

November 28, 2022

Mr. Reinbill Maniquez, CHMM
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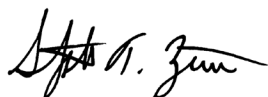
Dear Mr. Maniquez:

Enclosed is the Data Usability Summary Report for the organic and inorganic analyses of the air, soil vapor, soil, and groundwater samples collected on November 17, 2021, for the 150th Street, Bronx, New York Project. Based upon this quality assurance review, several results were qualified as unusable due to very low surrogate recoveries, very low matrix spike/matrix spike duplicate recoveries, and very low laboratory control sample/laboratory control sample duplicate recoveries. The principal areas of concern are high surrogate recoveries, qualitative identification, out-of-control matrix spike/matrix spike duplicate results, out-of-control laboratory control sample/laboratory control sample duplicate results, continuing calibration issues, and high internal standard responses.

The data reviewer noted that several elements were missing from the data package including Chain-of-Custody Records, instrument quality control summary forms, and raw data for several analyses reported. GZA GeoEnvironmental of New York may wish to have the laboratory address the missing information.

If you have any questions or comments, or if we can be of any further assistance, please feel free to call.

Sincerely,



Stephen T. Zeiner, CEAC
Senior Technical Chemist

Sincerely,



Rock J. Vitale, CEAC
Technical Director of Chemistry/
Principal

STZ/RJV:nd

**DATA USABILITY SUMMARY REPORT FOR
150TH STREET, BRONX, NEW YORK PROJECT NEW YORK
SAMPLES COLLECTED ON NOVEMBER 17, 2021
SAMPLE DELIVERY GROUP: GCJ80288**

November 28, 2022

Prepared for:

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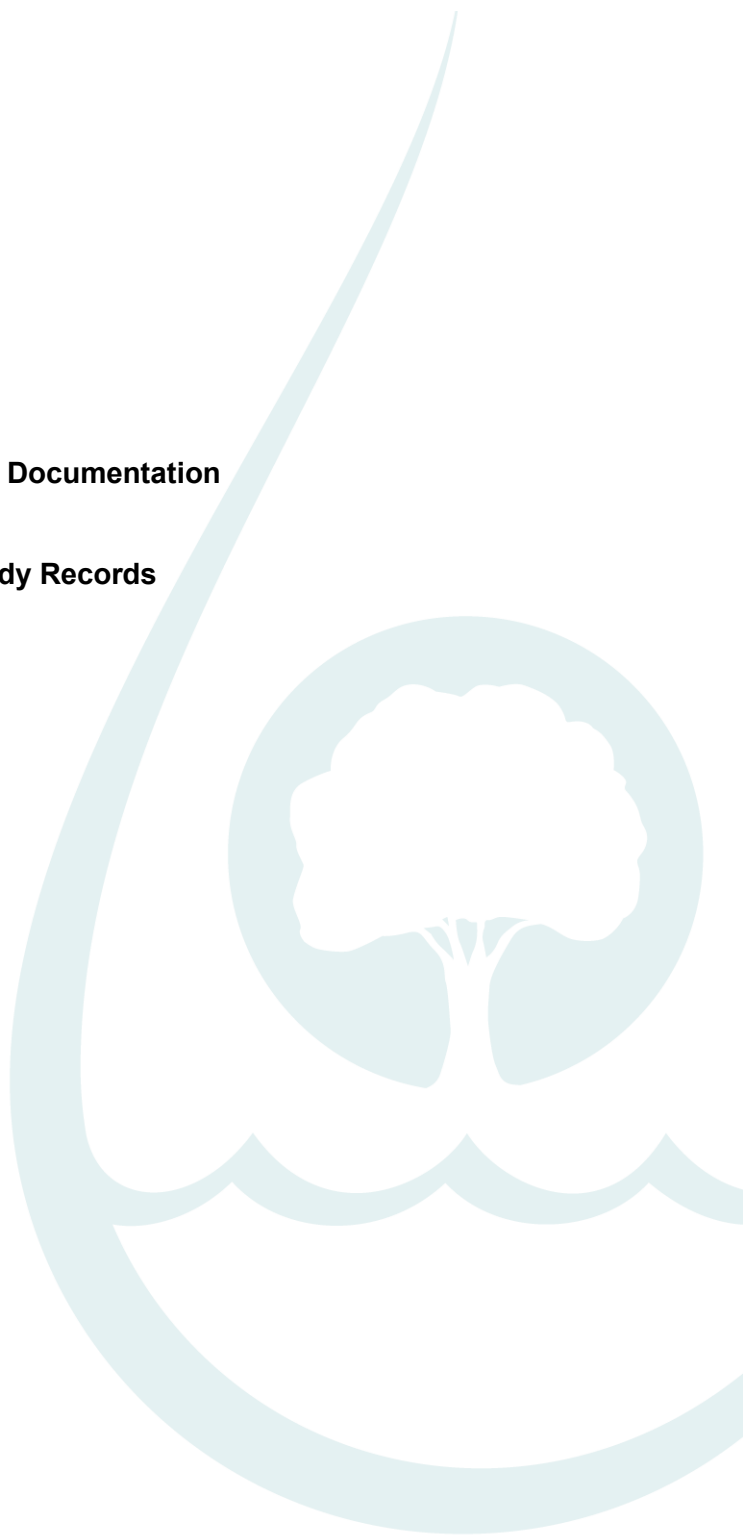
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Introduction

This Data Usability Summary Report (DUSR) is based upon an examination of the data generated from the analyses of the air, soil vapor, soil, and groundwater samples collected on November 17, 2021, for the 150th Street, Bronx, New York Project. This DUSR is applicable to the samples collected by GZA GeoEnvironmental of New York (GZA), as detailed on Table 1. Table 1 also presents the laboratory sample number(s), collection date, matrix, review level, and the parameter(s) examined for each sample.

This quality assurance (QA) review has been performed with guidance from the “National Functional Guidelines for Superfund Organic Methods Data Review,” US EPA, January 2017; “National Functional Guidelines for Inorganic Superfund Methods Data Review,” US EPA, January 2017; “Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS),” New York State Department of Environmental Conservation (NYSDEC), January 2021; and “Final DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B – Guidance for Data Deliverables and the Development of Data Usability Summary Reports,” NYSDEC, May 2010. The data validation included the review of raw data (Level 4 only) and associated quality control (QC) summary forms for compliance with the applicable methods and for data usability with respect to the appropriate guidance documents. These documents have been used to aid the data reviewer in the interpretation of the QC analysis results and in the overall evaluation of the sample data deliverables.

The reported analytical results are presented in Section 2; any required data validation qualifications are presented on the qualified data tables in Section 2. Data were examined to determine the usability of the analytical results and compliance relative to the requirements specified in the methodology(ies). In addition, the deliverables were evaluated for completeness and accuracy. Qualifier codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the usability of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed. Details of this QA review are presented in Section 1 of this report.

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Field Sample Name	Laboratory Sample Number	Laboratory Sample Delivery Group	Date of Sample Collection	Matrix	Review Level	Parameter(s) Examined
SV-14	CJ80288	GCJ80288	11/17/21	SV	Level 4	V*
SV-15	CJ80289	GCJ80288	11/17/21	SV	Level 4	V*
SV-16	CJ80290	GCJ80288	11/17/21	SV	Level 4	V*
AA-CB	CJ80291	GCJ80288	11/17/21	Air	Level 4	V*
AA-02	CJ80292	GCJ80288	11/17/21	Air	Level 4	V*
SV-13	CJ80293	GCJ80288	11/17/21	SV	Level 4	V*
GZ-16 (9.5-10')	CJ80294	GCJ80288	11/17/21	Soil	Level 2A	V, S, M, Hg
GZ-17 (8')	CJ80295	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-17 (6-8')	CJ80296	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg
GZ-18 (2')	CJ80297	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-18 (0-2')	CJ80298	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg
GZ-22 (1')	CJ80299	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-22 (0-2')	CJ80300	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg
GZ-15 (3')	CJ80301	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-15 (2-4')	CJ80302	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg
GZ-21 (3')	CJ80303	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-21 (2-4')	CJ80304	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg
CB-01	CJ80305	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-20 (7.5')/(5.5-7.5')	CJ80306	GCJ80288	11/17/21	Soil	Level 2A	V, S, M, Hg
GZ-23 (3')/(2-4')	CJ80307	GCJ80288	11/17/21	Soil	Level 2A	V, S, M, Hg
GZ-24 (2')/(0-2')	CJ80308	GCJ80288	11/17/21	Soil	Level 2A	V, S, M, Hg
GZ-24 (12')/(11-13')	CJ80309	GCJ80288	11/17/21	Soil	Level 2A	V, S, M, Hg
TMW-16	CJ80310	GCJ80288	11/17/21	Aq	Level 2A	V, S*, M*, Hg*
TMW-17	CJ80311	GCJ80288	11/17/21	Aq	Level 2A	V, S*, M*, Hg*
TRIP BLANK	CJ80312	GCJ80288	11/17/21	Aq	Level 2A	V
GZ-19 (2')	CJ80626	GCJ80288	11/17/21	Soil	Level 2A	V
GZ-19 (0-2')	CJ80627	GCJ80288	11/17/21	Soil	Level 2A	S, M, Hg

TABLE 1 (Cont.)

NOTES:

V	-	Volatile Organic Compounds by SW-846 Method 8260B. (15 Level 2A analyses)
V*	-	Volatile Organic Compounds by US EPA Method TO-15 (Full Scan and Selected Ion Monitoring). (6 Level 4 analyses)
S	-	Semivolatile Organic Compounds by SW-846 Method 8270D. (11 Level 2A analyses)
S*	-	Semivolatile Organic Compounds by SW-846 Method 8270D (Full Scan and Selected Ion Monitoring). (2 Level 2A analyses).
M	-	Total Metals by SW-846 Method 6010D. (11 Level 2B analyses)
M*	-	Dissolved Metals and Dissolved Thallium by SW-846 Method 6010D and Method 7010. (2 Level 2A analyses)
Hg	-	Total Mercury by SW-846 Method 7471B. (11 Level 2B analyses)
Hg*	-	Dissolved Mercury by SW-846 Method 7470A. (2 Level 2B analyses)
SV	-	Soil Vapor.
Aq	-	Aqueous.



Section 1 Quality Assurance Review

A. Organic Data

The analyses of two air samples, four soil vapor samples, 18 soil samples, two groundwater samples, and one aqueous trip blank collected for the 150th Street, Bronx, New York Project in New York, were performed by Phoenix Environmental Laboratories, Inc. (Phoenix) in Manchester, Connecticut. The samples were collectively analyzed for volatile organic compounds (VOCs) by US EPA Method TO-15 (full scan and selected ion monitoring [SIM]); VOCs by SW-846 Method 82620D; and semivolatile organic compounds (SVOCs) by SW-846 Method 8270D (full scan and SIM). The specific samples and analyses reviewed are identified on Table 1.

The findings in this report are based upon a review of data package completeness, sample preservation and holding times, calibration information, blank analysis results, surrogate recoveries, matrix spike/matrix spike duplicate (MS/MSD) results, laboratory control sample/laboratory control sample duplicate (LCS/LCSD) results, internal standard responses, and results reporting. Any required data validation qualifications are presented on the qualified data tables in Section 2.

Based upon the review of the data package provided, the following issues and qualifiers are offered. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

Data Package Completeness Evaluation

1. The Sample Delivery Group (SDG) GCJ80288 data package provided did not include the field Chain-of-Custody Records. The data reviewer utilized the sample identifiers and collection dates reported by the laboratory.
2. The SDG GCJ80288 electronic data deliverable (EDD) provided did not include the results for sample Trip Blank. A copy of the analytical results summary is included in Section 2 of this DUSR.
3. The data reviewer noted that the SDG GCJ80288 QC summaries provided did not include any analytical batches that included sample Trip Blank. The data reviewer evaluated the information provided for this DUSR.
4. The SDG GCJ80288 data package provided included only summary forms for the sample results, preparation blanks, MS/MSD, and LCS/LCSD for the VOCs by SW-846 Method 8260 and SVOCs by SW-846 Method 8270D analyses. Summary forms for initial calibration, calibration verifications, instrument performance QC analyses, sample preparation information, and raw data were not included. The data reviewer was able to perform a Level 2A validation based on the information provided for the QA review.

5. The SDG GCJ80288 data package included two sets of information for the US EPA Method TO-15 analytical data. The data reviewer evaluated the information that corresponded with the analytical data reported in the EDD.
6. The TO-15 initial calibration for instrument CHEM20 performed on 11/15/21 and 11/16/21, included a quadratic curve for both 1,2,4-trichlorobenzene and 1,2,4-trichlorobenzene (SIM). However, the initial calibration summary form did not include the values for the curve and only reported the Coefficient of Determination (R^2) values. The data reviewer did not request the curve information as positive results for 1,2,4-trichlorobenzene were not reported in the associated samples and the R^2 values were > 0.99 for both full scan and SIM.

Sample Holding Time Evaluation

- All sample extractions and analyses were performed within the required holding times; qualification of data was not warranted.

Sample Condition Upon Receipt Evaluation

- Based on the information included in the data package, all samples were received in good condition and within laboratory-specified temperature requirements; qualification of data was not warranted.

Initial Calibration Evaluation

- For TO-15, the initial calibrations were evaluated against the method acceptance limits. All initial calibrations were observed to be within the method acceptance limits or did not impact sample results; qualification of data was not warranted.

Initial and Continuing Calibration Verification Evaluation

- The initial and continuing calibration verifications were evaluated against the method acceptance limits. All initial and continuing calibration verifications were observed to be within the method acceptance limits with the following exceptions.
- The method detection limit (MDL) and reporting detection limit (RDL) for 1,2,4-trichlorobenzene in sample SV-14 may be higher than reported, and the “not-detected” results have been flagged “UJ” on the data tables. A high percent difference ($\%D > \text{acceptance limits}$), coupled with a sensitivity decrease, was observed for 1,2,4-trichlorobenzene in the continuing calibration verification associated with the sample.
- The reported positive results for ethanol and isopropyl alcohol in samples SV-15, AA-CB, AA-02, and SV-13 and for ethanol in sample SV-16 should be considered estimated and have been flagged “J” on the data tables. High $\%Ds (> \text{acceptance limits})$,

coupled with a sensitivity increase, were observed for isopropyl alcohol and/or ethanol in the continuing calibration verification associated with these samples.

Method Blank Evaluation

- The method blanks were found to be free of contamination and qualification was not warranted.

Trip Blank Evaluation

- One trip blank (Sample Trip Blank) was submitted with the data set and found to be free of contamination; therefore, qualification of data was not warranted.

Surrogate Evaluation

- The surrogate recoveries were evaluated against the laboratory acceptance limits and qualification of data is addressed below.
- The analysis for the SVOC acid compounds in sample TMW-16 should be considered unusable, and the “not-detected” results have been flagged “R” on the data tables. A very low recovery (< 10%) was reported for the surrogate compound phenol-d₅ in the analysis of sample TMW-16.
- The reported positive results for 2-methylnaphthalene, benzo(b)fluoranthene, *bis*(2-ethylhexyl) phthalate, chrysene, naphthalene, phenanthrene, and pyrene in sample GZ-22 (0-2') should be considered estimated and have been flagged “J” on the data tables. A high recovery (> 130%) was reported for the surrogate compound nitrobenzene-d₅ in the analysis of sample GZ-22 (0-2').

Matrix Spike/Matrix Spike Duplicate Evaluation

- The MS/MSD recoveries and precision were evaluated against the laboratory-specified acceptance limits. The MS/MSD results were observed to be within the laboratory-specified acceptance limits with the following exceptions.
- The analysis for benzidine in sample GZ-17 (6'-8') should be considered unusable, and the “not-detected” result has been flagged “R” on the data tables. Very low recoveries (< 10%) were reported for benzidine in the associated MS/MSD analyses.
- The MDLs and RDLs for the compounds in the samples listed on the table below may be higher than reported, and the “not-detected” results have been flagged “UJ” (unless flagged “R”) on the data tables. Low recoveries (< laboratory acceptance limit) were observed for these compounds in the associated MS/MSD analyses.

<u>Compound</u>	<u>Sample with Estimated Results (UJ)</u>
4-chloroaniline	GZ-17 (6'-8')
bromomethane	TMW-17

Laboratory Control Sample/Laboratory Control Sample Duplicate Evaluation

- The LCS/LCSD results were evaluated against the laboratory acceptance limits. LCS/LCSD results were observed to be within the laboratory acceptance limits with the following exceptions.
- The analysis for benzidine in all soil samples, except GZ-19 (0-2') should be considered unusable, and the "not-detected" results have been flagged "R" on the data tables. Very low recoveries (< 10%) were reported for benzidine in the associated LCS/LCSD analyses.
- The MDLs and RDLs for the compounds in the samples listed on the table below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless flagged "R") on the data tables. Any reported positive results for the compounds in the samples listed on the table below should be considered estimated biased low and have been flagged "J-" on the data tables. Low recoveries (< laboratory acceptance limit) were observed for these compounds in the associated LCS/LCSD analyses.

<u>Compound(s)</u>	<u>Sample(s) with Estimated Results (J-/UJ)</u>
TMW-16 and TMW-17 GZ-16 (9.5-10')	hexachlorocyclopentadiene 1,1-dichloroethene; acetone; bromomethane; chloroethane; carbon disulfide; and trichlorofluoromethane
GZ-24 (12')/(11-13') GZ-22 (1') and GZ-21(3')	chloroethane and trichlorofluoromethane 1,1-dichloroethene; acetone; bromomethane; carbon disulfide; chloroethane; and trichlorofluoromethane
GZ-19 (2')	tetrahydrofuran

Internal Standard Evaluation

- The SVOC internal standard responses were evaluated against the method acceptance limits. All internal standard responses were observed to be within the method acceptance limits with the following exceptions.
- The MDLs and RDLs for bromoform; 1,1,2,2-tetrachloroethane; benzyl chloride; 1,3-dichlorobenzene; 1,4-dichlorobenzene; sec-butylbenzene; 4-isopropyltoluene; 1,2-dichlorobenzene; n-butylbenzene; 1,2,4-trichlorobenzene; and hexachlorobutadiene in sample SV-14 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. A high response (> 150%) of the associated continuing calibration verification internal standard response for chlorobenzene-d₅.

Results Reporting

- The reported positive results for the analytes listed on the table below should be considered tentatively identified and have been flagged “N” on the data tables. The ratio of the mass-charge ions was significantly different than expected.

<u>Compound(s)</u>	<u>Sample(s) with Tentatively Identified Results (“N”)</u>
cyclohexane and 2-hexanone	SV-14
isopropyl alcohol and carbon disulfide	SV-15
1-1dichloroethene	SV-16
isopropyl alcohol	AA-CB, AA-02, and SV-13

- All positive results were reported at concentrations greater than the sample-specific RDL (adjusted for dilution factors and sample volume/weight). Qualification of data due to results reporting was not warranted.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the protocol and examined in this QA review.

B. Inorganic Data

The analyses of 11 soil samples and two groundwater samples were collected for the 150th Street, Bronx, New York Project in New York, were performed by Phoenix in Manchester, Connecticut. The samples were collectively analyzed for total and dissolved metals by SW-846 Methods 6010D and 7010; and for total and dissolved mercury by SW-846 Methods 7470A and 7471B. The specific samples and analyses reviewed are identified on Table 1.

The findings in this report are based upon a review of data package completeness, sample preservation and holding times, blank analysis results, MS/MSD results, LCS/LCSD results, laboratory duplicate precision, and results reporting. Any required data validation qualifications are presented on the qualified data tables in Section 2.

Based upon the review of the data package provided, the lack of data qualifiers is not an indication of laboratory performance. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

Data Package Completeness Evaluation

1. The SDG GCJ80288 data package provided did not include the field Chain-of-Custody Records. The data reviewer utilized the sample identifiers and collection dates reported by the laboratory.
2. The SDG GCJ80288 data package provided included only summary forms for the sample results, preparation blanks, MS/MSD, LCS/LCSD and laboratory duplicates for the metals and mercury analyses. Summary forms for initial calibration, calibration verifications, instrument blanks, instrument performance QC analyses, preparation information, and raw data were not included. The data reviewer was able to perform a Level 2A validation based on the information provided for the QA review.

Sample Holding Time Evaluation

- All sample extractions and analyses were performed within the required holding times; qualification of data was not warranted.

Sample Condition Upon Receipt Evaluation

- Based on the information included in the data package, all samples were received in good condition and within laboratory-specified temperature requirements; qualification of data was not warranted.

Preparation Blank Evaluation

- The preparation blanks were found to be free of contamination except for potassium and sodium in the Batch 601352 preparation blank. Only sample GZ-19 (0-2') was included in Batch 601352 and the reported results for potassium and sodium were significantly greater ($> 5\times$) the preparation blank concentrations. Qualification due to preparation blank results was not warranted.

Matrix Spike/Matrix Spike Duplicate Evaluation

- The MS/MSD results were evaluated against the method-specified acceptance limits. The data reviewer noted that the sample utilized for the MS/MSD aliquot was not a project sample; therefore, the MS/MSD results were not utilized for qualification.

Laboratory Duplicate Evaluation

- The laboratory results were evaluated against the method-specified acceptance limits. The data reviewer noted that the sample utilized for the laboratory duplicate aliquot was not a project sample; therefore, the laboratory duplicate results were not utilized for qualification.

Laboratory Control Sample/Laboratory Control Sample Duplicate Evaluation

- The LCS/LCSD results were evaluated against the laboratory acceptance limits and were observed to be within criteria; qualification of data was not warranted.

Results Reporting

- All positive results were reported at concentrations greater than the sample-specific RDL (adjusted for dilution factors and sample volume/weight). Qualification of data due to results reporting was not warranted.

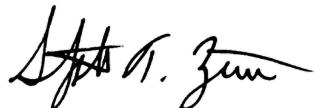
Complete support documentation for this inorganic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the protocol and examined in this QA review.



C. Conclusions

Based upon this QA review, several results were qualified as unusable due to very low surrogate recoveries, very low MS/MSD recoveries, and very low LCS/LCSD recoveries. The principal areas of concern are high surrogate recoveries, qualitative identification, out-of-control MS/MSD results, out-of-control LCS/LCSD results, continuing calibration issues, and high internal standard responses. In order to use any of the data, the data user should understand the qualifications and limitations as specified in this DUSR.

Report Prepared by,



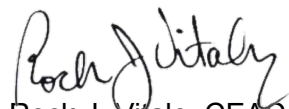
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SECTION 2
ANALYTICAL RESULTS

DATA QUALIFIER NOTES

- U The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”
- J Quantitation is approximate with no direction of bias due to limitations identified during data validation.
- J+ Quantitation is approximate and may be biased high due to limitations identified during data validation.
- J- Quantitation is approximate and may be biased low due to limitations identified during data validation.
- R Unusable result; analyte may or may not be present in sample.
- UJ This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.
- N This analyte’s identification should be considered tentative due to limitations identified during the quality assurance review.

