

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-218	Q3311-01	8260-Low					
MW-219	Q3311-02	8260-Low					
MW-1S	Q3311-05	8260-Low					
MW-1D	Q3311-06	8260-Low					
MW-2S	Q3311-07	8260-Low					
MW-101S	Q3311-08	8260-Low					
C-MW-3	Q3311-09	8260-Low					
MW-5BA	Q3311-10	8260-Low					
MW-6BA	Q3311-11	8260-Low					
MW-214D	Q3311-12	8260-Low					
MW-215D	Q3311-13	8260-Low					
MW-227B	Q3311-14	8260-Low					
GW-DUP	Q3311-15	8260-Low					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
Q3311-01	Water	10/07/25	10/08/25		10/09/25
Q3311-02	Water	10/07/25	10/08/25		10/14/25
Q3311-05	Water	10/07/25	10/08/25		10/09/25
Q3311-06	Water	10/07/25	10/08/25		10/09/25
Q3311-07	Water	10/07/25	10/08/25		10/09/25
Q3311-08	Water	10/07/25	10/08/25		10/09/25
Q3311-09	Water	10/07/25	10/08/25		10/09/25
Q3311-10	Water	10/07/25	10/08/25		10/13/25
Q3311-11	Water	10/07/25	10/08/25		10/10/25
Q3311-12	Water	10/07/25	10/08/25		10/13/25
Q3311-13	Water	10/07/25	10/08/25		10/13/25
Q3311-14	Water	10/07/25	10/08/25		10/14/25
Q3311-15	Water	10/07/25	10/08/25		10/14/25

* Details For Test : VOC-TCLVOA-10

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q3311-01	Water	8260-Low	5030		
Q3311-02	Water	8260-Low	5030		
Q3311-03	Water	8260-Low	5030		
Q3311-04	Water	8260-Low	5030		
Q3311-05	Water	8260-Low	5030		
Q3311-06	Water	8260-Low	5030		
Q3311-07	Water	8260-Low	5030		
Q3311-08	Water	8260-Low	5030		
Q3311-09	Water	8260-Low	5030		
Q3311-10	Water	8260-Low	5030		
Q3311-11	Water	8260-Low	5030		
Q3311-12	Water	8260-Low	5030		
Q3311-13	Water	8260-Low	5030		
Q3311-14	Water	8260-Low	5030		
Q3311-15	Water	8260-Low	5030		

Cover Page

Order ID : Q3311

Project ID : The Wills Building

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q3311-01
Q3311-02
Q3311-03
Q3311-04
Q3311-05
Q3311-06
Q3311-07
Q3311-08
Q3311-09
Q3311-10
Q3311-11
Q3311-12
Q3311-13
Q3311-14
Q3311-15

Client Sample Number

MW-218
MW-219
Q3311-02MS
Q3311-02MSD
MW-1S
MW-1D
MW-2S
MW-101S
C-MW-3
MW-5BA
MW-6BA
MW-214D
MW-215D
MW-227B
GW-DUP

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: The Wills Building

Project # N/A

Order ID # Q3311

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

15 Water samples were received on 10/08/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MW-214DDL [4-Bromofluorobenzene - 123%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q3311-03MS} with File ID: VX048177.D recoveries met the requirements for all compounds except for 1,2,3-Trichlorobenzene[73%], 1,2,4-Trichlorobenzene[69%], 1,2-Dibromo-3-Chloropropane[74%], 1,2-Dichlorobenzene[78%], 1,3-Dichlorobenzene[78%], 1,4-Dichlorobenzene[77%] and Tetrachloroethene[260%] due to matrix interference.

The MSD {Q3311-04MSD} with File ID: VX048178.D recoveries met the requirements for all compounds except for Tetrachloroethene[260%] due to matrix interference.

The RPD for {Q3311-04MSD} with File ID: VX048178.D met criteria except for 1,1,2,2-Tetrachloroethane[21%], 1,2,3-Trichlorobenzene[27%], 1,2,4-Trichlorobenzene[27%], 1,2-Dibromo-3-Chloropropane[26%], 1,2-Dichlorobenzene[24%], 1,3-Dichlorobenzene[22%], 1,4-Dichlorobenzene[22%] and Isopropylbenzene[24%] due to difference in results of MS and MSD.

The Blank Spike for {VX1014WBS01} with File ID: VX048156.D met requirements for all compounds except for Methyl Acetate[65%], Methyl tert-butyl Ether[76%] are failing marginally low therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX048100.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane, Carbon Disulfide, Dichlorodifluoromethane, Methylcyclohexane, Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX048126.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane and Dichlorodifluoromethane, Trichlorofluoromethane are failing high but no positive hit in associate sample and Vinyl Chloride is failing high and associate sample having hit of Vinyl Chloride but below CRQL therefore no corrective action taken while Carbon Disulfide is failing high and due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Continuous Calibration File ID VX048153.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane, Carbon Disulfide, Carbon Tetrachloride, Dichlorodifluoromethane, Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.
The Tuning criteria met requirements.

Samples MW-6BA and GW-DUP were diluted due to past history of these samples containing high amounts of compound Tetrachloroethene.

Samples MW-218, MW-1S, MW-1D, MW-101S, C-MW-3, MW-214D, MW-215D and MW-227B were diluted due to high concentrations.

E. Additional Comments:

Trip Blank was not provided with this set of samples.

The Sample # MW-1S, C-MW-3 and MW-5BA have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3311

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 10/18/2025