAL	ug/L		U		0.105	0.105	1.00	N	Y	1	NA
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/L		U		0.101	0.101	1.00	N	Y	1	NA
	Methylene Chloride	75-09-2	N	INITIAL	ug/L		UJ	LC-	0.430	0.430	5.00	N	Y	1	NA
	Naphthalene	91-20-3	N	INITIAL	ug/L		U		1.00	1.00	5.00	N	Y	1	NA
	n-Butylbenzene	104-51-8	N	INITIAL	ug/L		U		0.157	0.157	1.00	N	Y	1	NA
	n-Propylbenzene	103-65-1	N	INITIAL	ug/L		U		0.0993	0.0993	1.00	N	Y	1	NA
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/L		U		0.120	0.120	1.00	N	Y	1	NA
	sec-Butylbenzene	135-98-8	N	INITIAL	ug/L		U		0.125	0.125	1.00	N	Y	1	NA
	Styrene	100-42-5	N	INITIAL	ug/L		U		0.118	0.118	1.00	N	Y	1	NA
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/L		U		0.127	0.127	1.00	N	Y	1	NA
	Tetrachloroethene	127-18-4	N	INITIAL	ug/L		U		0.300	0.300	1.00	N	Y	1	NA
	Toluene	108-88-3	N	INITIAL	ug/L		U		0.278	0.278	1.00	N	Y	1	NA
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/L		U		0.149	0.149	1.00	N	Y	1	NA
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/L		U		0.118	0.118	1.00	N	Y	1	NA
	Trichloroethene	79-01-6	N	INITIAL	ug/L		U		0.190	0.190	1.00	N	Y	1	NA
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/L		U		0.160	0.160	5.00	N	Y	1	NA
	Vinyl chloride	75-01-4	N	INITIAL	ug/L		U		0.234	0.234	1.00	N	Y	1	NA
	Xylenes, Total	1330-20-7	N	INITIAL	ug/L		U		0.174	0.174	3.00	N	Y	1	NA