Sample_Name	Lab_Sample_Id	percent_moisture	sample_type_e_code	lab_anl_method_name	cas_rn	chemical_name	result_val_ue	lab_qualifiers	result_unit	Validator_Qualifiers	Interpreted_Qualifiers	Validated_YN	Validation_Level	result_type_e_code	detect_flag	Reportable_e_Result	reporting_detection_limit	detection_limit_unit	dilution_factor	sample_matrix_code	total_or_dissolved	test_type	method_detection_limit
SV-14	CJ80288		N	TO15	100-41-4	Ethylbenzene	32.3		ppbv			Y	Level 4	TRG	Y	Yes	0.23	ppbv	1	Al	N	Initial	0.23
SV-14	CJ80288		N	TO15	100-42-5	Styrene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.235	ppbv	1	Al	N	Initial	0.235
SV-14	CJ80288		N	TO15	100-44-7	Benzyl chloride		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.193	ppbv	1	Al	N	Initial	0.193
SV-14	CJ80288		N	TO15	10061-01-5	cis-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	Al	N	Initial	0.221
SV-14	CJ80288		N	TO15	10061-02-6	trans-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	Al	N	Initial	0.221
SV-14	CJ80288		N	TO15	104-51-8	n-Butylbenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	Al	N	Initial	0.182
SV-14	CJ80288		N	TO15	106-46-7	1,4-Dichlorobenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	Al	N	Initial	0.166
SV-14	CJ80288		N	TO15	106-93-4	1,2-Dibromoethane(EDB)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.13	ppbv	1	Al	N	Initial	0.13
SV-14	CJ80288		N	TO15	106-99-0	1,3-Butadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.452	ppbv	1	Al	N	Initial	0.452
SV-14	CJ80288		N	TO15	107-06-2	1,2-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.247	ppbv	1	Al	N	Initial	0.247
SV-14	CJ80288		N	TO15	107-13-1	Acrylonitrile		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.461	ppbv	1	Al	N	Initial	0.461
SV-14	CJ80288		N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	Al	N	Initial	0.244
SV-14	CJ80288		N	TO15	108-67-8	1,3,5-Trimethylbenzene	0.242		ppbv			Y	Level 4	TRG	Y	Yes	0.204	ppbv	1	Al	N	Initial	0.204
SV-14	CJ80288		N	TO15	108-88-3	Toluene	13.1		ppbv			Y	Level 4	TRG	Y	Yes	0.266	ppbv	1	Al	N	Initial	0.266
SV-14	CJ80288		N	TO15	108-90-7	Chlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	Al	N	Initial	0.217
SV-14	CJ80288		N	TO15	109-99-9	Tetrahydrofuran		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.339	ppbv	1	Al	N	Initial	0.339
SV-14	CJ80288		N	TO15	110-54-3	Hexane	13		ppbv			Y	Level 4	TRG	Y	Yes	0.284	ppbv	1	Al	N	Initial	0.284
SV-14	CJ80288		N	TO15	110-82-7	Cyclohexane	5.56		ppbv	N	N	Y	Level 4	TRG	Y	Yes	0.291	ppbv	1	Al	N	Initial	0.291
SV-14	CJ80288		N	TO15	115-07-1	Propylene	54.8		ppbv			Y	Level 4	TRG	Y	Yes	5.81	ppbv	10	Al	N	Initial	5.81
SV-14	CJ80288		N	TO15	120-82-1	1,2,4-Trichlorobenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.135	ppbv	1	Al	N	Initial	0.135
SV-14	CJ80288		N	TO15	123-91-1	1,4-Dioxane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	Al	N	Initial	0.278
SV-14	CJ80288		N	TO15	124-48-1	Dibromochloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.118	ppbv	1	Al	N	Initial	0.118
SV-14	CJ80288		N	TO15	127-18-4	Tetrachloroethene	0.884		ppbv			Y	Level 4	TRG	Y	Yes	0.037	ppbv	1	Al	N	Initial	0.037
SV-14	CJ80288		N	TO15	135-98-8	sec-Butylbenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	Al	N	Initial	0.182
SV-14	CJ80288		N	TO15	141-78-6	Ethyl acetate		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	Al	N	Initial	0.278
SV-14	CJ80288		N	TO15	142-82-5	Heptane	7.26		ppbv			Y	Level 4	TRG	Y	Yes	0.244	ppbv	1	Al	N	Initial	0.244
SV-14	CJ80288		N	TO15	156-59-2	Cis-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	Al	N	Initial	0.051
SV-14	CJ80288		N	TO15	156-60-5	Trans-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.252	ppbv	1	Al	N	Initial	0.252
SV-14	CJ80288		N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	Al	N	Initial	0.278
SV-14	CJ80288		N	TO15	179601-23-1	m,p-Xylene	74.3		ppbv			Y	Level 4	TRG	Y	Yes	2.3	ppbv	10	Al	N	Initial	2.3
SV-14	CJ80288		N	TO15	541-73-1	1,3-Dichlorobenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	Al	N	Initial	0.166
SV-14	CJ80288		N	TO15	56-23-5	Carbon Tetrachloride	0.04		ppbv			Y	Level 4	TRG	Y	Yes	0.032	ppbv	1	Al	N	Initial	0.032
SV-14	CJ80288		N	TO15	591-78-6	2-Hexanone(MBK)	46.7		ppbv	N	N	Y	Level 4	TRG	Y	Yes	2.44	ppbv	10	Al	N	Initial	2.44
SV-14	CJ80288		N	TO15	622-96-8	4-Ethyltoluene	0.907		ppbv			Y	Level 4	TRG	Y	Yes	0.204	ppbv	1	Al	N	Initial	0.204
SV-14	CJ80288		N	TO15	630-20-6	1,1,1,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	Al	N	Initial	0.146
SV-14	CJ80288		N	TO15	64-17-5	Ethanol	57.4		ppbv			Y	Level 4	TRG	Y	Yes	5.31	ppbv	10	Al	N	Initial	5.31
SV-14	CJ80288		N	TO15	67-63-0	Isopropylalcohol	1.38		ppbv			Y	Level 4	TRG	Y	Yes	0.407	ppbv	1	Al	N	Initial	0.407
SV-14	CJ80288		N	TO15	67-64-1	Acetone	39.8		ppbv			Y	Level 4	TRG	Y	Yes	0.421	ppbv	1	Al	N	Initial	0.421
SV-14	CJ80288		N	TO15	67-66-3	Chloroform	1.91		ppbv			Y	Level 4	TRG	Y	Yes	0.205	ppbv	1	Al	N	Initial	0.205
SV-14	CJ80288		N	TO15	71-43-2	Benzene	2.64		ppbv			Y	Level 4	TRG	Y	Yes	0.313	ppbv	1	Al	N	Initial	0.313
SV-14	CJ80288		N	TO15	71-55-6	1,1,1-Trichloroethane	6.6		ppbv			Y	Level 4	TRG	Y	Yes	0.183	ppbv	1	Al	N	Initial	0.183
SV-14	CJ80288		N	TO15	74-83-9	Bromomethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.258	ppbv	1	Al	N	Initial	0.258
SV-14	CJ80288		N	TO15	74-87-3	Chloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.485	ppbv	1	Al	N	Initial	0.485
SV-14	CJ80288		N	TO15	75-00-3	Chloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.379	ppbv	1	Al	N	Initial	0.379
SV-14	CJ80288		N	TO15	75-01-4	Vinyl Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.078	ppbv	1	Al	N	Initial	0.078
SV-14	CJ80288		N	TO15	75-09-2	Methylene Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.864	ppbv	1	Al	N	Initial	0.864
SV-14	CJ80288		N	TO15	75-15-0	Carbon Disulfide	3.18		ppbv			Y	Level 4	TRG	Y	Yes	0.321	ppbv	1	Al	N	Initial	0.321
SV-14	CJ80288		N	TO15	75-25-2	Bromoform		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.097	ppbv	1	Al	N	Initial	0.097
SV-14	CJ80288		N	TO15	75-27-4	Bromodichloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.149	ppbv	1	Al	N	Initial	0.149
SV-14	CJ80288		N	TO15	75-34-3	1,1-Dichloroethane	0.323		ppbv			Y	Level 4	TRG	Y	Yes	0.247	ppbv	1	Al	N	Initial	0.247
SV-14	CJ80288		N	TO15	75-35-4	1,1-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	Al	N	Initial	0.051
SV-14	CJ80288		N	TO15	75-69-4	Trichlorofluoromethane	0.257		ppbv			Y	Level 4	TRG	Y	Yes	0.178	ppbv	1	Al	N	Initial	0.178
SV-14	CJ80288		N	TO15	75-71-8	Dichlorodifluoromethane	0.966		ppbv			Y	Level 4	TRG	Y	Yes	0.202	ppbv	1	Al	N	Initial	0.202
SV-14	CJ80288		N	TO15	76-13-1	Trichlorotrifluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.131	ppbv	1	Al	N	Initial	0.131
SV-14	CJ80288		N	TO15	76-14-2	1,2-Dichlorotetrafluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.143	ppbv	1	Al	N	Initial	0.143
SV-14	CJ80288		N	TO15	78-87-5	1,2-dichloropropane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	Al	N	Initial	0.217
SV-14	CJ80288		N	TO15	78-93-3	Methyl Ethyl Ketone		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.339	ppbv	1	Al	N	Initial	0.339
SV-14	CJ80288		N	TO15	79-00-5	1,1,2-Trichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.183	ppbv	1	Al	N	Initial	0.183
SV-14	CJ80288		N	TO15	79-01-6	Trichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.037	ppbv	1	Al	N	Initial	0.037
SV-14	CJ80288		N	TO15	79-34-5	1,1,2,2-Tetrachloroethane		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	Al	N	Initial	0.146
SV-14	CJ80288		N	TO15	87-68-3	Hexachlorobutadiene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.094	ppbv	1	Al	N	Initial	0.094
SV-14	CJ80288		N	TO15	95-47-6	o-Xylene	24.3		ppbv			Y	Level 4	TRG	Y	Yes	0.23	ppbv	1	Al	N	Initial	0.23
SV-14	CJ80288		N	TO15	95-50-1	1,2-Dichlorobenzene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	Al	N	Initial	0.166
SV-14	CJ80288		N	TO15	95-63-6	1,2,4-Trimethylbenzene	0.619		ppbv			Y	Level 4	TRG	Y	Yes	0.204	ppbv	1	Al	N	Initial	0.204
SV-14	CJ80288		N	TO15	98-82-8	Isopropylbenzene	0.256		ppbv			Y	Level 4	TRG	Y	Yes	0.204	ppbv	1	Al	N	Initial	0.204

SV-14	CJ80288	N	TO15	99-87-6	4-Isopropyltoluene		U	ppbv	UJ	UJ	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
SV-15	CJ80289	N	TO15	100-41-4	Ethylbenzene	20.9		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-15	CJ80289	N	TO15	100-42-5	Styrene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.17	ppbv	5	AI	N	Initial	1.17
SV-15	CJ80289	N	TO15	100-44-7	Benzyl chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.966	ppbv	5	AI	N	Initial	0.966
SV-15	CJ80289	N	TO15	10061-01-5	cis-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-15	CJ80289	N	TO15	10061-02-6	trans-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-15	CJ80289	N	TO15	104-51-8	n-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-15	CJ80289	N	TO15	106-46-7	1,4-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-15	CJ80289	N	TO15	106-93-4	1,2-Dibromoethane(EDB)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.651	ppbv	5	AI	N	Initial	0.651
SV-15	CJ80289	N	TO15	106-99-0	1,3-Butadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.26	ppbv	5	AI	N	Initial	2.26
SV-15	CJ80289	N	TO15	107-06-2	1,2-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.24	ppbv	5	AI	N	Initial	1.24
SV-15	CJ80289	N	TO15	107-13-1	Acrylonitrile		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.31	ppbv	5	AI	N	Initial	2.31
SV-15	CJ80289	N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-15	CJ80289	N	TO15	108-67-8	1,3,5-Trimethylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-15	CJ80289	N	TO15	108-88-3	Toluene	18.8		ppbv			Y	Level 4	TRG	Y	Yes	1.33	ppbv	5	AI	N	Initial	1.33
SV-15	CJ80289	N	TO15	108-90-7	Chlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.09	ppbv	5	AI	N	Initial	1.09
SV-15	CJ80289	N	TO15	109-99-9	Tetrahydrofuran		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.7	ppbv	5	AI	N	Initial	1.7
SV-15	CJ80289	N	TO15	110-54-3	Hexane	22.4		ppbv			Y	Level 4	TRG	Y	Yes	1.42	ppbv	5	AI	N	Initial	1.42
SV-15	CJ80289	N	TO15	110-82-7	Cyclohexane	7.07		ppbv			Y	Level 4	TRG	Y	Yes	1.45	ppbv	5	AI	N	Initial	1.45
SV-15	CJ80289	N	TO15	115-07-1	Propylene		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.91	ppbv	5	AI	N	Initial	2.91
SV-15	CJ80289	N	TO15	120-82-1	1,2,4-Trichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.674	ppbv	5	AI	N	Initial	0.674
SV-15	CJ80289	N	TO15	123-91-1	1,4-Dioxane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-15	CJ80289	N	TO15	124-48-1	Dibromochloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.587	ppbv	5	AI	N	Initial	0.587
SV-15	CJ80289	N	TO15	127-18-4	Tetrachloroethene	1.54		ppbv			Y	Level 4	TRG	Y	Yes	0.184	ppbv	5	AI	N	Initial	0.184
SV-15	CJ80289	N	TO15	135-98-8	sec-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-15	CJ80289	N	TO15	141-78-6	Ethyl acetate		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-15	CJ80289	N	TO15	142-82-5	Heptane	10		ppbv			Y	Level 4	TRG	Y	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-15	CJ80289	N	TO15	156-59-2	Cis-1,2-Dichloroethene	21.3		ppbv			Y	Level 4	TRG	Y	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-15	CJ80289	N	TO15	156-60-5	Trans-1,2-Dichloroethene	2.41		ppbv			Y	Level 4	TRG	Y	Yes	1.26	ppbv	5	AI	N	Initial	1.26
SV-15	CJ80289	N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-15	CJ80289	N	TO15	179601-23-1	m,p-Xylene	88.3		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-15	CJ80289	N	TO15	541-73-1	1,3-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-15	CJ80289	N	TO15	56-23-5	Carbon Tetrachloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.159	ppbv	5	AI	N	Initial	0.159
SV-15	CJ80289	N	TO15	591-78-6	2-Hexanone(MBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-15	CJ80289	N	TO15	622-96-8	4-Ethyltoluene	2.65		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-15	CJ80289	N	TO15	630-20-6	1,1,1,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.729	ppbv	5	AI	N	Initial	0.729
SV-15	CJ80289	N	TO15	64-17-5	Ethanol	102		ppbv		J	Y	Level 4	TRG	Y	Yes	2.66	ppbv	5	AI	N	Initial	2.66
SV-15	CJ80289	N	TO15	67-63-0	Isopropylalcohol	2.57		ppbv		NJ	Y	Level 4	TRG	Y	Yes	2.04	ppbv	5	AI	N	Initial	2.04
SV-15	CJ80289	N	TO15	67-64-1	Acetone	40.9		ppbv			Y	Level 4	TRG	Y	Yes	2.11	ppbv	5	AI	N	Initial	2.11
SV-15	CJ80289	N	TO15	67-66-3	Chloroform		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-15	CJ80289	N	TO15	71-43-2	Benzene	5.04		ppbv			Y	Level 4	TRG	Y	Yes	1.57	ppbv	5	AI	N	Initial	1.57
SV-15	CJ80289	N	TO15	74-83-9	Bromomethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.29	ppbv	5	AI	N	Initial	1.29
SV-15	CJ80289	N	TO15	74-87-3	Chloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.42	ppbv	5	AI	N	Initial	2.42
SV-15	CJ80289	N	TO15	75-00-3	Chloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.9	ppbv	5	AI	N	Initial	1.9
SV-15	CJ80289	N	TO15	75-01-4	Vinyl Chloride	2.06		ppbv			Y	Level 4	TRG	Y	Yes	0.391	ppbv	5	AI	N	Initial	0.391
SV-15	CJ80289	N	TO15	75-09-2	Methylene Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	4.32	ppbv	5	AI	N	Initial	4.32
SV-15	CJ80289	N	TO15	75-15-0	Carbon Disulfide	7.07		ppbv		N	Y	Level 4	TRG	Y	Yes	1.61	ppbv	5	AI	N	Initial	1.61
SV-15	CJ80289	N	TO15	75-25-2	Bromoform		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.484	ppbv	5	AI	N	Initial	0.484
SV-15	CJ80289	N	TO15	75-27-4	Bromodichloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.747	ppbv	5	AI	N	Initial	0.747
SV-15	CJ80289	N	TO15	75-35-4	1,1-Dichloroethene	90.5		ppbv			Y	Level 4	TRG	Y	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-15	CJ80289	N	TO15	75-69-4	Trichlorofluoromethane	3.27		ppbv			Y	Level 4	TRG	Y	Yes	0.891	ppbv	5	AI	N	Initial	0.891
SV-15	CJ80289	N	TO15	75-71-8	Dichlorodifluoromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.01	ppbv	5	AI	N	Initial	1.01
SV-15	CJ80289	N	TO15	76-13-1	Trichlorotrifluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.653	ppbv	5	AI	N	Initial	0.653
SV-15	CJ80289	N	TO15	76-14-2	1,2-Dichlorotetrafluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.716	ppbv	5	AI	N	Initial	0.716
SV-15	CJ80289	N	TO15	78-87-5	1,2-dichloropropane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.08	ppbv	5	AI	N	Initial	1.08
SV-15	CJ80289	N	TO15	78-93-3	Methyl Ethyl Ketone	25		ppbv			Y	Level 4	TRG	Y	Yes	1.7	ppbv	5	AI	N	Initial	1.7
SV-15	CJ80289	N	TO15	79-00-5	1,1,2-Trichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.917	ppbv	5	AI	N	Initial	0.917
SV-15	CJ80289	N	TO15	79-01-6	Trichloroethene	9.08		ppbv			Y	Level 4	TRG	Y	Yes	0.186	ppbv	5	AI	N	Initial	0.186
SV-15	CJ80289	N	TO15	79-34-5	1,1,2,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.729	ppbv	5	AI	N	Initial	0.729
SV-15	CJ80289	N	TO15	87-68-3	Hexachlorobutadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.469	ppbv	5	AI	N	Initial	0.469
SV-15	CJ80289	N	TO15	95-47-6	o-Xylene	22.2		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-15	CJ80289	N	TO15	95-50-1	1,2-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-15	CJ80289	N	TO15	95-63-6	1,2,4-Trimethylbenzene	2.32		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-15	CJ80289	N	TO15	98-82-8	Isopropylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-15	CJ80289	N	TO15	99-87-6	4-Isopropyltoluene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-15	CJ80289	N	TO15	71-55-6	1,1,1-Trichloroethane	1270		ppbv			Y	Level 4	TRG	Y	Yes	18.3	ppbv	100	AI	N	Initial	18.3
SV-15	CJ80289	N	TO15	75-34-3	1,1-Dichloroethane	278		ppbv			Y	Level 4	TRG	Y	Yes	24.7	ppbv	100	AI	N	Initial	24.7
SV-16	CJ80290	N	TO15	100-41-4	Ethylbenzene	40.8		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15

SV-16	CJ80290	N	TO15	100-42-5	Styrene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.17	ppbv	5	AI	N	Initial	1.17
SV-16	CJ80290	N	TO15	100-44-7	Benzyl chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.966	ppbv	5	AI	N	Initial	0.966
SV-16	CJ80290	N	TO15	10061-01-5	cis-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-16	CJ80290	N	TO15	10061-02-6	trans-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-16	CJ80290	N	TO15	104-51-8	n-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-16	CJ80290	N	TO15	106-46-7	1,4-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-16	CJ80290	N	TO15	106-93-4	1,2-Dibromoethane(EDB)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.651	ppbv	5	AI	N	Initial	0.651
SV-16	CJ80290	N	TO15	106-99-0	1,3-Butadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.26	ppbv	5	AI	N	Initial	2.26
SV-16	CJ80290	N	TO15	107-06-2	1,2-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.24	ppbv	5	AI	N	Initial	1.24
SV-16	CJ80290	N	TO15	107-13-1	Acrylonitrile		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.31	ppbv	5	AI	N	Initial	2.31
SV-16	CJ80290	N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-16	CJ80290	N	TO15	108-67-8	1,3,5-Trimethylbenzene	1.53		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-16	CJ80290	N	TO15	108-88-3	Toluene	14.3		ppbv			Y	Level 4	TRG	Y	Yes	1.33	ppbv	5	AI	N	Initial	1.33
SV-16	CJ80290	N	TO15	108-90-7	Chlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.09	ppbv	5	AI	N	Initial	1.09
SV-16	CJ80290	N	TO15	109-99-9	Tetrahydrofuran		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.7	ppbv	5	AI	N	Initial	1.7
SV-16	CJ80290	N	TO15	110-54-3	Hexane	73.9		ppbv			Y	Level 4	TRG	Y	Yes	1.42	ppbv	5	AI	N	Initial	1.42
SV-16	CJ80290	N	TO15	110-82-7	Cyclohexane	7.83		ppbv			Y	Level 4	TRG	Y	Yes	1.45	ppbv	5	AI	N	Initial	1.45
SV-16	CJ80290	N	TO15	115-07-1	Propylene	49.1		ppbv			Y	Level 4	TRG	Y	Yes	2.91	ppbv	5	AI	N	Initial	2.91
SV-16	CJ80290	N	TO15	120-82-1	1,2,4-Trichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.674	ppbv	5	AI	N	Initial	0.674
SV-16	CJ80290	N	TO15	123-91-1	1,4-Dioxane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-16	CJ80290	N	TO15	124-48-1	Dibromochloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.587	ppbv	5	AI	N	Initial	0.587
SV-16	CJ80290	N	TO15	127-18-4	Tetrachloroethene	1.05		ppbv			Y	Level 4	TRG	Y	Yes	0.184	ppbv	5	AI	N	Initial	0.184
SV-16	CJ80290	N	TO15	135-98-8	sec-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-16	CJ80290	N	TO15	141-78-6	Ethyl acetate		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-16	CJ80290	N	TO15	142-82-5	Heptane	24.7		ppbv			Y	Level 4	TRG	Y	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-16	CJ80290	N	TO15	156-59-2	Cis-1,2-Dichloroethene	0.905		ppbv			Y	Level 4	TRG	Y	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-16	CJ80290	N	TO15	156-60-5	Trans-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.26	ppbv	5	AI	N	Initial	1.26
SV-16	CJ80290	N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-16	CJ80290	N	TO15	179601-23-1	m,p-Xylene	164		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-16	CJ80290	N	TO15	541-73-1	1,3-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-16	CJ80290	N	TO15	56-23-5	Carbon Tetrachloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.159	ppbv	5	AI	N	Initial	0.159
SV-16	CJ80290	N	TO15	591-78-6	2-Hexanone(MBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-16	CJ80290	N	TO15	622-96-8	4-Ethyltoluene	3.82		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-16	CJ80290	N	TO15	630-20-6	1,1,1,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.729	ppbv	5	AI	N	Initial	0.729
SV-16	CJ80290	N	TO15	64-17-5	Ethanol	84.6		ppbv	J	J	Y	Level 4	TRG	Y	Yes	2.66	ppbv	5	AI	N	Initial	2.66
SV-16	CJ80290	N	TO15	67-63-0	Isopropylalcohol		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.04	ppbv	5	AI	N	Initial	2.04
SV-16	CJ80290	N	TO15	67-64-1	Acetone	60.6		ppbv			Y	Level 4	TRG	Y	Yes	2.11	ppbv	5	AI	N	Initial	2.11
SV-16	CJ80290	N	TO15	67-66-3	Chloroform	11.7		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-16	CJ80290	N	TO15	71-43-2	Benzene	4.88		ppbv			Y	Level 4	TRG	Y	Yes	1.57	ppbv	5	AI	N	Initial	1.57
SV-16	CJ80290	N	TO15	74-83-9	Bromomethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.29	ppbv	5	AI	N	Initial	1.29
SV-16	CJ80290	N	TO15	74-87-3	Chloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.42	ppbv	5	AI	N	Initial	2.42
SV-16	CJ80290	N	TO15	75-00-3	Chloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.9	ppbv	5	AI	N	Initial	1.9
SV-16	CJ80290	N	TO15	75-01-4	Vinyl Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.391	ppbv	5	AI	N	Initial	0.391
SV-16	CJ80290	N	TO15	75-09-2	Methylene Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	4.32	ppbv	5	AI	N	Initial	4.32
SV-16	CJ80290	N	TO15	75-15-0	Carbon Disulfide	11.2		ppbv			Y	Level 4	TRG	Y	Yes	1.61	ppbv	5	AI	N	Initial	1.61
SV-16	CJ80290	N	TO15	75-25-2	Bromoform		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.484	ppbv	5	AI	N	Initial	0.484
SV-16	CJ80290	N	TO15	75-27-4	Bromodichloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.747	ppbv	5	AI	N	Initial	0.747
SV-16	CJ80290	N	TO15	75-34-3	1,1-Dichloroethane	121		ppbv			Y	Level 4	TRG	Y	Yes	1.24	ppbv	5	AI	N	Initial	1.24
SV-16	CJ80290	N	TO15	75-35-4	1,1-Dichloroethene	17.7		ppbv	N	N	Y	Level 4	TRG	Y	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-16	CJ80290	N	TO15	75-69-4	Trichlorofluoromethane	1.25		ppbv			Y	Level 4	TRG	Y	Yes	0.891	ppbv	5	AI	N	Initial	0.891
SV-16	CJ80290	N	TO15	75-71-8	Dichlorodifluoromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.01	ppbv	5	AI	N	Initial	1.01
SV-16	CJ80290	N	TO15	76-13-1	Trichlorotrifluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.653	ppbv	5	AI	N	Initial	0.653
SV-16	CJ80290	N	TO15	76-14-2	1,2-Dichlorotetrafluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.716	ppbv	5	AI	N	Initial	0.716
SV-16	CJ80290	N	TO15	78-87-5	1,2-dichloropropane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.08	ppbv	5	AI	N	Initial	1.08
SV-16	CJ80290	N	TO15	78-93-3	Methyl Ethyl Ketone	36.4		ppbv			Y	Level 4	TRG	Y	Yes	1.7	ppbv	5	AI	N	Initial	1.7
SV-16	CJ80290	N	TO15	79-00-5	1,1,2-Trichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.917	ppbv	5	AI	N	Initial	0.917
SV-16	CJ80290	N	TO15	79-01-6	Trichloroethene	82.2		ppbv			Y	Level 4	TRG	Y	Yes	0.186	ppbv	5	AI	N	Initial	0.186
SV-16	CJ80290	N	TO15	79-34-5	1,1,2,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.729	ppbv	5	AI	N	Initial	0.729
SV-16	CJ80290	N	TO15	87-68-3	Hexachlorobutadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.469	ppbv	5	AI	N	Initial	0.469
SV-16	CJ80290	N	TO15	95-47-6	o-Xylene	39.4		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-16	CJ80290	N	TO15	95-50-1	1,2-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-16	CJ80290	N	TO15	95-63-6	1,2,4-Trimethylbenzene	3.99		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-16	CJ80290	N	TO15	98-82-8	Isopropylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-16	CJ80290	N	TO15	99-87-6	4-Isopropyltoluene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-16	CJ80290	N	TO15	71-55-6	1,1,1-Trichloroethane	1680		ppbv			Y	Level 4	TRG	Y	Yes	16.5	ppbv	90	AI	N	Initial	16.5
AA-CB	CJ80291	N	TO15	100-41-4	Ethylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-CB	CJ80291	N	TO15	100-42-5	Styrene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.235	ppbv	1	AI	N	Initial	0.235
AA-CB	CJ80291	N	TO15	100-44-7	Benzyl chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.193	ppbv	1	AI	N	Initial	0.193

AA-CB	CJ80291	N	TO15	10061-01-5	cis-1,3-Dichloropropene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	AI	N	Initial	0.221
AA-CB	CJ80291	N	TO15	10061-02-6	trans-1,3-Dichloropropene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	AI	N	Initial	0.221
AA-CB	CJ80291	N	TO15	104-51-8	n-Butylbenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
AA-CB	CJ80291	N	TO15	106-46-7	1,4-Dichlorobenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-CB	CJ80291	N	TO15	106-93-4	1,2-Dibromoethane(EDB)	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.13	ppbv	1	AI	N	Initial	0.13
AA-CB	CJ80291	N	TO15	106-99-0	1,3-Butadiene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.452	ppbv	1	AI	N	Initial	0.452
AA-CB	CJ80291	N	TO15	107-06-2	1,2-Dichloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.247	ppbv	1	AI	N	Initial	0.247
AA-CB	CJ80291	N	TO15	107-13-1	Acrylonitrile	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.461	ppbv	1	AI	N	Initial	0.461
AA-CB	CJ80291	N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)	0.382	ppbv		Y	Level 4	TRG	Y	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-CB	CJ80291	N	TO15	108-67-8	1,3,5-Trimethylbenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-CB	CJ80291	N	TO15	108-88-3	Toluene	0.794	ppbv		Y	Level 4	TRG	Y	Yes	0.266	ppbv	1	AI	N	Initial	0.266
AA-CB	CJ80291	N	TO15	108-90-7	Chlorobenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	AI	N	Initial	0.217
AA-CB	CJ80291	N	TO15	109-99-9	Tetrahydrofuran	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.339	ppbv	1	AI	N	Initial	0.339
AA-CB	CJ80291	N	TO15	110-54-3	Hexane	0.306	ppbv		Y	Level 4	TRG	Y	Yes	0.284	ppbv	1	AI	N	Initial	0.284
AA-CB	CJ80291	N	TO15	110-82-7	Cyclohexane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.291	ppbv	1	AI	N	Initial	0.291
AA-CB	CJ80291	N	TO15	115-07-1	Propylene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.581	ppbv	1	AI	N	Initial	0.581
AA-CB	CJ80291	N	TO15	120-82-1	1,2,4-Trichlorobenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.135	ppbv	1	AI	N	Initial	0.135
AA-CB	CJ80291	N	TO15	123-91-1	1,4-Dioxane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-CB	CJ80291	N	TO15	124-48-1	Dibromochloromethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.118	ppbv	1	AI	N	Initial	0.118
AA-CB	CJ80291	N	TO15	127-18-4	Tetrachloroethene	0.055	ppbv		Y	Level 4	TRG	Y	Yes	0.037	ppbv	1	AI	N	Initial	0.037
AA-CB	CJ80291	N	TO15	135-98-8	sec-Butylbenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
AA-CB	CJ80291	N	TO15	141-78-6	Ethyl acetate	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-CB	CJ80291	N	TO15	142-82-5	Heptane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-CB	CJ80291	N	TO15	156-59-2	Cis-1,2-Dichloroethene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	AI	N	Initial	0.051
AA-CB	CJ80291	N	TO15	156-60-5	Trans-1,2-Dichloroethene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.252	ppbv	1	AI	N	Initial	0.252
AA-CB	CJ80291	N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-CB	CJ80291	N	TO15	179601-23-1	m,p-Xylene	0.595	ppbv		Y	Level 4	TRG	Y	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-CB	CJ80291	N	TO15	541-73-1	1,3-Dichlorobenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-CB	CJ80291	N	TO15	56-23-5	Carbon Tetrachloride	0.091	ppbv		Y	Level 4	TRG	Y	Yes	0.032	ppbv	1	AI	N	Initial	0.032
AA-CB	CJ80291	N	TO15	591-78-6	2-Hexanone(MBK)	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-CB	CJ80291	N	TO15	622-96-8	4-Ethyltoluene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-CB	CJ80291	N	TO15	630-20-6	1,1,1,2-Tetrachloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	AI	N	Initial	0.146
AA-CB	CJ80291	N	TO15	64-17-5	Ethanol	12.3	ppbv	J	Y	Level 4	TRG	Y	Yes	0.531	ppbv	1	AI	N	Initial	0.531
AA-CB	CJ80291	N	TO15	67-63-0	Isopropylalcohol	0.974	ppbv	NJ	Y	Level 4	TRG	Y	Yes	0.407	ppbv	1	AI	N	Initial	0.407
AA-CB	CJ80291	N	TO15	67-64-1	Acetone	20.6	ppbv		Y	Level 4	TRG	Y	Yes	0.421	ppbv	1	AI	N	Initial	0.421
AA-CB	CJ80291	N	TO15	67-66-3	Chloroform	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.205	ppbv	1	AI	N	Initial	0.205
AA-CB	CJ80291	N	TO15	71-43-2	Benzene	0.447	ppbv		Y	Level 4	TRG	Y	Yes	0.313	ppbv	1	AI	N	Initial	0.313
AA-CB	CJ80291	N	TO15	71-55-6	1,1,1-Trichloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.183	ppbv	1	AI	N	Initial	0.183
AA-CB	CJ80291	N	TO15	74-83-9	Bromomethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.258	ppbv	1	AI	N	Initial	0.258
AA-CB	CJ80291	N	TO15	74-87-3	Chloromethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.485	ppbv	1	AI	N	Initial	0.485
AA-CB	CJ80291	N	TO15	75-00-3	Chloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.379	ppbv	1	AI	N	Initial	0.379
AA-CB	CJ80291	N	TO15	75-01-4	Vinyl Chloride	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.078	ppbv	1	AI	N	Initial	0.078
AA-CB	CJ80291	N	TO15	75-09-2	Methylene Chloride	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.864	ppbv	1	AI	N	Initial	0.864
AA-CB	CJ80291	N	TO15	75-15-0	Carbon Disulfide	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.321	ppbv	1	AI	N	Initial	0.321
AA-CB	CJ80291	N	TO15	75-25-2	Bromoform	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.097	ppbv	1	AI	N	Initial	0.097
AA-CB	CJ80291	N	TO15	75-27-4	Bromodichloromethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.149	ppbv	1	AI	N	Initial	0.149
AA-CB	CJ80291	N	TO15	75-34-3	1,1-Dichloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.247	ppbv	1	AI	N	Initial	0.247
AA-CB	CJ80291	N	TO15	75-35-4	1,1-Dichloroethene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	AI	N	Initial	0.051
AA-CB	CJ80291	N	TO15	75-69-4	Trichlorofluoromethane	0.25	ppbv		Y	Level 4	TRG	Y	Yes	0.178	ppbv	1	AI	N	Initial	0.178
AA-CB	CJ80291	N	TO15	75-71-8	Dichlorodifluoromethane	0.506	ppbv		Y	Level 4	TRG	Y	Yes	0.202	ppbv	1	AI	N	Initial	0.202
AA-CB	CJ80291	N	TO15	76-13-1	Trichlorotrifluoroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.131	ppbv	1	AI	N	Initial	0.131
AA-CB	CJ80291	N	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.143	ppbv	1	AI	N	Initial	0.143
AA-CB	CJ80291	N	TO15	78-87-5	1,2-dichloropropane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	AI	N	Initial	0.217
AA-CB	CJ80291	N	TO15	78-93-3	Methyl Ethyl Ketone	1.27	ppbv		Y	Level 4	TRG	Y	Yes	0.339	ppbv	1	AI	N	Initial	0.339
AA-CB	CJ80291	N	TO15	79-00-5	1,1,2-Trichloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.183	ppbv	1	AI	N	Initial	0.183
AA-CB	CJ80291	N	TO15	79-01-6	Trichloroethene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.037	ppbv	1	AI	N	Initial	0.037
AA-CB	CJ80291	N	TO15	79-34-5	1,1,2,2-Tetrachloroethane	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	AI	N	Initial	0.146
AA-CB	CJ80291	N	TO15	87-68-3	Hexachlorobutadiene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.094	ppbv	1	AI	N	Initial	0.094
AA-CB	CJ80291	N	TO15	95-47-6	o-Xylene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-CB	CJ80291	N	TO15	95-50-1	1,2-Dichlorobenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-CB	CJ80291	N	TO15	95-63-6	1,2,4-Trimethylbenzene	0.239	ppbv		Y	Level 4	TRG	Y	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-CB	CJ80291	N	TO15	98-82-8	Isopropylbenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-CB	CJ80291	N	TO15	99-87-6	4-Isopropyltoluene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
AA-02	CJ80292	N	TO15	100-41-4	Ethylbenzene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-02	CJ80292	N	TO15	100-42-5	Styrene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.235	ppbv	1	AI	N	Initial	0.235
AA-02	CJ80292	N	TO15	100-44-7	Benzyl chloride	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.193	ppbv	1	AI	N	Initial	0.193
AA-02	CJ80292	N	TO15	10061-01-5	cis-1,3-Dichloropropene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	AI	N	Initial	0.221
AA-02	CJ80292	N	TO15	10061-02-6	trans-1,3-Dichloropropene	U	ppbv	U	Y	Level 4	TRG	N	Yes	0.221	ppbv	1	AI	N	Initial	0.221

AA-02	CJ80292	N	TO15	104-51-8	n-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
AA-02	CJ80292	N	TO15	106-46-7	1,4-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-02	CJ80292	N	TO15	106-93-4	1,2-Dibromoethane(EDB)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.13	ppbv	1	AI	N	Initial	0.13
AA-02	CJ80292	N	TO15	106-99-0	1,3-Butadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.452	ppbv	1	AI	N	Initial	0.452
AA-02	CJ80292	N	TO15	107-06-2	1,2-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.247	ppbv	1	AI	N	Initial	0.247
AA-02	CJ80292	N	TO15	107-13-1	Acrylonitrile		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.461	ppbv	1	AI	N	Initial	0.461
AA-02	CJ80292	N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-02	CJ80292	N	TO15	108-67-8	1,3,5-Trimethylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-02	CJ80292	N	TO15	108-88-3	Toluene	0.52		ppbv			Y	Level 4	TRG	Y	Yes	0.266	ppbv	1	AI	N	Initial	0.266
AA-02	CJ80292	N	TO15	108-90-7	Chlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	AI	N	Initial	0.217
AA-02	CJ80292	N	TO15	109-99-9	Tetrahydrofuran		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.339	ppbv	1	AI	N	Initial	0.339
AA-02	CJ80292	N	TO15	110-54-3	Hexane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.284	ppbv	1	AI	N	Initial	0.284
AA-02	CJ80292	N	TO15	110-82-7	Cyclohexane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.291	ppbv	1	AI	N	Initial	0.291
AA-02	CJ80292	N	TO15	115-07-1	Propylene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.581	ppbv	1	AI	N	Initial	0.581
AA-02	CJ80292	N	TO15	120-82-1	1,2,4-Trichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.135	ppbv	1	AI	N	Initial	0.135
AA-02	CJ80292	N	TO15	123-91-1	1,4-Dioxane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-02	CJ80292	N	TO15	124-48-1	Dibromochloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.118	ppbv	1	AI	N	Initial	0.118
AA-02	CJ80292	N	TO15	127-18-4	Tetrachloroethene	0.066		ppbv			Y	Level 4	TRG	Y	Yes	0.037	ppbv	1	AI	N	Initial	0.037
AA-02	CJ80292	N	TO15	135-98-8	sec-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
AA-02	CJ80292	N	TO15	141-78-6	Ethyl acetate		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-02	CJ80292	N	TO15	142-82-5	Heptane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-02	CJ80292	N	TO15	156-59-2	Cis-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	AI	N	Initial	0.051
AA-02	CJ80292	N	TO15	156-60-5	Trans-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.252	ppbv	1	AI	N	Initial	0.252
AA-02	CJ80292	N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.278	ppbv	1	AI	N	Initial	0.278
AA-02	CJ80292	N	TO15	179601-23-1	m,p-Xylene	0.646		ppbv			Y	Level 4	TRG	Y	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-02	CJ80292	N	TO15	541-73-1	1,3-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-02	CJ80292	N	TO15	56-23-5	Carbon Tetrachloride	0.078		ppbv			Y	Level 4	TRG	Y	Yes	0.032	ppbv	1	AI	N	Initial	0.032
AA-02	CJ80292	N	TO15	591-78-6	2-Hexanone(MBK)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.244	ppbv	1	AI	N	Initial	0.244
AA-02	CJ80292	N	TO15	622-96-8	4-Ethyltoluene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-02	CJ80292	N	TO15	630-20-6	1,1,1,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	AI	N	Initial	0.146
AA-02	CJ80292	N	TO15	64-17-5	Ethanol	11.6		ppbv		J	Y	Level 4	TRG	Y	Yes	0.531	ppbv	1	AI	N	Initial	0.531
AA-02	CJ80292	N	TO15	67-63-0	Isopropylalcohol	2.02		ppbv		NJ	Y	Level 4	TRG	Y	Yes	0.407	ppbv	1	AI	N	Initial	0.407
AA-02	CJ80292	N	TO15	67-64-1	Acetone	2.36		ppbv			Y	Level 4	TRG	Y	Yes	0.421	ppbv	1	AI	N	Initial	0.421
AA-02	CJ80292	N	TO15	67-66-3	Chloroform		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.205	ppbv	1	AI	N	Initial	0.205
AA-02	CJ80292	N	TO15	71-43-2	Benzene	0.336		ppbv			Y	Level 4	TRG	Y	Yes	0.313	ppbv	1	AI	N	Initial	0.313
AA-02	CJ80292	N	TO15	71-55-6	1,1,1-Trichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.183	ppbv	1	AI	N	Initial	0.183
AA-02	CJ80292	N	TO15	74-83-9	Bromomethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.258	ppbv	1	AI	N	Initial	0.258
AA-02	CJ80292	N	TO15	74-87-3	Chloromethane	0.517		ppbv			Y	Level 4	TRG	Y	Yes	0.485	ppbv	1	AI	N	Initial	0.485
AA-02	CJ80292	N	TO15	75-00-3	Chloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.379	ppbv	1	AI	N	Initial	0.379
AA-02	CJ80292	N	TO15	75-01-4	Vinyl Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.078	ppbv	1	AI	N	Initial	0.078
AA-02	CJ80292	N	TO15	75-09-2	Methylene Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.864	ppbv	1	AI	N	Initial	0.864
AA-02	CJ80292	N	TO15	75-15-0	Carbon Disulfide		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.321	ppbv	1	AI	N	Initial	0.321
AA-02	CJ80292	N	TO15	75-25-2	Bromoform		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.097	ppbv	1	AI	N	Initial	0.097
AA-02	CJ80292	N	TO15	75-27-4	Bromodichloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.149	ppbv	1	AI	N	Initial	0.149
AA-02	CJ80292	N	TO15	75-34-3	1,1-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.247	ppbv	1	AI	N	Initial	0.247
AA-02	CJ80292	N	TO15	75-35-4	1,1-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.051	ppbv	1	AI	N	Initial	0.051
AA-02	CJ80292	N	TO15	75-69-4	Trichlorofluoromethane	0.241		ppbv			Y	Level 4	TRG	Y	Yes	0.178	ppbv	1	AI	N	Initial	0.178
AA-02	CJ80292	N	TO15	75-71-8	Dichlorodifluoromethane	0.511		ppbv			Y	Level 4	TRG	Y	Yes	0.202	ppbv	1	AI	N	Initial	0.202
AA-02	CJ80292	N	TO15	76-13-1	Trichlorotrifluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.131	ppbv	1	AI	N	Initial	0.131
AA-02	CJ80292	N	TO15	76-14-2	1,2-Dichlorotetrafluoroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.143	ppbv	1	AI	N	Initial	0.143
AA-02	CJ80292	N	TO15	78-87-5	1,2-dichloropropane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.217	ppbv	1	AI	N	Initial	0.217
AA-02	CJ80292	N	TO15	78-93-3	Methyl Ethyl Ketone		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.339	ppbv	1	AI	N	Initial	0.339
AA-02	CJ80292	N	TO15	79-00-5	1,1,2-Trichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.183	ppbv	1	AI	N	Initial	0.183
AA-02	CJ80292	N	TO15	79-01-6	Trichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.037	ppbv	1	AI	N	Initial	0.037
AA-02	CJ80292	N	TO15	79-34-5	1,1,2,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.146	ppbv	1	AI	N	Initial	0.146
AA-02	CJ80292	N	TO15	87-68-3	Hexachlorobutadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.094	ppbv	1	AI	N	Initial	0.094
AA-02	CJ80292	N	TO15	95-47-6	o-Xylene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.23	ppbv	1	AI	N	Initial	0.23
AA-02	CJ80292	N	TO15	95-50-1	1,2-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.166	ppbv	1	AI	N	Initial	0.166
AA-02	CJ80292	N	TO15	95-63-6	1,2,4-Trimethylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-02	CJ80292	N	TO15	98-82-8	Isopropylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.204	ppbv	1	AI	N	Initial	0.204
AA-02	CJ80292	N	TO15	99-87-6	4-Isopropyltoluene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.182	ppbv	1	AI	N	Initial	0.182
SV-13	CJ80293	N	TO15	100-41-4	Ethylbenzene	3.53		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-13	CJ80293	N	TO15	100-42-5	Styrene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.17	ppbv	5	AI	N	Initial	1.17
SV-13	CJ80293	N	TO15	100-44-7	Benzyl chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.966	ppbv	5	AI	N	Initial	0.966
SV-13	CJ80293	N	TO15	10061-01-5	cis-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-13	CJ80293	N	TO15	10061-02-6	trans-1,3-Dichloropropene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.1	ppbv	5	AI	N	Initial	1.1
SV-13	CJ80293	N	TO15	104-51-8	n-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-13	CJ80293	N	TO15	106-46-7	1,4-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832

SV-13	CJ80293		N	TO15	106-93-4	1,2-Dibromoethane(EDB)		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.651	ppbv	5	AI	N	Initial	0.651
SV-13	CJ80293		N	TO15	106-99-0	1,3-Butadiene		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.26	ppbv	5	AI	N	Initial	2.26
SV-13	CJ80293		N	TO15	107-06-2	1,2-Dichloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.24	ppbv	5	AI	N	Initial	1.24
SV-13	CJ80293		N	TO15	107-13-1	Acrylonitrile		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.31	ppbv	5	AI	N	Initial	2.31
SV-13	CJ80293		N	TO15	108-10-1	4-Methyl-2-pentanone(MIBK)	6.86		ppbv			Y	Level 4	TRG	Y	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-13	CJ80293		N	TO15	108-67-8	1,3,5-Trimethylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-13	CJ80293		N	TO15	108-88-3	Toluene	14.4		ppbv			Y	Level 4	TRG	Y	Yes	1.33	ppbv	5	AI	N	Initial	1.33
SV-13	CJ80293		N	TO15	108-90-7	Chlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.09	ppbv	5	AI	N	Initial	1.09
SV-13	CJ80293		N	TO15	109-99-9	Tetrahydrofuran		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.7	ppbv	5	AI	N	Initial	1.7
SV-13	CJ80293		N	TO15	110-54-3	Hexane	9.74		ppbv			Y	Level 4	TRG	Y	Yes	1.42	ppbv	5	AI	N	Initial	1.42
SV-13	CJ80293		N	TO15	110-82-7	Cyclohexane	6.38		ppbv			Y	Level 4	TRG	Y	Yes	1.45	ppbv	5	AI	N	Initial	1.45
SV-13	CJ80293		N	TO15	115-07-1	Propylene		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.91	ppbv	5	AI	N	Initial	2.91
SV-13	CJ80293		N	TO15	120-82-1	1,2,4-Trichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.674	ppbv	5	AI	N	Initial	0.674
SV-13	CJ80293		N	TO15	123-91-1	1,4-Dioxane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-13	CJ80293		N	TO15	124-48-1	Dibromochloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.587	ppbv	5	AI	N	Initial	0.587
SV-13	CJ80293		N	TO15	127-18-4	Tetrachloroethene	3.53		ppbv			Y	Level 4	TRG	Y	Yes	0.184	ppbv	5	AI	N	Initial	0.184
SV-13	CJ80293		N	TO15	135-98-8	sec-Butylbenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.911	ppbv	5	AI	N	Initial	0.911
SV-13	CJ80293		N	TO15	141-78-6	Ethyl acetate		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-13	CJ80293		N	TO15	142-82-5	Heptane	4.71		ppbv			Y	Level 4	TRG	Y	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-13	CJ80293		N	TO15	156-59-2	Cis-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-13	CJ80293		N	TO15	156-60-5	Trans-1,2-Dichloroethene		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.26	ppbv	5	AI	N	Initial	1.26
SV-13	CJ80293		N	TO15	1634-04-4	Methyl tert-butyl ether(MTBE)		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.39	ppbv	5	AI	N	Initial	1.39
SV-13	CJ80293		N	TO15	179601-23-1	m,p-Xylene	11.6		ppbv			Y	Level 4	TRG	Y	Yes	1.15	ppbv	5	AI	N	Initial	1.15
SV-13	CJ80293		N	TO15	541-73-1	1,3-Dichlorobenzene		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.832	ppbv	5	AI	N	Initial	0.832
SV-13	CJ80293		N	TO15	56-23-5	Carbon Tetrachloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.159	ppbv	5	AI	N	Initial	0.159
SV-13	CJ80293		N	TO15	591-78-6	2-Hexanone(MBK)	1.67		ppbv			Y	Level 4	TRG	Y	Yes	1.22	ppbv	5	AI	N	Initial	1.22
SV-13	CJ80293		N	TO15	622-96-8	4-Ethyltoluene	2.24		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-13	CJ80293		N	TO15	630-20-6	1,1,1,2-Tetrachloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.729	ppbv	5	AI	N	Initial	0.729
SV-13	CJ80293		N	TO15	64-17-5	Ethanol	86		ppbv	J	J	Y	Level 4	TRG	Y	Yes	2.66	ppbv	5	AI	N	Initial	2.66
SV-13	CJ80293		N	TO15	67-63-0	Isopropylalcohol	2.54		ppbv	NJ	NJ	Y	Level 4	TRG	Y	Yes	2.04	ppbv	5	AI	N	Initial	2.04
SV-13	CJ80293		N	TO15	67-64-1	Acetone	36.7		ppbv			Y	Level 4	TRG	Y	Yes	2.11	ppbv	5	AI	N	Initial	2.11
SV-13	CJ80293		N	TO15	67-66-3	Chloroform	4.11		ppbv			Y	Level 4	TRG	Y	Yes	1.02	ppbv	5	AI	N	Initial	1.02
SV-13	CJ80293		N	TO15	71-43-2	Benzene	2.8		ppbv			Y	Level 4	TRG	Y	Yes	1.57	ppbv	5	AI	N	Initial	1.57
SV-13	CJ80293		N	TO15	74-83-9	Bromomethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.29	ppbv	5	AI	N	Initial	1.29
SV-13	CJ80293		N	TO15	74-87-3	Chloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	2.42	ppbv	5	AI	N	Initial	2.42
SV-13	CJ80293		N	TO15	75-00-3	Chloroethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	1.9	ppbv	5	AI	N	Initial	1.9
SV-13	CJ80293		N	TO15	75-01-4	Vinyl Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.391	ppbv	5	AI	N	Initial	0.391
SV-13	CJ80293		N	TO15	75-09-2	Methylene Chloride		U	ppbv		U	Y	Level 4	TRG	N	Yes	4.32	ppbv	5	AI	N	Initial	4.32
SV-13	CJ80293		N	TO15	75-15-0	Carbon Disulfide	3.68		ppbv			Y	Level 4	TRG	Y	Yes	1.61	ppbv	5	AI	N	Initial	1.61
SV-13	CJ80293		N	TO15	75-25-2	Bromoform		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.484	ppbv	5	AI	N	Initial	0.484
SV-13	CJ80293		N	TO15	75-27-4	Bromodichloromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.747	ppbv	5	AI	N	Initial	0.747
SV-13	CJ80293		N	TO15	75-34-3	1,1-Dichloroethane	21.4		ppbv			Y	Level 4	TRG	Y	Yes	1.24	ppbv	5	AI	N	Initial	1.24
SV-13	CJ80293		N	TO15	75-35-4	1,1-Dichloroethene	16.4		ppbv			Y	Level 4	TRG	Y	Yes	0.252	ppbv	5	AI	N	Initial	0.252
SV-13	CJ80293		N	TO15	75-69-4	Trichlorofluoromethane		U	ppbv		U	Y	Level 4	TRG	N	Yes	0.						

GZ-16 (9.5-10')	CJ80294	14	N	8260B	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1800	ug/kg	1000	SO	N	Initial	1800
GZ-16 (9.5-10')	CJ80294	14	N	8260B	106-93-4	1,2-Dibromoethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	107-06-2	1,2-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	107-13-1	Acrylonitrile	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	12000	ug/kg	1000	SO	N	Initial	12000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	108-10-1	4-Methyl-2-pentanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	30000	ug/kg	1000	SO	N	Initial	30000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	108-67-8	1,3,5-Trimethylbenzene	43000	ug/kg		Y	Level 2A	TRG	Y	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	108-86-1	Bromobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	108-88-3	Toluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	700	ug/kg	1000	SO	N	Initial	700
GZ-16 (9.5-10')	CJ80294	14	N	8260B	108-90-7	Chlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-16 (9.5-10')	CJ80294	14	N	8260B	109-99-9	Tetrahydrofuran (THF)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	12000	ug/kg	1000	SO	N	Initial	12000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	110-57-6	trans-1,4-dichloro-2-butene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	12000	ug/kg	1000	SO	N	Initial	12000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	124-48-1	Dibromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1300	ug/kg	1000	SO	N	Initial	1300
GZ-16 (9.5-10')	CJ80294	14	N	8260B	135-98-8	sec-Butylbenzene	4700	ug/kg		Y	Level 2A	TRG	Y	Yes	4600	ug/kg	1000	SO	N	Initial	4600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	156-59-2	cis-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1200	ug/kg	1000	SO	N	Initial	1200
GZ-16 (9.5-10')	CJ80294	14	N	8260B	179601-23-1	m&p-Xylene	12000	ug/kg		Y	Level 2A	TRG	Y	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2400	ug/kg	1000	SO	N	Initial	2400
GZ-16 (9.5-10')	CJ80294	14	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1200	ug/kg	1000	SO	N	Initial	1200
GZ-16 (9.5-10')	CJ80294	14	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	30000	ug/kg	1000	SO	N	Initial	30000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	67-64-1	Acetone	U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	680	ug/kg	1000	SO	N	Initial	680
GZ-16 (9.5-10')	CJ80294	14	N	8260B	74-83-9	Bromomethane	U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-00-3	Chloroethane	U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2400	ug/kg	1000	SO	N	Initial	2400
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-15-0	Carbon Disulfide	UJ	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1200	ug/kg	1000	SO	N	Initial	1200
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2400	ug/kg	1000	SO	N	Initial	2400
GZ-16 (9.5-10')	CJ80294	14	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1000	SO	N	Initial	600
GZ-16 (9.5-10')	CJ80294	14	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	91-20-3	Naphthalene	23000	ug/kg		Y	Level 2A	TRG	Y	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-16 (9.5-10')	CJ80294	14	N	8260B	95-63-6	1,2,4-Trimethylbenzene	98000	ug/kg		Y	Level 2A	TRG	Y	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	6000	ug/kg	1000	SO	N	Initial	6000
GZ-16 (9.5-10')	CJ80294	14	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5900	ug/kg	1000	SO	N	Initial	5900
GZ-16 (9.5-10')	CJ80294	14	N	8260B	98-82-8	Isopropylbenzene	3300	ug/kg		Y	Level 2A	TRG	Y	Yes	3100	ug/kg	1000	SO	N	Initial	3100
GZ-16 (9.5-10')	CJ80294	14	N	8260B	99-87-6	p-Isopropyltoluene	4800	ug/kg		Y	Level 2A	TRG	Y	Yes	4600	ug/kg	1000	SO	N	Initial	4600
GZ-16 (9.5-10')	CJ80294	14	N	SW7471	7439-97-6	Mercury	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	610	ug/kg	1	SO	N	Initial	610
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270

GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	129-00-0	Pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	191-24-2	Benzo(ghi)perylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	205-99-2	Benzo(b)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	206-44-0	Fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	207-08-9	Benzo(k)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	218-01-9	Chrysene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	50-32-8	Benzo(a)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	56-55-3	Benz(a)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	770	ug/kg	1	SO	N	Initial	770
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	92-87-5	Benzdine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270

GZ-16 (9.5-10')	CJ80294	14	N	SW8270D	99-09-2	3-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7429-90-5	Aluminum	7050		mg/Kg			Y	Level 2A	TRG	Y	Yes	57	mg/Kg	10	SO	T	Initial	57
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7439-89-6	Iron	10900		mg/Kg			Y	Level 2A	TRG	Y	Yes	57	mg/Kg	10	SO	T	Initial	57
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7439-92-1	Lead	13.8		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7439-95-4	Magnesium	2380		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7439-96-5	Manganesese	99.9		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-02-0	Nickel	10.5		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-09-7	Potassium	1200		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-22-4	Silver		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-23-5	Sodium	125		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-28-0	Thallium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.4	mg/Kg	1	SO	T	Initial	3.4
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-36-0	Antimony		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.8	mg/Kg	1	SO	T	Initial	3.8
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-38-2	Arsenic	0.79		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.76	mg/Kg	1	SO	T	Initial	0.76
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-39-3	Barium	27.9		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-41-7	Beryllium	0.42		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.3	mg/Kg	1	SO	T	Initial	0.3
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-43-9	Cadmium	0.75		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-47-3	Chromium	10.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-48-4	Cobalt	5.73		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-50-8	Copper	8.6		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-62-2	Vanadium	14.4		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-66-6	Zinc	21		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7440-70-2	Calcium	681		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-16 (9.5-10')	CJ80294	14	N	6010D	7782-49-2	Selenium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	1.5	mg/Kg	1	SO	T	Initial	1.5
GZ-17 (8')	CJ80295	0	N	8260B	1330-20-7	Total Xylenes		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	100-41-4	Ethylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	100-42-5	Styrene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	10061-02-6	trans-1,3-Dichloropropene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	103-65-1	n-Propylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	104-51-8	n-Butylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	106-43-4	4-Chlorotoluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	106-93-4	1,2-Dibromoethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	107-06-2	1,2-Dichloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	107-13-1	Acrylonitrile		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	9.8	ug/kg	1	SO	N	Initial	9.8
GZ-17 (8')	CJ80295	0	N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-17 (8')	CJ80295	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	108-86-1	Bromobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	108-88-3	Toluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	108-90-7	Chlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	9.8	ug/kg	1	SO	N	Initial	9.8
GZ-17 (8')	CJ80295	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	9.8	ug/kg	1	SO	N	Initial	9.8
GZ-17 (8')	CJ80295	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	124-48-1	Dibromochloromethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	127-18-4	Tetrachloroethene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	135-98-8	sec-Butylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	142-28-9	1,3-Dichloropropane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	156-59-2	cis-1,2-Dichloroethene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	156-60-5	trans-1,2-Dichloroethene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	9.8	ug/kg	1	SO	N	Initial	9.8
GZ-17 (8')	CJ80295	0	N	8260B	179601-23-1	m&p-Xylene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	527-84-4	2-Isopropyltoluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	541-73-1	1,3-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	56-23-5	Carbon tetrachloride		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	563-58-6	1,1-Dichloropropene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	591-78-6	2-Hexanone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-17 (8')	CJ80295	0	N	8260B	594-20-7	2,2-Dichloropropane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	67-64-1	Acetone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-17 (8')	CJ80295	0	N	8260B	67-66-3	Chloroform		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	71-43-2	Benzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	71-55-6	1,1,1-Trichloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	74-83-9	Bromomethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	74-87-3	Chloromethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	74-95-3	Dibromomethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	74-97-5	Bromochloromethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-00-3	Chloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-01-4	Vinyl chloride		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9

GZ-17 (8')	CJ80295	0	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9.8	ug/kg	1	SO	N	Initial	9.8
GZ-17 (8')	CJ80295	0	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-17 (8')	CJ80295	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (8')	CJ80295	0	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-17 (6-8')	CJ80296	6	N	SW846-%Solid	PercentSolids	Percent Solid	94	%	Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial		
GZ-17 (6-8')	CJ80296	6	N	SW7471	7439-97-6	Mercury	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-17 (6-8')	CJ80296	6	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	560	ug/kg	1	SO	N	Initial	560
GZ-17 (6-8')	CJ80296	6	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-17 (6-8')	CJ80296	6	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	106-47-8	4-Chloroaniline	UJ	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-17 (6-8')	CJ80296	6	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-17 (6-8')	CJ80296	6	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-17 (6-8')	CJ80296	6	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-17 (6-8')	CJ80296	6	N	SW8270D	122-																

GZ-17 (6-8')	CJ80296	6	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	700	ug/kg	1	SO	N	Initial	700	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	92-87-5	Benzidine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-17 (6-8')	CJ80296	6	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-17 (6-8')	CJ80296	6	N	6010D	7429-90-5	Aluminum		6380	mg/Kg	Y	Level 2A	TRG	Y	Yes	48	mg/Kg	10	SO	T	Initial	48	
GZ-17 (6-8')	CJ80296	6	N	6010D	7439-89-6	Iron		13600	mg/Kg	Y	Level 2A	TRG	Y	Yes	48	mg/Kg	10	SO	T	Initial	48	
GZ-17 (6-8')	CJ80296	6	N	6010D	7439-92-1	Lead		4.91	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-17 (6-8')	CJ80296	6	N	6010D	7439-95-4	Magnesium		2160	mg/Kg	Y	Level 2A	TRG	Y	Yes	4.8	mg/Kg	1	SO	T	Initial	4.8	
GZ-17 (6-8')	CJ80296	6	N	6010D	7439-96-5	Manganese		440	mg/Kg	Y	Level 2A	TRG	Y	Yes	3.2	mg/Kg	10	SO	T	Initial	3.2	
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-02-0	Nickel		9.97	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-09-7	Potassium		957	mg/Kg	Y	Level 2A	TRG	Y	Yes	4.8	mg/Kg	1	SO	T	Initial	4.8	
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-22-4	Silver	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-23-5	Sodium		183	mg/Kg	Y	Level 2A	TRG	Y	Yes	4.8	mg/Kg	1	SO	T	Initial	4.8	
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-28-0	Thallium	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	2.9	mg/Kg	1	SO	T	Initial	2.9
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-36-0	Antimony	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.2	mg/Kg	1	SO	T	Initial	3.2
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-38-2	Arsenic		1.17	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.64	mg/Kg	1	SO	T	Initial	0.64	
GZ-17 (6-8')	CJ80296	6	N	6010D	7440-39-3	Barium		28.4	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1					

GZ-18 (2')	CJ80297	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	108-86-1	Bromobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	108-88-3	Toluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	108-90-7	Chlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	109-99-9	Tetrahydrofuran (THF)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.3	ug/kg	1	SO	N	Initial	8.3
GZ-18 (2')	CJ80297	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.3	ug/kg	1	SO	N	Initial	8.3
GZ-18 (2')	CJ80297	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	124-48-1	Dibromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	135-98-8	sec-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	156-59-2	cis-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.3	ug/kg	1	SO	N	Initial	8.3
GZ-18 (2')	CJ80297	0	N	8260B	179601-23-1	m&p-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	21	ug/kg	1	SO	N	Initial	21
GZ-18 (2')	CJ80297	0	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	21	ug/kg	1	SO	N	Initial	21
GZ-18 (2')	CJ80297	0	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.3	ug/kg	1	SO	N	Initial	8.3
GZ-18 (2')	CJ80297	0	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	21	ug/kg	1	SO	N	Initial	21
GZ-18 (2')	CJ80297	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1	SO	N	Initial	4.2
GZ-18 (2')	CJ80297	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.2	ug/kg	1				

GZ-18 (0-2')	CJ80298	15	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	129-00-0	Pyrene	1400	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	191-24-2	Benzo(ghi)perylene	410	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	440	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	205-99-2	Benzo(b)fluoranthene	530	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	206-44-0	Fluoranthene	1300	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	207-08-9	Benzo(k)fluoranthene	510	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	218-01-9	Chrysene	830	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	50-32-8	Benzo(a)pyrene	700	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	56-55-3	Benz(a)anthracene	780	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	770	ug/kg	1	SO	N	Initial	770
GZ-18 (0-2')	CJ80298	15	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	85-01-8	Phenanthrene	890	ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	92-87-5	Benzdine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-18 (0-2')	CJ80298	15	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-18 (0-2')	CJ80298	15	N	6010D	7429-90-5	Aluminum	16000	mg/Kg		Y	Level 2A	TRG	Y	Yes	52	mg/Kg	10	SO	T	Initial	52
GZ-18 (0-2')	CJ80298	15	N	6010D	7439-89-6	Iron	23800	mg/Kg		Y	Level 2A	TRG	Y	Yes	52	mg/Kg	10	SO	T	Initial	52
GZ-18 (0-2')	CJ80298	15	N	6010D	7439-92-1	Lead	149	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35

GZ-18 (0-2')	CJ80298	15	N	6010D	7439-95-4	Magnesium	4110	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.2	mg/Kg	1	SO	T	Initial	5.2
GZ-18 (0-2')	CJ80298	15	N	6010D	7439-96-5	Manganese	465	mg/Kg	Y	Level 2A	TRG	Y	Yes	3.5	mg/Kg	10	SO	T	Initial	3.5
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-02-0	Nickel	20.3	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-09-7	Potassium	1590	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.2	mg/Kg	1	SO	T	Initial	5.2
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-22-4	Silver		mg/Kg	U	Level 2A	TRG	N	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-23-5	Sodium	582	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.2	mg/Kg	1	SO	T	Initial	5.2
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-28-0	Thallium		mg/Kg	U	Level 2A	TRG	N	Yes	3.1	mg/Kg	1	SO	T	Initial	3.1
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-36-0	Antimony		mg/Kg	U	Level 2A	TRG	N	Yes	3.5	mg/Kg	1	SO	T	Initial	3.5
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-38-2	Arsenic	3.56	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.69	mg/Kg	1	SO	T	Initial	0.69
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-39-3	Barium	121	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-41-7	Beryllium	0.65	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.28	mg/Kg	1	SO	T	Initial	0.28
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-43-9	Cadmium	1.62	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-47-3	Chromium	49.5	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-48-4	Cobalt	10.6	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-50-8	Copper	24.1	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-62-2	Vanadium	42.4	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.35	mg/Kg	1	SO	T	Initial	0.35
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-66-6	Zinc	84.9	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-18 (0-2')	CJ80298	15	N	6010D	7440-70-2	Calcium	3090	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.2	mg/Kg	1	SO	T	Initial	5.2
GZ-18 (0-2')	CJ80298	15	N	6010D	7782-49-2	Selenium		mg/Kg	U	Level 2A	TRG	N	Yes	1.4	mg/Kg	1	SO	T	Initial	1.4
GZ-22 (1')	CJ80299	0	N	8260B	1330-20-7	Total Xylenes		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	100-41-4	Ethylbenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	100-42-5	Styrene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	10061-01-5	cis-1,3-Dichloropropene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	10061-02-6	trans-1,3-Dichloropropene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	103-65-1	n-Propylbenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	104-51-8	n-Butylbenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	106-43-4	4-Chlorotoluene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	106-46-7	1,4-Dichlorobenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	106-93-4	1,2-Dibromoethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	107-06-2	1,2-Dichloroethane		ug/kg	U	Level 2A	TRG	N	Yes	22	ug/kg	50	SO	N	Initial	22
GZ-22 (1')	CJ80299	0	N	8260B	107-13-1	Acrylonitrile		ug/kg	U	Level 2A	TRG	N	Yes	450	ug/kg	50	SO	N	Initial	450
GZ-22 (1')	CJ80299	0	N	8260B	108-10-1	4-Methyl-2-pentanone		ug/kg	U	Level 2A	TRG	N	Yes	1100	ug/kg	50	SO	N	Initial	1100
GZ-22 (1')	CJ80299	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	108-86-1	Bromobenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	108-88-3	Toluene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	108-90-7	Chlorobenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	109-99-9	Tetrahydrofuran (THF)		ug/kg	U	Level 2A	TRG	N	Yes	450	ug/kg	50	SO	N	Initial	450
GZ-22 (1')	CJ80299	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		ug/kg	U	Level 2A	TRG	N	Yes	450	ug/kg	50	SO	N	Initial	450
GZ-22 (1')	CJ80299	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	124-48-1	Dibromochloromethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	127-18-4	Tetrachloroethene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	135-98-8	sec-Butylbenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	142-28-9	1,3-Dichloropropane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	156-59-2	cis-1,2-Dichloroethene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	156-60-5	trans-1,2-Dichloroethene		ug/kg	U	Level 2A	TRG	N	Yes	190	ug/kg	50	SO	N	Initial	190
GZ-22 (1')	CJ80299	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		ug/kg	U	Level 2A	TRG	N	Yes	450	ug/kg	50	SO	N	Initial	450
GZ-22 (1')	CJ80299	0	N	8260B	179601-23-1	m&p-Xylene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	527-84-4	2-Isopropyltoluene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	541-73-1	1,3-Dichlorobenzene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	56-23-5	Carbon tetrachloride		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	563-58-6	1,1-Dichloropropene		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	591-78-6	2-Hexanone		ug/kg	U	Level 2A	TRG	N	Yes	1100	ug/kg	50	SO	N	Initial	1100
GZ-22 (1')	CJ80299	0	N	8260B	594-20-7	2,2-Dichloropropane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	67-64-1	Acetone		ug/kg	UJ	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	67-66-3	Chloroform		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	71-43-2	Benzene		ug/kg	U	Level 2A	TRG	N	Yes	60	ug/kg	50	SO	N	Initial	60
GZ-22 (1')	CJ80299	0	N	8260B	71-55-6	1,1,1-Trichloroethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	74-83-9	Bromomethane		ug/kg	UJ	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	74-87-3	Chloromethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	74-95-3	Dibromomethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	74-97-5	Bromochloromethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	75-00-3	Chloroethane		ug/kg	UJ	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	75-01-4	Vinyl chloride		ug/kg	U	Level 2A	TRG	N	Yes	22	ug/kg	50	SO	N	Initial	22
GZ-22 (1')	CJ80299	0	N	8260B	75-09-2	Methylene chloride		ug/kg	U	Level 2A	TRG	N	Yes	89	ug/kg	50	SO	N	Initial	89
GZ-22 (1')	CJ80299	0	N	8260B	75-15-0	Carbon Disulfide		ug/kg	UJ	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	75-25-2	Bromoform		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220
GZ-22 (1')	CJ80299	0	N	8260B	75-27-4	Bromodichloromethane		ug/kg	U	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220

GZ-22 (1')	CJ80299	0	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	UJ	UJ	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	UJ	UJ	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	120	ug/kg	50	SO	N	Initial	120	
GZ-22 (1')	CJ80299	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	79-01-6	Trichloroethene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	91-20-3	Naphthalene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	95-47-6	o-Xylene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (1')	CJ80299	0	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	220	ug/kg	50	SO	N	Initial	220	
GZ-22 (0-2')	CJ80300	7	N	SW846-%Solid	PercentSolids	Percent Solid		%	93		Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial		
GZ-22 (0-2')	CJ80300	7	N	SW7471	7439-97-6	Mercury		mg/Kg	0.13		Y	Level 2A	TRG	Y	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	560	ug/kg	1	SO	N	Initial	560	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	108-95-2	Phenol	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	110-86-1	Pyridine	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate		ug/kg	5400	J	J	Y	Level 2A	TRG	Y	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-22 (0-2')	CJ80300	7	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	120-12-7	Anthracene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	122-66-7	1,2-Diphenylhydrazine</																	

GZ-22 (0-2')	CJ80300	7	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	85-01-8	Phenanthrene	290	ug/kg	J	J	Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-22 (0-2')	CJ80300	7	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	91-20-3	Naphthalene	880	ug/kg	J	J	Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-22 (0-2')	CJ80300	7	N	SW8270D	91-57-6	2-Methylnaphthalene	1700	ug/kg	J	J	Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-22 (0-2')	CJ80300	7	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	92-87-5	Benzidine	U	ug/kg	R	R	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-22 (0-2')	CJ80300	7	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250	
GZ-22 (0-2')	CJ80300	7	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350	
GZ-22 (0-2')	CJ80300	7	N	6010D	7429-90-5	Aluminum	14500	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	47	mg/Kg	10	SO	T	Initial	47	
GZ-22 (0-2')	CJ80300	7	N	6010D	7439-89-6	Iron	32600	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	47	mg/Kg	10	SO	T	Initial	47	
GZ-22 (0-2')	CJ80300	7	N	6010D	7439-92-1	Lead	1030	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	3.2	mg/Kg	10	SO	T	Initial	3.2	
GZ-22 (0-2')	CJ80300	7	N	6010D	7439-95-4	Magnesium	5600	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	47	mg/Kg	10	SO	T	Initial	47	
GZ-22 (0-2')	CJ80300	7	N	6010D	7439-96-5	Manganesese	297	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	3.2	mg/Kg	10	SO	T	Initial	3.2	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-02-0	Nickel	22.9	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-09-7	Potassium	2630	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	4.7	mg/Kg	1	SO	T	Initial	4.7	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-22-4	Silver	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-23-5	Sodium	1140	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	4.7	mg/Kg	1	SO	T	Initial	4.7	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-28-0	Thallium	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	2.8	mg/Kg	1	SO	T	Initial	2.8	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-36-0	Antimony	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.2	mg/Kg	1	SO	T	Initial	3.2	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-38-2	Arsenic	4.58	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.63	mg/Kg	1	SO	T	Initial	0.63	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-39-3	Barium	95.6	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-41-7	Beryllium	0.42	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.25	mg/Kg	1	SO	T	Initial	0.25	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-43-9	Cadmium	2.24	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32	
GZ-22 (0-2')	CJ80300	7	N	6010D	7440-47-3	Chromium	30.7	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg						

GZ-15 (3')	CJ80301	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	108-86-1	Bromobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	108-88-3	Toluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	108-90-7	Chlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	109-99-9	Tetrahydrofuran (THF)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9	ug/kg	1	SO	N	Initial	9
GZ-15 (3')	CJ80301	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9	ug/kg	1	SO	N	Initial	9
GZ-15 (3')	CJ80301	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	124-48-1	Dibromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	135-98-8	sec-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9	ug/kg	1	SO	N	Initial	9
GZ-15 (3')	CJ80301	0	N	8260B	179601-23-1	m&p-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	23	ug/kg	1	SO	N	Initial	23
GZ-15 (3')	CJ80301	0	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	23	ug/kg	1	SO	N	Initial	23
GZ-15 (3')	CJ80301	0	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9	ug/kg	1	SO	N	Initial	9
GZ-15 (3')	CJ80301	0	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	23	ug/kg	1	SO	N	Initial	23
GZ-15 (3')	CJ80301	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
GZ-15 (3')	CJ80301	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.5	ug/kg	1	SO	N	Initial	4.5
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GZ-15 (2-4')	CJ80302	12	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	129-00-0	Pyrene	270	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	191-24-2	Benzo(ghi)perylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	205-99-2	Benzo(b)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	206-44-0	Fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	207-08-9	Benzo(k)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	218-01-9	Chrysene	310	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	50-32-8	Benzo(a)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	56-55-3	Benz(a)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	750	ug/kg	1	SO	N	Initial	750
GZ-15 (2-4')	CJ80302	12	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	92-87-5	Benidine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-15 (2-4')	CJ80302	12	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-15 (2-4')	CJ80302	12	N	6010D	7429-90-5	Aluminum	6120	mg/Kg		Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55
GZ-15 (2-4')	CJ80302	12	N	6010D	7439-89-6	Iron	17400	mg/Kg		Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55
GZ-15 (2-4')	CJ80302	12	N	6010D	7439-92-1	Lead	56.4	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7439-95-4	Magnesium	3620	mg/Kg		Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-15 (2-4')	CJ80302	12	N	6010D	7439-96-5	Manganes	145	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-02-0	Nickel	16.3	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-09-7	Potassium	795	mg/Kg		Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5

GZ-15 (2-4')	CJ80302	12	N	6010D	7440-22-4	Silver		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-23-5	Sodium	467		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-28-0	Thallium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.3	mg/Kg	1	SO	T	Initial	3.3
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-36-0	Antimony		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.6	mg/Kg	1	SO	T	Initial	3.6
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-38-2	Arsenic	13.7		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.73	mg/Kg	1	SO	T	Initial	0.73
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-39-3	Barium	68.3		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-41-7	Beryllium	0.55		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.29	mg/Kg	1	SO	T	Initial	0.29
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-43-9	Cadmium	1.07		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-47-3	Chromium	13.3		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-48-4	Cobalt	6.73		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-50-8	Copper	29.7		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-62-2	Vanadium	22.9		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-66-6	Zinc	53.7		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-15 (2-4')	CJ80302	12	N	6010D	7440-70-2	Calcium	16300		mg/Kg		Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55
GZ-15 (2-4')	CJ80302	12	N	6010D	7782-49-2	Selenium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	1.5	mg/Kg	1	SO	T	Initial	1.5
GZ-21 (3')	CJ80303	0	N	8260B	1330-20-7	Total Xylenes		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	100-41-4	Ethylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	100-42-5	Styrene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	10061-02-6	trans-1,3-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	103-65-1	n-Propylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	104-51-8	n-Butylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	106-43-4	4-Chlorotoluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	106-93-4	1,2-Dibromoethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	107-06-2	1,2-Dichloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	23	ug/kg	50	SO	N	Initial	23
GZ-21 (3')	CJ80303	0	N	8260B	107-13-1	Acrylonitrile		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	460	ug/kg	50	SO	N	Initial	460
GZ-21 (3')	CJ80303	0	N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	50	SO	N	Initial	1100
GZ-21 (3')	CJ80303	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	108-86-1	Bromobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	108-88-3	Toluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	108-90-7	Chlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	460	ug/kg	50	SO	N	Initial	460
GZ-21 (3')	CJ80303	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	460	ug/kg	50	SO	N	Initial	460
GZ-21 (3')	CJ80303	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	124-48-1	Dibromochloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	127-18-4	Tetrachloroethene	170		ug/kg		Y	Level 2A	TRG	Y	Yes	170	ug/kg	50	SO	N	Initial	170
GZ-21 (3')	CJ80303	0	N	8260B	135-98-8	sec-Butylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	142-28-9	1,3-Dichloropropane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	460	ug/kg	50	SO	N	Initial	460
GZ-21 (3')	CJ80303	0	N	8260B	179601-23-1	m&p-Xylene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	527-84-4	2-Isopropyltoluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	541-73-1	1,3-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	56-23-5	Carbon tetrachloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	563-58-6	1,1-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	591-78-6	2-Hexanone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	50	SO	N	Initial	1100
GZ-21 (3')	CJ80303	0	N	8260B	594-20-7	2,2-Dichloropropane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	67-64-1	Acetone		U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	67-66-3	Chloroform		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	71-43-2	Benzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	60	ug/kg	50	SO	N	Initial	60
GZ-21 (3')	CJ80303	0	N	8260B	74-83-9	Bromomethane		U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	74-87-3	Chloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	74-95-3	Dibromomethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	74-97-5	Bromochloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-00-3	Chloroethane		U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-01-4	Vinyl chloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	23	ug/kg	50	SO	N	Initial	23
GZ-21 (3')	CJ80303	0	N	8260B	75-09-2	Methylene chloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	91	ug/kg	50	SO	N	Initial	91
GZ-21 (3')	CJ80303	0	N	8260B	75-15-0	Carbon Disulfide		U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-25-2	Bromoform		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-27-4	Bromodichloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-35-4	1,1-Dichloroethene	110		ug/kg	J-	Y	Level 2A	TRG	Y	Yes	100	ug/kg	50	SO	N	Initial	100
GZ-21 (3')	CJ80303	0	N	8260B	75-69-4	Trichlorofluoromethane		U	ug/kg	UJ	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	75-71-8	Dichlorodifluoromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	76-13-1	Trichlorotrifluoroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	78-87-5	1,2-Dichloropropane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	78-93-3	Methyl Ethyl Ketone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	120	ug/kg	50	SO	N	Initial	120
GZ-21 (3')	CJ80303	0	N	8260B	79-00-5	1,1,2-Trichloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230

GZ-21 (3')	CJ80303	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	230	ug/kg	50	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	156-59-2	cis-1,2-Dichloroethene	32000	ug/kg		Y	Level 2A	TRG	Y	Yes	2300	ug/kg	500	SO	N	Initial	2300
GZ-21 (3')	CJ80303	0	N	8260B	156-60-5	trans-1,2-Dichloroethene	370	ug/kg		Y	Level 2A	TRG	Y	Yes	230	ug/kg	500	SO	N	Initial	230
GZ-21 (3')	CJ80303	0	N	8260B	71-55-6	1,1,1-Trichloroethane	5600	ug/kg		Y	Level 2A	TRG	Y	Yes	2300	ug/kg	500	SO	N	Initial	2300
GZ-21 (3')	CJ80303	0	N	8260B	75-34-3	1,1-Dichloroethane	3200	ug/kg		Y	Level 2A	TRG	Y	Yes	2300	ug/kg	500	SO	N	Initial	2300
GZ-21 (3')	CJ80303	0	N	8260B	79-01-6	Trichloroethene	44000	ug/kg		Y	Level 2A	TRG	Y	Yes	2300	ug/kg	500	SO	N	Initial	2300
GZ-21 (2-4')	CJ80304	13	N	SW846-%Solid	PercentSolids	Percent Solid	87	%		Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial	
GZ-21 (2-4')	CJ80304	13	N	SW7471	7439-97-6	Mercury	0.7	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-21 (2-4')	CJ80304	13	N	SW8270D	100-01-6	4-Nitroaniline		ug/kg	U	Y	Level 2A	TRG	N	Yes	600	ug/kg	1	SO	N	Initial	600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	100-02-7	4-Nitrophenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	105-67-9	2,4-Dimethylphenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	106-46-7	1,4-Dichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	106-47-8	4-Chloroaniline		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	108-95-2	Phenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	110-86-1	Pyridine		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	117-84-0	Di-n-octylphthalate		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	118-74-1	Hexachlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	120-12-7	Anthracene	1700	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	120-83-2	2,4-Dichlorophenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	121-14-2	2,4-Dinitrotoluene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	122-66-7	1,2-Diphenylhydrazine		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	129-00-0	Pyrene	23000	ug/kg		Y	Level 2A	TRG	Y	Yes	2600	ug/kg	10	SO	N	Initial	2600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	131-11-3	Dimethylphthalate		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	132-64-9	Dibenzofuran		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	191-24-2	Benzo(ghi)perylene	3600	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	3600	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	205-99-2	Benzo(b)fluoranthene	5900	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	206-44-0	Fluoranthene	17000	ug/kg		Y	Level 2A	TRG	Y	Yes	2600	ug/kg	10	SO	N	Initial	2600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	207-08-9	Benzo(k)fluoranthene	3800	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	208-96-8	Acenaphthylene	400	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	218-01-9	Chrysene	13000	ug/kg		Y	Level 2A	TRG	Y	Yes	2600	ug/kg	10	SO	N	Initial	2600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	50-32-8	Benzo(a)pyrene	6900	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	51-28-5	2,4-Dinitrophenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	1200	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	541-73-1	1,3-Dichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	56-55-3	Benz(a)anthracene	11000	ug/kg		Y	Level 2A	TRG	Y	Yes	2600	ug/kg	10	SO	N	Initial	2600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	59-50-7	4-Chloro-3-methylphenol		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	606-20-2	2,6-Dinitrotoluene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	62-53-3	Aniline		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	62-75-9	N-Nitrosodimethylamine		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	65-85-0	Benzoic acid		ug/kg	U	Y	Level 2A	TRG	N	Yes	750	ug/kg	1	SO	N	Initial	750
GZ-21 (2-4')	CJ80304	13	N	SW8270D	67-72-1	Hexachloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	77-47-4	Hexachlorocyclopentadiene		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	78-59-1	Isophorone		ug/kg	U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	82-68-8	Pentachloronitrobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	83-32-9	Acenaphthene	830	ug/kg		Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260

GZ-21 (2-4')	CJ80304	13	N	SW8270D	84-66-2	Diethyl phthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	84-74-2	Di-n-butylphthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	85-01-8	Phenanthrene	16000		ug/kg			Y	Level 2A	TRG	Y	Yes	2600	ug/kg	10	SO	N	Initial	2600
GZ-21 (2-4')	CJ80304	13	N	SW8270D	85-68-7	Benzyl butyl phthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	86-30-6	N-Nitrosodiphenylamine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	86-73-7	Fluorene	810		ug/kg			Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	86-74-8	Carbazole	380		ug/kg			Y	Level 2A	TRG	Y	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	87-68-3	Hexachlorobutadiene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	87-86-5	Pentachlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	88-74-4	2-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	SW8270D	88-75-5	2-Nitrophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	91-20-3	Naphthalene	280		ug/kg			Y	Level 2A	TRG	Y	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	91-57-6	2-Methylnaphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	91-58-7	2-Chloronaphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	92-87-5	Benzidine		U	ug/kg	R	R	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	95-50-1	1,2-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	95-57-8	2-Chlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	98-86-2	Acetophenone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	98-95-3	Nitrobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	260	ug/kg	1	SO	N	Initial	260
GZ-21 (2-4')	CJ80304	13	N	SW8270D	99-09-2	3-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	370	ug/kg	1	SO	N	Initial	370
GZ-21 (2-4')	CJ80304	13	N	6010D	7429-90-5	Aluminum	12200		mg/Kg			Y	Level 2A	TRG	Y	Yes	54	mg/Kg	10	SO	T	Initial	54
GZ-21 (2-4')	CJ80304	13	N	6010D	7439-89-6	Iron	25300		mg/Kg			Y	Level 2A	TRG	Y	Yes	54	mg/Kg	10	SO	T	Initial	54
GZ-21 (2-4')	CJ80304	13	N	6010D	7439-92-1	Lead	197		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7439-95-4	Magnesium	3330		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.4	mg/Kg	1	SO	T	Initial	5.4
GZ-21 (2-4')	CJ80304	13	N	6010D	7439-96-5	Manganesese	436		mg/Kg			Y	Level 2A	TRG	Y	Yes	3.6	mg/Kg	10	SO	T	Initial	3.6
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-02-0	Nickel	18.7		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-09-7	Potassium	2570		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.4	mg/Kg	1	SO	T	Initial	5.4
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-22-4	Silver		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-23-5	Sodium	840		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.4	mg/Kg	1	SO	T	Initial	5.4
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-28-0	Thallium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.2	mg/Kg	1	SO	T	Initial	3.2
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-36-0	Antimony		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.6	mg/Kg	1	SO	T	Initial	3.6
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-38-2	Arsenic	5.43		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.72	mg/Kg	1	SO	T	Initial	0.72
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-39-3	Barium	111		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-41-7	Beryllium	0.54		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.29	mg/Kg	1	SO	T	Initial	0.29
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-43-9	Cadmium	1.65		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-47-3	Chromium	19.7		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-48-4	Cobalt	10.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-50-8	Copper	44.7		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-62-2	Vanadium	29.7		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.36	mg/Kg	1	SO	T	Initial	0.36
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-66-6	Zinc	142		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-21 (2-4')	CJ80304	13	N	6010D	7440-70-2	Calcium	5630		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.4	mg/Kg	1	SO	T	Initial	5.4
GZ-21 (2-4')	CJ80304	13	N	6010D	7782-49-2	Selenium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	1.4	mg/Kg	1	SO	T	Initial	1.4
CB-01	CJ80305	0	N	8260B	1330-20-7	Total Xylenes		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	100-41-4	Ethylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	100-42-5	Styrene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	10061-02-6	trans-1,3-Dichloropropene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	103-65-1	n-Propylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	104-51-8	n-Butylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	106-43-4	4-Chlorotoluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	106-93-4	1,2-Dibromoethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	107-06-2	1,2-Dichloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	107-13-1	Acrylonitrile		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
CB-01	CJ80305	0	N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	28	ug/kg	1	SO	N	Initial	28
CB-01	CJ80305	0	N	8260B	108-67-8	1,3,5-Trimethylbenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	108-86-1	Bromobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	108-88-3	Toluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	108-90-7	Chlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
CB-01	CJ80305	0	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
CB-01	CJ80305	0	N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	124-48-1	Dibromochloromethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6

CB-01	CJ80305	0	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	135-98-8	sec-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	156-59-2	cis-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
CB-01	CJ80305	0	N	8260B	179601-23-1	m&p-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	28	ug/kg	1	SO	N	Initial	28
CB-01	CJ80305	0	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	28	ug/kg	1	SO	N	Initial	28
CB-01	CJ80305	0	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
CB-01	CJ80305	0	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	28	ug/kg	1	SO	N	Initial	28
CB-01	CJ80305	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.6	ug/kg	1	SO	N	Initial	5.6
CB-01	CJ80305	0	N	8260B	98-06-6	tert-Butylbenzene	U														

GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	109-99-9	Tetrahydrofuran (THF)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9.9	ug/kg	1	SO	N	Initial	9.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	110-57-6	trans-1,4-dichloro-2-butene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9.9	ug/kg	1	SO	N	Initial	9.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	124-48-1	Dibromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	135-98-8	sec-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	156-59-2	cis-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9.9	ug/kg	1	SO	N	Initial	9.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	179601-23-1	m&p-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	9.9	ug/kg	1	SO	N	Initial	9.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	25	ug/kg	1	SO	N	Initial	25
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	79-01-6	Trichloroethene	6.6	ug/kg		Y	Level 2A	TRG	Y	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.9	ug/kg	1	SO	N	Initial	4.9
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW7471	7439-97-6	Mercury	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	560	ug/kg	1	SO	N	Initial	560
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N		

GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	129-00-0	Pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	191-24-2	Benzo(ghi)perylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	205-99-2	Benzo(b)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	206-44-0	Fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	207-08-9	Benzo(k)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	218-01-9	Chrysene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	50-32-8	Benzo(a)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	56-55-3	Benz(a)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	710	ug/kg	1	SO	N	Initial	710
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	92-87-5	Benzidine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	350	ug/kg	1	SO	N	Initial	350
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7429-90-5	Aluminum		12900	mg/Kg	Y	Level 2A	TRG	Y	Yes	57	mg/Kg	10	SO	T	Initial	57
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7439-89-6	Iron		15800	mg/Kg	Y	Level 2A	TRG	Y	Yes	57	mg/Kg	10	SO	T	Initial	57
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7439-92-1	Lead		4.45	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7439-95-4	Magnesium		2360	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7439-96-5	Manganese		339	mg/Kg	Y	Level 2A	TRG	Y	Yes	3.8	mg/Kg	10	SO	T	Initial	3.8
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7440-02-0	Nickel		13.3	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7440-09-7	Potassium		1170	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-20 (7.5'')/(5.5-7.5')	CJ80306	7	N	6010D	7440-22-4																

GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-23-5	Sodium	153		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-28-0	Thallium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.4	mg/Kg	1	SO	T	Initial	3.4
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-36-0	Antimony		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.8	mg/Kg	1	SO	T	Initial	3.8
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-38-2	Arsenic	1.31		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.76	mg/Kg	1	SO	T	Initial	0.76
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-39-3	Barium	42		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-41-7	Beryllium	0.47		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.3	mg/Kg	1	SO	T	Initial	0.3
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-43-9	Cadmium	1.04		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-47-3	Chromium	18.8		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-48-4	Cobalt	5.44		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-50-8	Copper	8.1		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-62-2	Vanadium	19.5		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.38	mg/Kg	1	SO	T	Initial	0.38
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-66-6	Zinc	29.1		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7440-70-2	Calcium	824		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.7	mg/Kg	1	SO	T	Initial	5.7
GZ-20 (7.5')/(5.5-7.5')	CJ80306	7	N	6010D	7782-49-2	Selenium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	1.5	mg/Kg	1	SO	T	Initial	1.5
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	1330-20-7	Total Xylenes		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	SW846-%Solid	PercentSolids	Percent Solid	91		%		Y	Level 2A	TRG	Y	Yes	%		1	SO	N	Initial	
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	100-41-4	Ethylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	100-42-5	Styrene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	10061-02-6	trans-1,3-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	103-65-1	n-Propylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	104-51-8	n-Butylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	106-43-4	4-Chlorotoluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	106-93-4	1,2-Dibromoethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	107-06-2	1,2-Dichloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	107-13-1	Acrylonitrile		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	26	ug/kg	1	SO	N	Initial	26
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	108-67-8	1,3,5-Trimethylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	108-86-1	Bromobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	108-88-3	Toluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	108-90-7	Chlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	124-48-1	Dibromochloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	127-18-4	Tetrachloroethene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	135-98-8	sec-Butylbenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	142-28-9	1,3-Dichloropropane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	156-59-2	cis-1,2-Dichloroethene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	156-60-5	trans-1,2-Dichloroethene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	179601-23-1	m&p-Xylene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	527-84-4	2-Isopropyltoluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	541-73-1	1,3-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	56-23-5	Carbon tetrachloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	563-58-6	1,1-Dichloropropene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	591-78-6	2-Hexanone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	26	ug/kg	1	SO	N	Initial	26
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	594-20-7	2,2-Dichloropropane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	67-64-1	Acetone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	26	ug/kg	1	SO	N	Initial	26
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	67-66-3	Chloroform		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	71-43-2	Benzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	71-55-6	1,1,1-Trichloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	74-83-9	Bromomethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	74-87-3	Chloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	74-95-3	Dibromomethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	74-97-5	Bromochloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-00-3	Chloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-01-4	Vinyl chloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-09-2	Methylene chloride		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	11	ug/kg	1	SO	N	Initial	11
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-15-0	Carbon Disulfide		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-25-2	Bromoform		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-27-4	Bromodichloromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-34-3	1,1-Dichloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-35-4	1,1-Dichloroethene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-69-4	Trichlorofluoromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3'/(2-4'))	CJ80307	9	N	8260B	75-71-8	Dichlorodifluoromethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3

GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	26	ug/kg	1	SO	N	Initial	26
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5.3	ug/kg	1	SO	N	Initial	5.3
GZ-23 (3')/(2-4')	CJ80307	9	N	SW7471	7439-97-6	Mercury	0.11	mg/Kg	U	Y	Level 2A	TRG	Y	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5800	ug/kg	10	SO	N	Initial	5800
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1800	ug/kg	10	SO	N	Initial	1800
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	330	ug/kg	10	SO	N	Initial	330
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	330	ug/kg	10	SO	N	Initial	330
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	129-00-0	Pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	191-24-2	Benzo(ghi)perylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	500	ug/kg	10	SO	N	Initial	500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	205-99-2	Benzo(b)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1000	ug/kg	10	SO	N	Initial	1000
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	206-44-0	Fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	207-08-9	Benzo(k)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	800	ug/kg	10	SO	N	Initial	800
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	218-01-9	Chrysene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1000	ug/kg	10	SO	N	Initial	1000
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	50-32-8	Benzo(a)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1000	ug/kg	10	SO	N	Initial	1000
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	330	ug/kg	10	SO	N	Initial	330
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2400	ug/kg	10	SO	N	Initial	2400
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	56-55-3	Benz(a)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1000	ug/kg	10	SO	N	Initial	1000
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	7200	ug/kg	10	SO	N	Initial	7200
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500

GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	86-73-7	Fluorene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	86-74-8	Carbazole	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	87-86-5	Pentachlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	800	ug/kg	10	SO	N	Initial	800	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	91-57-6	2-Methylnaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	92-87-5	Benzidine	U	ug/kg	R	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	330	ug/kg	10	SO	N	Initial	330	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	10	SO	N	Initial	1100	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	98-86-2	Acetophenone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	98-95-3	Nitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	2500	ug/kg	10	SO	N	Initial	2500	
GZ-23 (3')/(2-4')	CJ80307	9	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3600	ug/kg	10	SO	N	Initial	3600	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7429-90-5	Aluminum		13600	mg/Kg	Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7439-89-6	Iron		14600	mg/Kg	Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7439-92-1	Lead		49.3	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7439-95-4	Magnesium		2900	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7439-96-5	Manganese		354	mg/Kg	Y	Level 2A	TRG	Y	Yes	3.7	mg/Kg	10	SO	T	Initial	3.7	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-02-0	Nickel		14.1	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-09-7	Potassium		1590	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-22-4	Silver	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-23-5	Sodium		149	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-28-0	Thallium	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.3	mg/Kg	1	SO	T	Initial	3.3
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-36-0	Antimony	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.7	mg/Kg	1	SO	T	Initial	3.7
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-38-2	Arsenic		2.32	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.73	mg/Kg	1	SO	T	Initial	0.73	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-39-3	Barium		64.5	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-41-7	Beryllium		0.37	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.29	mg/Kg	1	SO	T	Initial	0.29	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-43-9	Cadmium		1.1	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-47-3	Chromium		21.8	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-48-4	Cobalt		6.31	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-50-8	Copper		24.8	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-62-2	Vanadium		23.8	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-66-6	Zinc		60.6	mg/Kg	Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7440-70-2	Calcium		1840	mg/Kg	Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5	
GZ-23 (3')/(2-4')	CJ80307	9	N	6010D	7782-49-2	Selenium	U		mg/Kg	U	Y	Level 2A	TRG	N	Yes	1.5	mg/Kg	1	SO	T	Initial	1.5
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	1330-20-7	Total Xylenes	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	SW846-%Solid	PercentSolids	Percent Solid		89	%	Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial		
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	100-41-4	Ethylbenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	100-42-5	Styrene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	10061-01-5	cis-1,3-Dichloropropene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	10061-02-6	trans-1,3-Dichloropropene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	103-65-1	n-Propylbenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	104-51-8	n-Butylbenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	106-43-4	4-Chlorotoluene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	106-46-7	1,4-Dichlorobenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	106-93-4	1,2-Dibromoethane	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	107-06-2	1,2-Dichloroethane	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	107-13-1	Acrylonitrile	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	8.8	ug/kg	1	SO	N	Initial	8.8
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	108-10-1	4-Methyl-2-pentanone	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	22	ug/kg	1	SO	N	Initial	22
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	108-67-8	1,3,5-Trimethylbenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	108-86-1	Bromobenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	108-88-3	Toluene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	108-90-7	Chlorobenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	109-99-9	Tetrahydrofuran (THF)	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	8.8	ug/kg	1	SO	N	Initial	8.8
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	110-57-6	trans-1,4-dichloro-2-butene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	8.8	ug/kg	1	SO	N	Initial	8.8
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	120-82-1	1,2,4-Trichlorobenzene	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	124-48-1	Dibromochloromethane	U		ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4

GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	127-18-4	Tetrachloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	135-98-8	sec-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	142-28-9	1,3-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	156-59-2	cis-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	156-60-5	trans-1,2-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.8	ug/kg	1	SO	N	Initial	8.8
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	179601-23-1	m&p-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	527-84-4	2-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	56-23-5	Carbon tetrachloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	563-58-6	1,1-Dichloropropene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	22	ug/kg	1	SO	N	Initial	22
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	22	ug/kg	1	SO	N	Initial	22
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	8.8	ug/kg	1	SO	N	Initial	8.8
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	22	ug/kg	1	SO	N	Initial	22
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	4.4	ug/kg	1	SO	N	Initial	4.4
GZ-24 (2')/(0-2')	CJ80308	11	N	SW7471	7439-97-6	Mercury	0.21	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	580	ug/kg	1	SO	N	Initial	580
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250

GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	121-14-2	2,4-Dinitrotoluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	122-66-7	1,2-Diphenylhydrazine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	129-00-0	Pyrene	610		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	131-11-3	Dimethylphthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	132-64-9	Dibenzofuran		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	191-24-2	Benzo(ghi)perylene	310		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	320		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	205-99-2	Benzo(b)fluoranthene	350		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	206-44-0	Fluoranthene	570		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	207-08-9	Benzo(k)fluoranthene	280		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	208-96-8	Acenaphthylene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	218-01-9	Chrysene	390		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	50-32-8	Benzo(a)pyrene	390		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	51-28-5	2,4-Dinitrophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	53-70-3	Dibenz(a,h)anthracene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	541-73-1	1,3-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	56-55-3	Benz(a)anthracene	350		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	59-50-7	4-Chloro-3-methylphenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	606-20-2	2,6-Dinitrotoluene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	62-53-3	Aniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	62-75-9	N-Nitrosodimethylamine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	65-85-0	Benzoic acid		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	730	ug/kg	1	SO	N	Initial	730
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	67-72-1	Hexachloroethane		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	77-47-4	Hexachlorocyclopentadiene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	78-59-1	Isophorone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	82-68-8	Pentachloronitrobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	83-32-9	Acenaphthene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	84-66-2	Diethyl phthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	84-74-2	Di-n-butylphthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	85-01-8	Phenanthrene	280		ug/kg			Y	Level 2A	TRG	Y	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	85-68-7	Benzyl butyl phthalate		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	86-30-6	N-Nitrosodiphenylamine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	86-73-7	Fluorene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	86-74-8	Carbazole		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	87-68-3	Hexachlorobutadiene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	87-86-5	Pentachlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	88-74-4	2-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	88-75-5	2-Nitrophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	91-20-3	Naphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	91-57-6	2-Methylnaphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	91-58-7	2-Chloronaphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	92-87-5	Benidine		U	ug/kg	R	R	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	95-50-1	1,2-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	95-57-8	2-Chlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	98-86-2	Acetophenone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	98-95-3	Nitrobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	250	ug/kg	1	SO	N	Initial	250
GZ-24 (2')/(0-2')	CJ80308	11	N	SW8270D	99-09-2	3-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	360	ug/kg	1	SO	N	Initial	360
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7429-90-5	Aluminum	11400		mg/Kg			Y	Level 2A	TRG	Y	Yes	60	mg/Kg	10	SO	T	Initial	60
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7439-89-6	Iron	22700		mg/Kg			Y	Level 2A	TRG	Y	Yes	60	mg/Kg	10	SO	T	Initial	60
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7439-92-1	Lead	81.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7439-95-4	Magnesium	7620		mg/Kg			Y	Level 2A	TRG	Y	Yes	60	mg/Kg	10	SO	T	Initial	60
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7439-96-5	Manganesee	273		mg/Kg			Y	Level 2A	TRG	Y	Yes	4	mg/Kg	10	SO	T	Initial	4
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-02-0	Nickel	19.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-09-7	Potassium	1800		mg/Kg			Y	Level 2A	TRG	Y	Yes	6	mg/Kg	1	SO	T	Initial	6
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-22-4	Silver		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-23-5	Sodium	708		mg/Kg			Y	Level 2A	TRG	Y	Yes	6	mg/Kg	1	SO	T	Initial	6
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-28-0	Thallium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.6	mg/Kg	1	SO	T	Initial	3.6
GZ-24 (2')/(0-2')	CJ80308	11	N	6010D	7440-36-0	Antimony		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	4	mg/Kg	1	SO	T	Initial	4
GZ-24 (2')/(0-2')	CJ80308																						

GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-39-3	Barium	90.2	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-41-7	Beryllium	0.55	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.32	mg/Kg	1	SO	T	Initial	0.32
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-43-9	Cadmium	1.51	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-47-3	Chromium	36.6	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-48-4	Cobalt	9.54	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-50-8	Copper	29.4	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-62-2	Vanadium	40.8	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.4	mg/Kg	1	SO	T	Initial	0.4
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-66-6	Zinc	121	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7440-70-2	Calcium	9020	mg/Kg		Y	Level 2A	TRG	Y	Yes	6	mg/Kg	1	SO	T	Initial	6
GZ-24 (2'')/(0-2')	CJ80308	11	N	6010D	7782-49-2	Selenium		mg/Kg	U	Y	Level 2A	TRG	N	Yes	1.6	mg/Kg	1	SO	T	Initial	1.6
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	1330-20-7	Total Xylenes	87000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW846-%Solid	PercentSolids	Percent Solid	83	%		Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial	
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	100-41-4	Ethylbenzene	14000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	100-42-5	Styrene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	10061-01-5	cis-1,3-Dichloropropene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	10061-02-6	trans-1,3-Dichloropropene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	103-65-1	n-Propylbenzene	14000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	104-51-8	n-Butylbenzene	8900	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	106-43-4	4-Chlorotoluene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	106-46-7	1,4-Dichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	1800	ug/kg	1000	SO	N	Initial	1800
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	106-93-4	1,2-Dibromoethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	107-06-2	1,2-Dichloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	107-13-1	Acrylonitrile		ug/kg	U	Y	Level 2A	TRG	N	Yes	11000	ug/kg	1000	SO	N	Initial	11000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	108-10-1	4-Methyl-2-pentanone		ug/kg	U	Y	Level 2A	TRG	N	Yes	27000	ug/kg	1000	SO	N	Initial	27000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	108-67-8	1,3,5-Trimethylbenzene	59000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	108-86-1	Bromobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	108-88-3	Toluene		ug/kg	U	Y	Level 2A	TRG	N	Yes	700	ug/kg	1000	SO	N	Initial	700
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	108-90-7	Chlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	109-99-9	Tetrahydrofuran (THF)		ug/kg	U	Y	Level 2A	TRG	N	Yes	11000	ug/kg	1000	SO	N	Initial	11000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		ug/kg	U	Y	Level 2A	TRG	N	Yes	11000	ug/kg	1000	SO	N	Initial	11000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	120-82-1	1,2,4-Trichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	124-48-1	Dibromochloromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	127-18-4	Tetrachloroethene		ug/kg	U	Y	Level 2A	TRG	N	Yes	1300	ug/kg	1000	SO	N	Initial	1300
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	135-98-8	sec-Butylbenzene	3800	ug/kg		Y	Level 2A	TRG	Y	Yes	3600	ug/kg	1000	SO	N	Initial	3600
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	142-28-9	1,3-Dichloropropane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	156-59-2	cis-1,2-Dichloroethene		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	156-60-5	trans-1,2-Dichloroethene		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	179601-23-1	m&p-Xylene	62000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	527-84-4	2-Isopropyltoluene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	541-73-1	1,3-Dichlorobenzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	2400	ug/kg	1000	SO	N	Initial	2400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	56-23-5	Carbon tetrachloride		ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	563-58-6	1,1-Dichloropropene		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	591-78-6	2-Hexanone		ug/kg	U	Y	Level 2A	TRG	N	Yes	27000	ug/kg	1000	SO	N	Initial	27000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	594-20-7	2,2-Dichloropropane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	67-64-1	Acetone		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	67-66-3	Chloroform		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	71-43-2	Benzene		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	71-55-6	1,1,1-Trichloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	680	ug/kg	1000	SO	N	Initial	680
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	74-83-9	Bromomethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	74-87-3	Chloromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	74-95-3	Dibromomethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	74-97-5	Bromochloromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-00-3	Chloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-01-4	Vinyl chloride		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-09-2	Methylene chloride		ug/kg	U	Y	Level 2A	TRG	N	Yes	2200	ug/kg	1000	SO	N	Initial	2200
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-15-0	Carbon Disulfide		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-25-2	Bromoform		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-27-4	Bromodichloromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-34-3	1,1-Dichloroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-35-4	1,1-Dichloroethene		ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-69-4	Trichlorofluoromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	75-71-8	Dichlorodifluoromethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	76-13-1	Trichlorotrifluoroethane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	78-87-5	1,2-Dichloropropane		ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	78-93-3	Methyl Ethyl Ketone		ug/kg	U	Y	Level 2A	TRG	N	Yes	2200	ug/kg	1000	SO	N	Initial	2200
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	79-00-5	1,1,2-Trichloroethane		ug/kg	U	Y	Level 2A	TRG									

GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	540	ug/kg	1000	SO	N	Initial	540
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	91-20-3	Naphthalene	36000	ug/kg	25000	Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	95-47-6	o-Xylene		ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	1100	ug/kg	1000	SO	N	Initial	1100
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	95-63-6	1,2,4-Trimethylbenzene	150000	ug/kg		Y	Level 2A	TRG	Y	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane		ug/kg		Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	5400	ug/kg	1000	SO	N	Initial	5400
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	98-82-8	Isopropylbenzene	5200	ug/kg	4500	Y	Level 2A	TRG	Y	Yes	5000	ug/kg	1000	SO	N	Initial	5000
GZ-24 (12'')/(11-13')	CJ80309	17	N	8260B	99-87-6	p-Isopropyltoluene		ug/kg		Y	Level 2A	TRG	Y	Yes	4400	ug/kg	1000	SO	N	Initial	4400
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW7471	7439-97-6	Mercury	U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	630	ug/kg	1	SO	N	Initial	630
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	108-95-2	Phenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	110-86-1	Pyridine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	118-74-1	Hexachlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	120-12-7	Anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	129-00-0	Pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	132-64-9	Dibenzofuran	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	191-24-2	Benzo(ghi)perylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	205-99-2	Benzo(b)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	206-44-0	Fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	207-08-9	Benzo(k)fluoranthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	208-96-8	Acenaphthylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	218-01-9	Chrysene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	50-32-8	Benzo(a)pyrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	53-70-3	Dibenz(a,h)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	56-55-3	Benz(a)anthracene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	62-53-3	Aniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	62-75-9	N-Nitrosodimethylamine	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	65-85-0	Benzoic acid	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	790	ug/kg	1	SO	N	Initial	790
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	67-72-1	Hexachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	77-47-4	Hexachlorocyclopentadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	78-59-1	Isophorone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	83-32-9	Acenaphthene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	85-01-8	Phenanthrene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12'')/(11-13')	CJ80309	17	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/kg													

GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	86-73-7	Fluorene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	86-74-8	Carbazole		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	87-68-3	Hexachlorobutadiene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	87-86-5	Pentachlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	88-74-4	2-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	88-75-5	2-Nitrophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	91-20-3	Naphthalene	21000		ug/kg			Y	Level 2A	TRG	Y	Yes	2800	ug/kg	10	SO	N	Initial	2800
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	91-57-6	2-Methylnaphthalene	20000		ug/kg			Y	Level 2A	TRG	Y	Yes	2800	ug/kg	10	SO	N	Initial	2800
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	91-58-7	2-Chloronaphthalene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	92-87-5	Benzidine		U	ug/kg	R	R	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	95-50-1	1,2-Dichlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	95-57-8	2-Chlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	98-86-2	Acetophenone		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	98-95-3	Nitrobenzene		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	280	ug/kg	1	SO	N	Initial	280
GZ-24 (12')/(11-13')	CJ80309	17	N	SW8270D	99-09-2	3-Nitroaniline		U	ug/kg		U	Y	Level 2A	TRG	N	Yes	390	ug/kg	1	SO	N	Initial	390
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7429-90-5	Aluminum	7680		mg/Kg			Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7439-89-6	Iron	12800		mg/Kg			Y	Level 2A	TRG	Y	Yes	55	mg/Kg	10	SO	T	Initial	55
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7439-92-1	Lead	11.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7439-95-4	Magnesium	2510		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7439-96-5	Manganese	173		mg/Kg			Y	Level 2A	TRG	Y	Yes	3.7	mg/Kg	10	SO	T	Initial	3.7
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-02-0	Nickel	62.3		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-09-7	Potassium	1380		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-22-4	Silver		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-23-5	Sodium	107		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-28-0	Thallium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.3	mg/Kg	1	SO	T	Initial	3.3
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-36-0	Antimony		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	3.7	mg/Kg	1	SO	T	Initial	3.7
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-38-2	Arsenic	1.15		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.73	mg/Kg	1	SO	T	Initial	0.73
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-39-3	Barium	30.7		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-41-7	Beryllium	0.4		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.29	mg/Kg	1	SO	T	Initial	0.29
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-43-9	Cadmium	0.79		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-47-3	Chromium	10.8		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-48-4	Cobalt	5.1		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-50-8	Copper	9.1		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-62-2	Vanadium	14.2		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.37	mg/Kg	1	SO	T	Initial	0.37
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-66-6	Zinc	22.2		mg/Kg			Y	Level 2A	TRG	Y	Yes	0.7	mg/Kg	1	SO	T	Initial	0.7
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7440-70-2	Calcium	781		mg/Kg			Y	Level 2A	TRG	Y	Yes	5.5	mg/Kg	1	SO	T	Initial	5.5
GZ-24 (12')/(11-13')	CJ80309	17	N	6010D	7782-49-2	Selenium		U	mg/Kg		U	Y	Level 2A	TRG	N	Yes	1.5	mg/Kg	1	SO	T	Initial	1.5
TMW-16	CJ80310		N	8260B	100-42-5	Styrene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-16	CJ80310		N	8260B	10061-02-6	trans-1,3-Dichloropropene	19	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-16	CJ80310		N	8260B	104-51-8	n-Butylbenzene			ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	106-43-4	4-Chlorotoluene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	106-93-4	1,2-Dibromoethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	107-06-2	1,2-Dichloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.6	ug/L	1	GW	N	Initial	0.6
TMW-16	CJ80310		N	8260B	107-13-1	Acrylonitrile		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/L		U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-16	CJ80310		N	8260B	108-86-1	Bromobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	108-88-3	Toluene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	108-90-7	Chlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/L		U	Y	Level 2A	TRG	N	Yes	2.5	ug/L	1	GW	N	Initial	2.5
TMW-16	CJ80310		N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-16	CJ80310		N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	124-48-1	Dibromochloromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-16	CJ80310		N	8260B	127-18-4	Tetrachloroethene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	1330-20-7	Total Xylenes	890		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310		N	8260B	135-98-8	sec-Butylbenzene	15		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	142-28-9	1,3-Dichloropropane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	156-59-2	cis-1,2-Dichloroethene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	156-60-5	trans-1,2-Dichloroethene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	527-84-4	2-Isopropyltoluene	5.6		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310		N	8260B	541-73-1	1,3-Dichlorobenzene		U	ug/L		U	Y	Level										

TMW-16	CJ80310	N	8260B	56-23-5	Carbon tetrachloride		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	563-58-6	1,1-Dichloropropene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	591-78-6	2-Hexanone		U	ug/L		U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-16	CJ80310	N	8260B	594-20-7	2,2-Dichloropropane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	67-64-1	Acetone		U	ug/L		U	Y	Level 2A	TRG	N	Yes	25	ug/L	1	GW	N	Initial	25
TMW-16	CJ80310	N	8260B	67-66-3	Chloroform	4.9		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	71-43-2	Benzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.7	ug/L	1	GW	N	Initial	0.7
TMW-16	CJ80310	N	8260B	71-55-6	1,1,1-Trichloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	74-83-9	Bromomethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	74-87-3	Chloromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	74-95-3	Dibromomethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	74-97-5	Bromochloromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-00-3	Chloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-01-4	Vinyl chloride		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-09-2	Methylene chloride		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-15-0	Carbon Disulfide		U	ug/L		U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-16	CJ80310	N	8260B	75-25-2	Bromoform		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-27-4	Bromodichloromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-16	CJ80310	N	8260B	75-34-3	1,1-Dichloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-35-4	1,1-Dichloroethene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-69-4	Trichlorofluoromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	75-71-8	Dichlorodifluoromethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	76-13-1	Trichlorotrifluoroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	78-87-5	1,2-Dichloropropane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	78-93-3	Methyl ethyl ketone		U	ug/L		U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-16	CJ80310	N	8260B	79-00-5	1,1,2-Trichloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	79-01-6	Trichloroethene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-16	CJ80310	N	8260B	87-61-6	1,2,3-Trichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	87-68-3	Hexachlorobutadiene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-16	CJ80310	N	8260B	95-49-8	2-Chlorotoluene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	95-50-1	1,2-Dichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	96-18-4	1,2,3-Trichloropropane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	98-06-6	tert-Butylbenzene	2.4		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	98-82-8	Isopropylbenzene	65		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	99-87-6	p-Isopropyltoluene	13		ug/L			Y	Level 2A	TRG	Y	Yes	1	ug/L	1	GW	N	Initial	1
TMW-16	CJ80310	N	8260B	100-41-4	Ethylbenzene	290		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	103-65-1	n-Propylbenzene	160		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	108-67-8	1,3,5-Trimethylbenzene	340		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	179601-23-1	m&p-Xylene	470		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	91-20-3	Naphthalene	390		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	95-47-6	o-Xylene	420		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	8260B	95-63-6	1,2,4-Trimethylbenzene	1200		ug/L			Y	Level 2A	TRG	Y	Yes	20	ug/L	20	GW	N	Initial	20
TMW-16	CJ80310	N	SW7470	7439-97-6	Mercury (Dissolved)		U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.0002	mg/L	1	GW	D	Initial	0.0002
TMW-16	CJ80310	N	SW8270D	100-01-6	4-Nitroaniline		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	100-02-7	4-Nitrophenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	105-67-9	2,4-Dimethylphenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	106-46-7	1,4-Dichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-16	CJ80310	N	SW8270D	106-47-8	4-Chloroaniline		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	108-95-2	Phenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate		U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	117-84-0	Di-n-octylphthalate		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	120-83-2	2,4-Dichlorophenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	121-14-2	2,4-Dinitrotoluene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	122-66-7	1,2-Diphenylhydrazine		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	131-11-3	Dimethylphthalate		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	9.4	ug/L	1	GW	N	Initial	9.4
TMW-16	CJ80310	N	SW8270D	132-64-9	Dibenzofuran		U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	51-28-5	2,4-Dinitrophenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	541-73-1	1,3-Dichlorobenzene		U	ug/L		U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4

TMW-16	CJ80310	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	62-53-3	Aniline	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	65-85-0	Benzoic acid	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	47	ug/L	1	GW	N	Initial	47
TMW-16	CJ80310	N	SW8270D	67-72-1	Hexachloroethane	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	78-59-1	Isophorone	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-16	CJ80310	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	86-74-8	Carbazole	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	91-20-3	Naphthalene	290	ug/L			Y	Level 2A	TRG	Y	Yes	47	ug/L	10	GW	N	Initial	47
TMW-16	CJ80310	N	SW8270D	91-57-6	2-Methylnaphthalene	94	ug/L			Y	Level 2A	TRG	Y	Yes	47	ug/L	10	GW	N	Initial	47
TMW-16	CJ80310	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	92-87-5	Benzidine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-16	CJ80310	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	3.3	ug/L	1	GW	N	Initial	3.3
TMW-16	CJ80310	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-16	CJ80310	N	SW8270D	98-86-2	Acetophenone	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/L		U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-16	CJ80310	N	SW8270D (SIM)	110-86-1	Pyridine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	118-74-1	Hexachlorobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.04	ug/L	1	GW	N	Initial	0.04
TMW-16	CJ80310	N	SW8270D (SIM)	120-12-7	Anthracene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	129-00-0	Pyrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	191-24-2	Benzo(ghi)perylene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	205-99-2	Benzo(b)fluoranthene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	206-44-0	Fluoranthene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	207-08-9	Benzo(k)fluoranthene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	208-96-8	Acenaphthylene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	218-01-9	Chrysene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	50-32-8	Benzo(a)pyrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	53-70-3	Dibenz(a,h)anthracene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	56-55-3	Benz(a)anthracene	0.02	ug/L			Y	Level 2A	TRG	Y	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-16	CJ80310	N	SW8270D (SIM)	62-75-9	N-Nitrosodimethylamine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	77-47-4	Hexachlorocyclopentadiene	U	ug/L	UJ	UJ	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	83-32-9	Acenaphthene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	85-01-8	Phenanthrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	86-73-7	Fluorene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	87-68-3	Hexachlorobutadiene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	87-86-5	Pentachlorophenol	U	ug/L	R	R	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-16	CJ80310	N	SW8270D (SIM)	98-95-3	Nitrobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.38	ug/L	1	GW	N	Initial	0.38
TMW-16	CJ80310	N	SW7010	7440-28-0	Thallium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-16	CJ80310	N	6010D	7429-90-5	Aluminum (Dissolved)	0.013	mg/L			Y	Level 2A	TRG	Y	Yes	0.011	mg/L	1	GW	D	Initial	0.011
TMW-16	CJ80310	N	6010D	7439-89-6	Iron (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.011	mg/L	1	GW	D	Initial	0.011
TMW-16	CJ80310	N	6010D	7439-92-1	Lead (Dissolved)	0.003	mg/L			Y	Level 2A	TRG	Y	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-16	CJ80310	N	6010D	7439-95-4	Magnesium (Dissolved)	12.2	mg/L			Y	Level 2A	TRG	Y	Yes	0.01	mg/L	1	GW	D	Initial	0.01
TMW-16	CJ80310	N	6010D	7439-96-5	Manganese (Dissolved)	1.02	mg/L			Y	Level 2A	TRG	Y	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-02-0	Nickel (Dissolved)	0.006	mg/L			Y	Level 2A	TRG	Y	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-09-7	Potassium (Dissolved)	3.1	mg/L			Y	Level 2A	TRG	Y	Yes	0.1	mg/L	1	GW	D	Initial	0.1
TMW-16	CJ80310	N	6010D	7440-22-4	Silver (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-23-5	Sodium (Dissolved)	48.4	mg/L			Y	Level 2A	TRG	Y	Yes	0.11	mg/L	1	GW	D	Initial	0.11
TMW-16	CJ80310	N	6010D	7440-36-0	Antimony (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.005	mg/L	1	GW	D	Initial	0.005
TMW-16	CJ80310	N	6010D	7440-38-2	Arsenic (Dissolved)	0.008	mg/L			Y	Level 2A	TRG	Y	Yes	0.004	mg/L	1	GW	D	Initial	0.004
TMW-16	CJ80310	N	6010D	7440-39-3	Barium (Dissolved)	0.02	mg/L			Y	Level 2A	TRG	Y	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-16	CJ80310	N	6010D	7440-41-7	Beryllium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-43-9	Cadmium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-47-3	Chromium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-16	CJ80310	N	6010D	7440-48-4	Cobalt (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001

TMW-16	CJ80310	N	6010D	7440-50-8	Copper (Dissolved)	45.3	U	mg/L	U	Y	Level 2A	TRG	N	Yes	0.005	mg/L	1	GW	D	Initial	0.005
TMW-16	CJ80310	N	6010D	7440-62-2	Vanadium (Dissolved)		U	mg/L	U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-16	CJ80310	N	6010D	7440-66-6	Zinc (Dissolved)		U	mg/L	U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-16	CJ80310	N	6010D	7440-70-2	Calcium (Dissolved)			mg/L		Y	Level 2A	TRG	Y	Yes	0.01	mg/L	1	GW	D	Initial	0.01
TMW-16	CJ80310	N	6010D	7782-49-2	Selenium (Dissolved)		U	mg/L	U	Y	Level 2A	TRG	N	Yes	0.011	mg/L	1	GW	D	Initial	0.011
TMW-17	CJ80311	N	8260B	1330-20-7	Total Xylenes		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	100-41-4	Ethylbenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	100-42-5	Styrene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-17	CJ80311	N	8260B	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-17	CJ80311	N	8260B	103-65-1	n-Propylbenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	104-51-8	n-Butylbenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	106-43-4	4-Chlorotoluene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	106-46-7	1,4-Dichlorobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	106-93-4	1,2-Dibromoethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	107-06-2	1,2-Dichloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.6	ug/L	1	GW	N	Initial	0.6
TMW-17	CJ80311	N	8260B	107-13-1	Acrylonitrile		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	108-10-1	4-Methyl-2-pentanone		U	ug/L	U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-17	CJ80311	N	8260B	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	108-86-1	Bromobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	108-88-3	Toluene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	108-90-7	Chlorobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	109-99-9	Tetrahydrofuran (THF)		U	ug/L	U	Y	Level 2A	TRG	N	Yes	2.5	ug/L	1	GW	N	Initial	2.5
TMW-17	CJ80311	N	8260B	110-57-6	trans-1,4-dichloro-2-butene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-17	CJ80311	N	8260B	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	124-48-1	Dibromochloromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-17	CJ80311	N	8260B	127-18-4	Tetrachloroethene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	135-98-8	sec-Butylbenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	142-28-9	1,3-Dichloropropane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	156-59-2	cis-1,2-Dichloroethene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	156-60-5	trans-1,2-Dichloroethene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	1634-04-4	Methyl t-butyl ether (MTBE)		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	179601-23-1	m&p-Xylene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	527-84-4	2-Isopropyltoluene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	541-73-1	1,3-Dichlorobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	56-23-5	Carbon tetrachloride		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	563-58-6	1,1-Dichloropropene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	591-78-6	2-Hexanone		U	ug/L	U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-17	CJ80311	N	8260B	594-20-7	2,2-Dichloropropane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	67-64-1	Acetone		U	ug/L	U	Y	Level 2A	TRG	N	Yes	25	ug/L	1	GW	N	Initial	25
TMW-17	CJ80311	N	8260B	67-66-3	Chloroform		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	71-43-2	Benzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.7	ug/L	1	GW	N	Initial	0.7
TMW-17	CJ80311	N	8260B	71-55-6	1,1,1-Trichloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	74-83-9	Bromomethane	UJ	U	ug/L	UJ	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	74-87-3	Chloromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	74-95-3	Dibromomethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	74-97-5	Bromochloromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-00-3	Chloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-01-4	Vinyl chloride		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-09-2	Methylene chloride		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-15-0	Carbon Disulfide		U	ug/L	U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-17	CJ80311	N	8260B	75-25-2	Bromoform		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-27-4	Bromodichloromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-17	CJ80311	N	8260B	75-34-3	1,1-Dichloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-35-4	1,1-Dichloroethene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-69-4	Trichlorofluoromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	75-71-8	Dichlorodifluoromethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	76-13-1	Trichlorotrifluoroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	78-87-5	1,2-Dichloropropane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	78-93-3	Methyl ethyl ketone		U	ug/L	U	Y	Level 2A	TRG	N	Yes	5	ug/L	1	GW	N	Initial	5
TMW-17	CJ80311	N	8260B	79-00-5	1,1,2-Trichloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	79-01-6	Trichloroethene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.5	ug/L	1	GW	N	Initial	0.5
TMW-17	CJ80311	N	8260B	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	87-68-3	Hexachlorobutadiene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.4	ug/L	1	GW	N	Initial	0.4
TMW-17	CJ80311	N	8260B	91-20-3	Naphthalene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	95-47-6	o-Xylene		U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1

TMW-17	CJ80311	N	8260B	95-49-8	2-Chlorotoluene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	98-06-6	tert-Butylbenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	98-82-8	Isopropylbenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	1	ug/L	1	GW	N	Initial	1
TMW-17	CJ80311	N	SW7470	7439-97-6	Mercury (Dissolved)	U	mg/L	U	Y	Level 2A	TRG	N	Yes	0.0002	mg/L	1	GW	D	Initial	0.0002
TMW-17	CJ80311	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-17	CJ80311	N	SW8270D	106-47-8	4-Chloroaniline	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	108-60-1	Bis(2-chloroisopropyl)ether	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	108-95-2	Phenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	111-44-4	Bis(2-chloroethyl)ether	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	111-91-1	Bis(2-chloroethoxy)methane	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	117-81-7	Bis(2-ethylhexyl)phthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	117-84-0	Di-n-octylphthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	120-82-1	1,2,4-Trichlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	120-83-2	2,4-Dichlorophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	121-14-2	2,4-Dinitrotoluene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	122-66-7	1,2-Diphenylhydrazine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	131-11-3	Dimethylphthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	1319-77-3	3&4-Methylphenol (m&p-cresol)	U	ug/L	U	Y	Level 2A	TRG	N	Yes	9.4	ug/L	1	GW	N	Initial	9.4
TMW-17	CJ80311	N	SW8270D	132-64-9	Dibenzofuran	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	51-28-5	2,4-Dinitrophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	541-73-1	1,3-Dichlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-17	CJ80311	N	SW8270D	59-50-7	4-Chloro-3-methylphenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	606-20-2	2,6-Dinitrotoluene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	62-53-3	Aniline	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	65-85-0	Benzoic acid	U	ug/L	U	Y	Level 2A	TRG	N	Yes	47	ug/L	1	GW	N	Initial	47
TMW-17	CJ80311	N	SW8270D	67-72-1	Hexachloroethane	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	78-59-1	Isophorone	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	82-68-8	Pentachloronitrobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-17	CJ80311	N	SW8270D	84-66-2	Diethyl phthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	84-74-2	Di-n-butylphthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	85-68-7	Benzyl butyl phthalate	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	86-30-6	N-Nitrosodiphenylamine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	86-74-8	Carbazole	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	88-06-2	2,4,6-Trichlorophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	88-74-4	2-Nitroaniline	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	88-75-5	2-Nitrophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	91-58-7	2-Chloronaphthalene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	92-87-5	Benzidine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	95-50-1	1,2-Dichlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	2.4	ug/L	1	GW	N	Initial	2.4
TMW-17	CJ80311	N	SW8270D	95-57-8	2-Chlorophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	3.3	ug/L	1	GW	N	Initial	3.3
TMW-17	CJ80311	N	SW8270D	95-95-4	2,4,5-Trichlorophenol	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.94	ug/L	1	GW	N	Initial	0.94
TMW-17	CJ80311	N	SW8270D	98-86-2	Acetophenone	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D	99-09-2	3-Nitroaniline	U	ug/L	U	Y	Level 2A	TRG	N	Yes	4.7	ug/L	1	GW	N	Initial	4.7
TMW-17	CJ80311	N	SW8270D (SIM)	110-86-1	Pyridine	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311	N	SW8270D (SIM)	118-74-1	Hexachlorobenzene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.04	ug/L	1	GW	N	Initial	0.04
TMW-17	CJ80311	N	SW8270D (SIM)	120-12-7	Anthracene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311	N	SW8270D (SIM)	129-00-0	Pyrene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311	N	SW8270D (SIM)	191-24-2	Benzo(ghi)perylene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311	N	SW8270D (SIM)	193-39-5	Indeno(1,2,3-cd)pyrene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311	N	SW8270D (SIM)	205-99-2	Benzo(b)fluoranthene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311	N	SW8270D (SIM)	206-44-0	Fluoranthene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311	N	SW8270D (SIM)	207-08-9	Benzo(k)fluoranthene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311	N	SW8270D (SIM)	208-96-8	Acenaphthylene	U	ug/L	U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47

TMW-17	CJ80311		N	SW8270D (SIM) 218-01-9	Chrysene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311		N	SW8270D (SIM) 50-32-8	Benzo(a)pyrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311		N	SW8270D (SIM) 53-70-3	Dibenz(a,h)anthracene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 56-55-3	Benz(a)anthracene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.02	ug/L	1	GW	N	Initial	0.02
TMW-17	CJ80311		N	SW8270D (SIM) 62-75-9	N-Nitrosodimethylamine	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 77-47-4	Hexachlorocyclopentadiene	U	ug/L	UJ	UJ	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 83-32-9	Acenaphthene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 85-01-8	Phenanthrene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 86-73-7	Fluorene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 87-68-3	Hexachlorobutadiene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 87-86-5	Pentachlorophenol	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 91-20-3	Naphthalene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 91-57-6	2-Methylnaphthalene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.47	ug/L	1	GW	N	Initial	0.47
TMW-17	CJ80311		N	SW8270D (SIM) 98-95-3	Nitrobenzene	U	ug/L		U	Y	Level 2A	TRG	N	Yes	0.38	ug/L	1	GW	N	Initial	0.38
TMW-17	CJ80311		N	SW7010 7440-28-0	Thallium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-17	CJ80311		N	6010D 7429-90-5	Aluminum (Dissolved)		0.025	mg/L		Y	Level 2A	TRG	Y	Yes	0.011	mg/L	1	GW	D	Initial	0.011
TMW-17	CJ80311		N	6010D 7439-89-6	Iron (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.011	mg/L	1	GW	D	Initial	0.011
TMW-17	CJ80311		N	6010D 7439-92-1	Lead (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-17	CJ80311		N	6010D 7439-95-4	Magnesium (Dissolved)		42.5	mg/L		Y	Level 2A	TRG	Y	Yes	0.01	mg/L	1	GW	D	Initial	0.01
TMW-17	CJ80311		N	6010D 7439-96-5	Manganese (Dissolved)		13.1	mg/L		Y	Level 2A	TRG	Y	Yes	0.011	mg/L	10	GW	D	Initial	0.011
TMW-17	CJ80311		N	6010D 7440-02-0	Nickel (Dissolved)		0.004	mg/L		Y	Level 2A	TRG	Y	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-09-7	Potassium (Dissolved)		5	mg/L		Y	Level 2A	TRG	Y	Yes	0.1	mg/L	1	GW	D	Initial	0.1
TMW-17	CJ80311		N	6010D 7440-22-4	Silver (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-23-5	Sodium (Dissolved)		252	mg/L		Y	Level 2A	TRG	Y	Yes	1.1	mg/L	10	GW	D	Initial	1.1
TMW-17	CJ80311		N	6010D 7440-36-0	Antimony (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.005	mg/L	1	GW	D	Initial	0.005
TMW-17	CJ80311		N	6010D 7440-38-2	Arsenic (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.004	mg/L	1	GW	D	Initial	0.004
TMW-17	CJ80311		N	6010D 7440-39-3	Barium (Dissolved)		0.146	mg/L		Y	Level 2A	TRG	Y	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-17	CJ80311		N	6010D 7440-41-7	Beryllium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-43-9	Cadmium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-47-3	Chromium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-48-4	Cobalt (Dissolved)		0.003	mg/L		Y	Level 2A	TRG	Y	Yes	0.001	mg/L	1	GW	D	Initial	0.001
TMW-17	CJ80311		N	6010D 7440-50-8	Copper (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.005	mg/L	1	GW	D	Initial	0.005
TMW-17	CJ80311		N	6010D 7440-62-2	Vanadium (Dissolved)		0.003	mg/L		Y	Level 2A	TRG	Y	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-17	CJ80311		N	6010D 7440-66-6	Zinc (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.002	mg/L	1	GW	D	Initial	0.002
TMW-17	CJ80311		N	6010D 7440-70-2	Calcium (Dissolved)		211	mg/L		Y	Level 2A	TRG	Y	Yes	0.11	mg/L	10	GW	D	Initial	0.11
TMW-17	CJ80311		N	6010D 7782-49-2	Selenium (Dissolved)	U	mg/L		U	Y	Level 2A	TRG	N	Yes	0.011	mg/L	1	GW	D	Initial	0.011
GZ-19 (2')	CJ80626	0	N	8260B 1330-20-7	Total Xylenes	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 100-41-4	Ethylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 100-42-5	Styrene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 10061-01-5	cis-1,3-Dichloropropene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 10061-02-6	trans-1,3-Dichloropropene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 103-65-1	n-Propylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 104-51-8	n-Butylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 106-43-4	4-Chlorotoluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 106-46-7	1,4-Dichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 106-93-4	1,2-Dibromoethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 107-06-2	1,2-Dichloroethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 107-13-1	Acrylonitrile	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	7.8	ug/kg	1	SO	N	Initial	7.8
GZ-19 (2')	CJ80626	0	N	8260B 108-10-1	4-Methyl-2-pentanone	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	20	ug/kg	1	SO	N	Initial	20
GZ-19 (2')	CJ80626	0	N	8260B 108-67-8	1,3,5-Trimethylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 108-86-1	Bromobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 108-88-3	Toluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 108-90-7	Chlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 109-99-9	Tetrahydrofuran (THF)	U	ug/kg	UJ	UJ	Y	Level 2A	TRG	N	Yes	7.8	ug/kg	1	SO	N	Initial	7.8
GZ-19 (2')	CJ80626	0	N	8260B 110-57-6	trans-1,4-dichloro-2-butene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	7.8	ug/kg	1	SO	N	Initial	7.8
GZ-19 (2')	CJ80626	0	N	8260B 120-82-1	1,2,4-Trichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 124-48-1	Dibromochloromethane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 127-18-4	Tetrachloroethene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 135-98-8	sec-Butylbenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 142-28-9	1,3-Dichloropropane	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 156-59-2	cis-1,2-Dichloroethene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 156-60-5	trans-1,2-Dichloroethene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 1634-04-4	Methyl t-butyl ether (MTBE)	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	7.8	ug/kg	1	SO	N	Initial	7.8
GZ-19 (2')	CJ80626	0	N	8260B 179601-23-1	m&p-Xylene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 527-84-4	2-Isopropyltoluene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 541-73-1	1,3-Dichlorobenzene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 56-23-5	Carbon tetrachloride	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9
GZ-19 (2')	CJ80626	0	N	8260B 563-58-6	1,1-Dichloropropene	U	ug/kg		U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9

GZ-19 (2')	CJ80626	0	N	8260B	591-78-6	2-Hexanone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	20	ug/kg	1	SO	N	Initial	20	
GZ-19 (2')	CJ80626	0	N	8260B	594-20-7	2,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	630-20-6	1,1,1,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	67-64-1	Acetone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	20	ug/kg	1	SO	N	Initial	20	
GZ-19 (2')	CJ80626	0	N	8260B	67-66-3	Chloroform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	71-43-2	Benzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	71-55-6	1,1,1-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	74-83-9	Bromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	74-87-3	Chloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	74-95-3	Dibromomethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	74-97-5	Bromochloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-00-3	Chloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-01-4	Vinyl chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-09-2	Methylene chloride	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	7.8	ug/kg	1	SO	N	Initial	7.8	
GZ-19 (2')	CJ80626	0	N	8260B	75-15-0	Carbon Disulfide	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-25-2	Bromoform	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-27-4	Bromodichloromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-34-3	1,1-Dichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-35-4	1,1-Dichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-69-4	Trichlorofluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	75-71-8	Dichlorodifluoromethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	76-13-1	Trichlorotrifluoroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	78-87-5	1,2-Dichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	78-93-3	Methyl Ethyl Ketone	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	20	ug/kg	1	SO	N	Initial	20	
GZ-19 (2')	CJ80626	0	N	8260B	79-00-5	1,1,2-Trichloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	79-01-6	Trichloroethene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	79-34-5	1,1,2,2-Tetrachloroethane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	87-61-6	1,2,3-Trichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	87-68-3	Hexachlorobutadiene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	91-20-3	Naphthalene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	95-47-6	o-Xylene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	95-49-8	2-Chlorotoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	95-50-1	1,2-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	95-63-6	1,2,4-Trimethylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	96-12-8	1,2-Dibromo-3-chloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	96-18-4	1,2,3-Trichloropropane	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	98-06-6	tert-Butylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	98-82-8	Isopropylbenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (2')	CJ80626	0	N	8260B	99-87-6	p-Isopropyltoluene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	3.9	ug/kg	1	SO	N	Initial	3.9	
GZ-19 (0-2')	CJ80627	13	N	SW846-%Solid	PercentSolids	Percent Solid		87	%	Y	Level 2A	TRG	Y	Yes		%	1	SO	N	Initial		
GZ-19 (0-2')	CJ80627	13	N	SW7471	7439-97-6	Mercury		0.49	mg/Kg		Y	Level 2A	TRG	Y	Yes	0.03	mg/Kg	2	SO	T	Initial	0.03
GZ-19 (0-2')	CJ80627	13	N	SW8270D	100-01-6	4-Nitroaniline	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	610	ug/kg	1	SO	N	Initial	610	
GZ-19 (0-2')	CJ80627	13	N	SW8270D	100-02-7	4-Nitrophenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270	
GZ-19 (0-2')	CJ80627	13	N	SW8270D	101-55-3	4-Bromophenyl phenyl ether	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380	
GZ-19 (0-2')	CJ80627	13	N	SW8270D	105-67-9	2,4-Dimethylphenol	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270	
GZ-19 (0-2')	CJ80627	13	N	SW8270D	106-46-7	1,4-Dichlorobenzene	U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270	
GZ-19 (0-2')	CJ80627	13	N																			

GZ-19 (0-2')	CJ80627	13	N	SW8270D	207-08-9	Benzo(k)fluoranthene	820		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	208-96-8	Acenaphthylene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	218-01-9	Chrysene	1100		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	50-32-8	Benzo(a)pyrene	1000		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	51-28-5	2,4-Dinitrophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	53-70-3	Dibenz(a,h)anthracene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	541-73-1	1,3-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	56-55-3	Benz(a)anthracene	1100		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	59-50-7	4-Chloro-3-methylphenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	606-20-2	2,6-Dinitrotoluene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	621-64-7	N-Nitrosodi-n-propylamine		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	62-53-3	Aniline		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	62-75-9	N-Nitrosodimethylamine		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	65-85-0	Benzoic acid		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	770	ug/kg	1	SO	N	Initial	770
GZ-19 (0-2')	CJ80627	13	N	SW8270D	67-72-1	Hexachloroethane		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	7005-72-3	4-Chlorophenyl phenyl ether		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	77-47-4	Hexachlorocyclopentadiene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	78-59-1	Isophorone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	82-68-8	Pentachloronitrobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	83-32-9	Acenaphthene	270		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	84-66-2	Diethyl phthalate		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	84-74-2	Di-n-butylphthalate		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	85-01-8	Phenanthrene	2500		ug/kg		Y	Level 2A	TRG	Y	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	85-68-7	Benzyl butyl phthalate		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	86-30-6	N-Nitrosodiphenylamine		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	86-73-7	Fluorene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	86-74-8	Carbazole		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	87-68-3	Hexachlorobutadiene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	87-86-5	Pentachlorophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	88-74-4	2-Nitroaniline		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	SW8270D	88-75-5	2-Nitrophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	91-20-3	Naphthalene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	91-57-6	2-Methylnaphthalene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	91-58-7	2-Chloronaphthalene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	91-94-1	3,3'-Dichlorobenzidine		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	92-87-5	Benzdine		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	95-48-7	2-Methylphenol (o-cresol)		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	95-50-1	1,2-Dichlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	95-57-8	2-Chlorophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	95-94-3	1,2,4,5-Tetrachlorobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	98-86-2	Acetophenone		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	98-95-3	Nitrobenzene		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	270	ug/kg	1	SO	N	Initial	270
GZ-19 (0-2')	CJ80627	13	N	SW8270D	99-09-2	3-Nitroaniline		U	ug/kg	U	Y	Level 2A	TRG	N	Yes	380	ug/kg	1	SO	N	Initial	380
GZ-19 (0-2')	CJ80627	13	N	6010D	7429-90-5	Aluminum	12600		mg/Kg		Y	Level 2A	TRG	Y	Yes	59	mg/Kg	10	SO	T	Initial	59
GZ-19 (0-2')	CJ80627	13	N	6010D	7439-89-6	Iron	25900		mg/Kg		Y	Level 2A	TRG	Y	Yes	59	mg/Kg	10	SO	T	Initial	59
GZ-19 (0-2')	CJ80627	13	N	6010D	7439-92-1	Lead	251		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7439-95-4	Magnesium	6830		mg/Kg		Y	Level 2A	TRG	Y	Yes	59	mg/Kg	10	SO	T	Initial	59
GZ-19 (0-2')	CJ80627	13	N	6010D	7439-96-5	Manganesee	418		mg/Kg		Y	Level 2A	TRG	Y	Yes	3.9	mg/Kg	10	SO	T	Initial	3.9
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-02-0	Nickel	21.5		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-09-7	Potassium	2290		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.9	mg/Kg	1	SO	T	Initial	5.9
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-22-4	Silver		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-23-5	Sodium	1050		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.9	mg/Kg	1	SO	T	Initial	5.9
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-28-0	Thallium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.5	mg/Kg	1	SO	T	Initial	3.5
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-36-0	Antimony		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	3.9	mg/Kg	1	SO	T	Initial	3.9
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-38-2	Arsenic	5.38		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.79	mg/Kg	1	SO	T	Initial	0.79
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-39-3	Barium	128		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-41-7	Beryllium	0.6		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.31	mg/Kg	1	SO	T	Initial	0.31
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-43-9	Cadmium	1.5		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-47-3	Chromium	27.3		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-48-4	Cobalt	10.4		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-50-8	Copper	47.3		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-62-2	Vanadium	44		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.39	mg/Kg	1	SO	T	Initial	0.39
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-66-6	Zinc	236		mg/Kg		Y	Level 2A	TRG	Y	Yes	0.8	mg/Kg	1	SO	T	Initial	0.8
GZ-19 (0-2')	CJ80627	13	N	6010D	7440-70-2	Calcium	9650		mg/Kg		Y	Level 2A	TRG	Y	Yes	5.9	mg/Kg	1	SO	T	Initial	5.9
GZ-19 (0-2')	CJ80627	13	N	6010D	7782-49-2	Selenium		U	mg/Kg	U	Y	Level 2A	TRG	N	Yes	1.6	mg/Kg	1	SO	T	Initial	1.6



Environmental Laboratories, Inc.
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Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: WATER
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21 16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80312

Project ID: 586 RIVER AVE
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/20/21	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	11/20/21	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	11/20/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/20/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	11/20/21	HM	70 - 130 %
% Dibromofluoromethane	100			%	1	11/20/21	HM	70 - 130 %

1

SECTION 3

ORGANIC AND INORGANIC DATA SUPPORT DOCUMENTATION



ORGANIC ANALYSIS SUPPORT DOCUMENTATION

Client Name: GZA GeoEnvironmental of New York
 Site/Project Name: 150th Street, Bronx, New York Project
 Job Number/Task/Subtask: PROJ-021403
 Laboratory/Location: Phoenix Environmental Laboratories, Inc.
 SDG: GCJ80288
 Sample Collection Dates: 11/17/21

EnvStd Project Manager: STZ
 Reviewed by: STZ
 Approved by: KV
 Completion Date: 11/2022
 Validation Level: Level 4 & 2A

The following table indicates criteria that were examined, the identified problems, and support documentation attachments.

The following table indicates criteria that were examined, the identified problems, and support documentation attachments.	Parameter/ Method	Criteria Examined in Detail						Problems Identified							
		Note: All items examined have been included in the Support Document unless otherwise noted.													
		Check (✓) if Yes or Footnote Letter for Comments Below													
		TO-15	8260B	8270D					TO-15	8260B	8270D				
Condition upon Receipt	X	X	X												
Sample Preservation		X													
Holding Times	X	X	X												
Blank Analysis Results	X	X	X												
Surrogates	X	X	X							X					
Laboratory Control Sample	X	X	X						X	X					
Matrix Spike/Matrix Spike Duplicate		X	X						X	X					
Laboratory Duplicate															
Field Duplicate															
Sample Preparation															
Detection Limit/Sensitivity	X	X	X												
Mass Tuning	X														
GC Instrument Performance – Resolution Checks and DDT/Endrin Breakdown															
Initial Calibrations	X														
Continuing Calibrations	X														
Internal Standard Performance	X							X							
Retention Time Shifts															
Quantitation of Results	X														
Qualitative Identification: Targets	X							X							
Qualitative Identification: TICs															
Multiple Dilutions/Analyses															
Analytical Sequence	X														
GC Column Agreement															
Manual Integration															
Percent Solids															
Extract Cleanup Documentation, Checks, and Calibrations															
Deliverable was Complete	X							X							
Others:															

Comments: Qualitative Identification, Quantitation of Results, and Manual Integrations are not included in the Support Documentation unless a problem was identified.

Method blanks and canister blanks were free of contamination. No summary was generated.



INORGANIC ANALYSIS SUPPORT DOCUMENTATION

Client Name: GZA GeoEnvironmental of New York
Site/Project Name: 150th Street, Bronx, New York Project
Job Number/Task/Subtask: PROJ-021403
Laboratory/Location: Phoenix Environmental Laboratories, Inc.
SDG: GCJ80288
Sample Collection Dates: 11/17/21

EnvStd Project Manager: STZ
Reviewed by: STZ
Approved by: KV
Completion Date: 11/2022
Validation Level: Level 2A

The following table indicates criteria that were examined, the identified problems, and support documentation attachments.

Parameter/ Method	Criteria Examined in Detail							Problems Identified						
	Note: All items examined have been included in the Support Document unless otherwise noted.													
	Check (✓) if Yes or Footnote Letter for Comments Below													
	6101D	7010	7470A/7471B					6010D	7010	7470A/7470B				
Condition upon Receipt	X	X	X											
Sample Preservation														
Holding Times	X	X	X											
Blank Analysis Results	X	X	X											
Laboratory Control Sample	X	X	X											
Matrix Spike (Pre-Digestion Spike)														
Laboratory Duplicate														
Field Duplicate														
Total vs. Dissolved Results Comparison														
Sample Preparation														
Mass Tuning														
Initial Calibrations														
Continuing Calibrations														
Detection Limit/Reporting Limit Standards														
Negative Bias														
Interference Checks														
Post-Digestion Spike														
Serial Dilution														
Analytical Sequence														
Linear Range Analysis														
Interelement Correction Factors														
Detection Limit/Sensitivity														
Dilutions														
Internal Standard Performance														
Quantitation of Results														
Multiple Exposures %RSD														
Percent Solids														
Deliverable was Complete	X	X	X					X	X	X				
Others:														

Comments: Quantitation of Results and Multiple Exposures are not included in the Support Documentation unless a problem was identified.



Aq = Aqueous; S = Solid

Notes: Other blanks were analyte free and not summarized



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 23338

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:40
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80288

Project ID: 586 RIVER AVE
Client ID: SV-14

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/18/21	KCA	1
1,1,1-Trichloroethane	6.60	0.183	0.183	36.0	1.00	1.00	11/18/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/18/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/18/21	KCA	1
1,1-Dichloroethane	0.323	0.247	0.247	1.31	1.00	1.00	11/18/21	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/18/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/18/21	KCA	1
1,2,4-Trimethylbenzene	0.619	0.204	0.204	3.04	1.00	1.00	11/18/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/18/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/18/21	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/18/21	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/18/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/18/21	KCA	1
1,3,5-Trimethylbenzene	0.242	0.204	0.204	1.19	1.00	1.00	11/18/21	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/18/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/18/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/18/21	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/18/21	KCA	1
2-Hexanone(MBK)	46.7	2.44	2.44	191	10.0	10.0	11/18/21	KCA	10
4-Ethyltoluene	0.907	0.204	0.204	4.46	1.00	1.00	11/18/21	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/18/21	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/18/21	KCA	1
Acetone	39.8	0.421	0.421	94.5	1.00	1.00	11/18/21	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/18/21	KCA	1
Benzene	2.64	0.313	0.313	8.43	1.00	1.00	11/18/21	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/18/21	KCA	1

Client ID: SV-14

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/18/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/18/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/18/21	KCA	1
Carbon Disulfide	3.18	0.321	0.321	9.9	1.00	1.00	11/18/21	KCA	1
Carbon Tetrachloride	0.040	0.032	0.032	0.25	0.20	0.20	11/18/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/18/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/18/21	KCA	1
Chloroform	1.91	0.205	0.205	9.32	1.00	1.00	11/18/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/18/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/18/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/18/21	KCA	1
Cyclohexane	5.56	0.291	0.291	19.1	1.00	1.00	11/18/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/18/21	KCA	1
Dichlorodifluoromethane	0.966	0.202	0.202	4.77	1.00	1.00	11/18/21	KCA	1
Ethanol	57.4	5.31	5.31	108	10.0	10.0	11/18/21	KCA	10
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/18/21	KCA	1
Ethylbenzene	32.3	0.230	0.230	140	1.00	1.00	11/18/21	KCA	1
Heptane	7.26	0.244	0.244	29.7	1.00	1.00	11/18/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/18/21	KCA	1
Hexane	13.0	0.284	0.284	45.8	1.00	1.00	11/18/21	KCA	1
Isopropylalcohol	1.38	0.407	0.407	3.39	1.00	1.00	11/18/21	KCA	1
Isopropylbenzene	0.256	0.204	0.204	1.26	1.00	1.00	11/18/21	KCA	1
m,p-Xylene	102	2.30	2.30	443	10.0	10.0	11/18/21	KCA	10
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	11/18/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/18/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/18/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/18/21	KCA	1
o-Xylene	24.3	0.230	0.230	105	1.00	1.00	11/18/21	KCA	1
Propylene	54.8	5.81	5.81	94.3	10.0	10.0	11/18/21	KCA	10
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/18/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/18/21	KCA	1
Tetrachloroethene	0.884	0.037	0.037	5.99	0.25	0.25	11/18/21	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/18/21	KCA	1
Toluene	13.1	0.266	0.266	49.3	1.00	1.00	11/18/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/18/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/18/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	11/18/21	KCA	1
Trichlorofluoromethane	0.257	0.178	0.178	1.44	1.00	1.00	11/18/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/18/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/18/21	KCA	1
<u>QA/OC Surrogates/Internals</u>									
% Bromofluorobenzene	106	%	%	106	%	%	11/18/21	KCA	1
% IS-1,4-Difluorobenzene	107	%	%	107	%	%	11/18/21	KCA	1
% IS-Bromochloromethane	105	%	%	105	%	%	11/18/21	KCA	1
% IS-Chlorobenzene-d5	130	%	%	130	%	%	11/18/21	KCA	1
% Bromofluorobenzene (10x)	94	%	%	94	%	%	11/18/21	KCA	10
% IS-1,4-Difluorobenzene (10x)	105	%	%	105	%	%	11/18/21	KCA	10
% IS-Bromochloromethane (10x)	105	%	%	105	%	%	11/18/21	KCA	10
% IS-Chlorobenzene-d5 (10x)	114	%	%	114	%	%	11/18/21	KCA	10

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

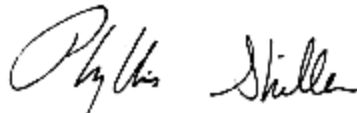
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 28590

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:55
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80289

Project ID: 586 RIVER AVE
Client ID: SV-15

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/17/21	AW	5
1,1,1-Trichloroethane	1270	18.3	18.3	6920	100	100	11/18/21	AW	100
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/17/21	AW	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/17/21	AW	5
1,1-Dichloroethane	278	24.7	24.7	1120	100	100	11/18/21	AW	100
1,1-Dichloroethene	90.5	0.252	0.252	359	1.00	1.00	11/17/21	AW	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	11/17/21	AW	5
1,2,4-Trimethylbenzene	2.32	1.02	1.02	11.4	5.01	5.01	11/17/21	AW	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	11/17/21	AW	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/17/21	AW	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	11/17/21	AW	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	11/17/21	AW	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/17/21	AW	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	11/17/21	AW	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	11/17/21	AW	5
4-Ethyltoluene	2.65	1.02	1.02	13.0	5.01	5.01	11/17/21	AW	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	11/17/21	AW	5
Acetone	40.9	2.11	2.11	97.1	5.01	5.01	11/17/21	AW	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	11/17/21	AW	5
Benzene	5.04	1.57	1.57	16.1	5.01	5.01	11/17/21	AW	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	11/17/21	AW	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	11/17/21	AW	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	11/17/21	AW	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	11/17/21	AW	5
Carbon Disulfide	7.07	1.61	1.61	22.0	5.01	5.01	11/17/21	AW	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	11/17/21	AW	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	11/17/21	AW	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	11/17/21	AW	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	11/17/21	AW	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	11/17/21	AW	5
Cis-1,2-Dichloroethene	21.3	0.252	0.252	84.4	1.00	1.00	11/17/21	AW	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/17/21	AW	5
Cyclohexane	7.07	1.45	1.45	24.3	4.99	4.99	11/17/21	AW	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	11/17/21	AW	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	11/17/21	AW	5
Ethanol	102	2.66	2.66	192	5.01	5.01	11/17/21	AW	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
Ethylbenzene	20.9	1.15	1.15	90.7	4.99	4.99	11/17/21	AW	5
Heptane	10.0	1.22	1.22	41.0	5.00	5.00	11/17/21	AW	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	11/17/21	AW	5
Hexane	22.4	1.42	1.42	78.9	5.00	5.00	11/17/21	AW	5
Isopropylalcohol	2.57	2.04	2.04	6.31	5.01	5.01	11/17/21	AW	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/17/21	AW	5
m,p-Xylene	88.3	1.15	1.15	383	4.99	4.99	11/17/21	AW	5
Methyl Ethyl Ketone	25.0	1.70	1.70	73.7	5.01	5.01	11/17/21	AW	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	11/17/21	AW	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
o-Xylene	22.2	1.15	1.15	96.3	4.99	4.99	11/17/21	AW	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	11/17/21	AW	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	11/17/21	AW	5
Tetrachloroethene	1.54	0.184	0.184	10.4	1.25	1.25	11/17/21	AW	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	11/17/21	AW	5
Toluene	18.8	1.33	1.33	70.8	5.01	5.01	11/17/21	AW	5
Trans-1,2-Dichloroethene	2.41	1.26	1.26	9.5	4.99	4.99	11/17/21	AW	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/17/21	AW	5
Trichloroethene	9.08	0.186	0.186	48.8	1.00	1.00	11/17/21	AW	5
Trichlorofluoromethane	3.27	0.891	0.891	18.4	5.00	5.00	11/17/21	AW	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	11/17/21	AW	5
Vinyl Chloride	2.06	0.391	0.391	5.26	1.00	1.00	11/17/21	AW	5
<u>QA/OC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	104	%	%	104	%	%	11/17/21	AW	5
% IS-1,4-Difluorobenzene (5x)	92	%	%	92	%	%	11/17/21	AW	5
% IS-Bromochloromethane (5x)	92	%	%	92	%	%	11/17/21	AW	5
% IS-Chlorobenzene-d5 (5x)	92	%	%	92	%	%	11/17/21	AW	5
% Bromofluorobenzene (100x)	98	%	%	98	%	%	11/18/21	AW	100
% IS-1,4-Difluorobenzene (100x)	101	%	%	101	%	%	11/18/21	AW	100
% IS-Bromochloromethane (100x)	101	%	%	101	%	%	11/18/21	AW	100
% IS-Chlorobenzene-d5 (100x)	101	%	%	101	%	%	11/18/21	AW	100

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

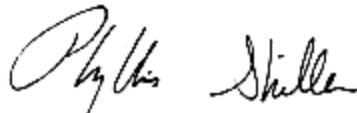
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 21365

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 12:30
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80290

Project ID: 586 RIVER AVE
Client ID: SV-16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/17/21	AW	5
1,1,1-Trichloroethane	1680	16.5	16.5	9160	90.0	90.0	11/18/21	AW	90
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/17/21	AW	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/17/21	AW	5
1,1-Dichloroethane	121	1.24	1.24	489	5.02	5.02	11/17/21	AW	5
1,1-Dichloroethene	17.7	0.252	0.252	70.1	1.00	1.00	11/17/21	AW	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	11/17/21	AW	5
1,2,4-Trimethylbenzene	3.99	1.02	1.02	19.6	5.01	5.01	11/17/21	AW	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	11/17/21	AW	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/17/21	AW	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	11/17/21	AW	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	11/17/21	AW	5
1,3,5-Trimethylbenzene	1.53	1.02	1.02	7.52	5.01	5.01	11/17/21	AW	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	11/17/21	AW	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/17/21	AW	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	11/17/21	AW	5
4-Ethyltoluene	3.82	1.02	1.02	18.8	5.01	5.01	11/17/21	AW	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	11/17/21	AW	5
Acetone	60.6	2.11	2.11	144	5.01	5.01	11/17/21	AW	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	11/17/21	AW	5
Benzene	4.88	1.57	1.57	15.6	5.01	5.01	11/17/21	AW	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	11/17/21	AW	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	11/17/21	AW	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	11/17/21	AW	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	11/17/21	AW	5
Carbon Disulfide	11.2	1.61	1.61	34.9	5.01	5.01	11/17/21	AW	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	11/17/21	AW	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	11/17/21	AW	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	11/17/21	AW	5
Chloroform	11.7	1.02	1.02	57.1	4.98	4.98	11/17/21	AW	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	11/17/21	AW	5
Cis-1,2-Dichloroethene	0.905	0.252	0.252	3.59	1.00	1.00	11/17/21	AW	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/17/21	AW	5
Cyclohexane	7.83	1.45	1.45	26.9	4.99	4.99	11/17/21	AW	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	11/17/21	AW	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	11/17/21	AW	5
Ethanol	84.6	2.66	2.66	159	5.01	5.01	11/17/21	AW	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
Ethylbenzene	40.8	1.15	1.15	177	4.99	4.99	11/17/21	AW	5
Heptane	24.7	1.22	1.22	101	5.00	5.00	11/17/21	AW	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	11/17/21	AW	5
Hexane	73.9	1.42	1.42	260	5.00	5.00	11/17/21	AW	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	11/17/21	AW	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/17/21	AW	5
m,p-Xylene	164	1.15	1.15	712	4.99	4.99	11/17/21	AW	5
Methyl Ethyl Ketone	36.4	1.70	1.70	107	5.01	5.01	11/17/21	AW	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	11/17/21	AW	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	11/17/21	AW	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
o-Xylene	39.4	1.15	1.15	171	4.99	4.99	11/17/21	AW	5
Propylene	49.1	2.91	2.91	84.5	5.01	5.01	11/17/21	AW	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/17/21	AW	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	11/17/21	AW	5
Tetrachloroethene	1.05	0.184	0.184	7.12	1.25	1.25	11/17/21	AW	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	11/17/21	AW	5
Toluene	14.3	1.33	1.33	53.9	5.01	5.01	11/17/21	AW	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/17/21	AW	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/17/21	AW	5
Trichloroethene	82.2	0.186	0.186	441	1.00	1.00	11/17/21	AW	5
Trichlorofluoromethane	1.25	0.891	0.891	7.02	5.00	5.00	11/17/21	AW	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	11/17/21	AW	5
Vinyl Chloride	ND	0.391	0.391	ND	1.00	1.00	11/17/21	AW	5
<u>QA/OC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	101	%	%	101	%	%	11/17/21	AW	5
% IS-1,4-Difluorobenzene (5x)	92	%	%	92	%	%	11/17/21	AW	5
% IS-Bromochloromethane (5x)	92	%	%	92	%	%	11/17/21	AW	5
% IS-Chlorobenzene-d5 (5x)	101	%	%	101	%	%	11/17/21	AW	5
% Bromofluorobenzene (90x)	97	%	%	97	%	%	11/18/21	AW	90
% IS-1,4-Difluorobenzene (90x)	105	%	%	105	%	%	11/18/21	AW	90
% IS-Bromochloromethane (90x)	106	%	%	106	%	%	11/18/21	AW	90
% IS-Chlorobenzene-d5 (90x)	104	%	%	104	%	%	11/18/21	AW	90

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

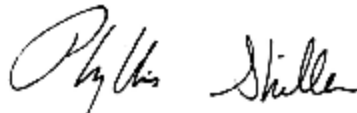
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 19924

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 9:40
11/17/21 16:50

Time

Project ID: 586 RIVER AVE
Client ID: AA-CB

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80291

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/21	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/21	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/21	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/17/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/17/21	KCA	1
1,2,4-Trimethylbenzene	0.239	0.204	0.204	1.17	1.00	1.00	11/17/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/21	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/17/21	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/17/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/17/21	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
4-Methyl-2-pentanone(MIBK)	0.382	0.244	0.244	1.56	1.00	1.00	11/17/21	KCA	1
Acetone	20.6	0.421	0.421	48.9	1.00	1.00	11/17/21	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/17/21	KCA	1
Benzene	0.447	0.313	0.313	1.43	1.00	1.00	11/17/21	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/17/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/17/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/17/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/17/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/17/21	KCA	1
Carbon Tetrachloride	0.091	0.032	0.032	0.57	0.20	0.20	11/17/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/17/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/17/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/17/21	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/17/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/17/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/21	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/17/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/17/21	KCA	1
Dichlorodifluoromethane	0.506	0.202	0.202	2.50	1.00	1.00	11/17/21	KCA	1
Ethanol	12.3	0.531	0.531	23.2	1.00	1.00	11/17/21	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/17/21	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/17/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/17/21	KCA	1
Hexane	0.306	0.284	0.284	1.08	1.00	1.00	11/17/21	KCA	1
Isopropylalcohol	0.974	0.407	0.407	2.39	1.00	1.00	11/17/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
m,p-Xylene	0.595	0.230	0.230	2.58	1.00	1.00	11/17/21	KCA	1
Methyl Ethyl Ketone	1.27	0.339	0.339	3.74	1.00	1.00	11/17/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/17/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/17/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/17/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/17/21	KCA	1
Tetrachloroethene	0.055	0.037	0.037	0.37	0.25	0.25	11/17/21	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/17/21	KCA	1
Toluene	0.794	0.266	0.266	2.99	1.00	1.00	11/17/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/17/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	11/17/21	KCA	1
Trichlorofluoromethane	0.250	0.178	0.178	1.40	1.00	1.00	11/17/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/17/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/17/21	KCA	1
<u>QA/OC Surrogates/Internals</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/17/21	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	11/17/21	KCA	1
% IS-Bromochloromethane	93	%	%	93	%	%	11/17/21	KCA	1
% IS-Chlorobenzene-d5	95	%	%	95	%	%	11/17/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

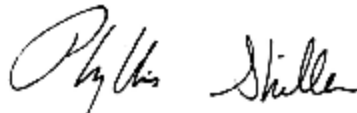
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 19969

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 9:30
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80292

Project ID: 586 RIVER AVE
Client ID: AA-02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/21	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/21	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/21	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/17/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/17/21	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/21	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/17/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/17/21	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/17/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/21	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/17/21	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/17/21	KCA	1
Acetone	2.36	0.421	0.421	5.60	1.00	1.00	11/17/21	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/17/21	KCA	1
Benzene	0.336	0.313	0.313	1.07	1.00	1.00	11/17/21	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/17/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/17/21	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/17/21	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/17/21	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/17/21	KCA	1
Carbon Tetrachloride	0.078	0.032	0.032	0.49	0.20	0.20	11/17/21	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/17/21	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/17/21	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/17/21	KCA	1
Chloromethane	0.517	0.485	0.485	1.07	1.00	1.00	11/17/21	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/17/21	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/21	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/17/21	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/17/21	KCA	1
Dichlorodifluoromethane	0.511	0.202	0.202	2.53	1.00	1.00	11/17/21	KCA	1
Ethanol	11.6	0.531	0.531	21.8	1.00	1.00	11/17/21	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/17/21	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/17/21	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/17/21	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	11/17/21	KCA	1
Isopropylalcohol	2.02	0.407	0.407	4.96	1.00	1.00	11/17/21	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/21	KCA	1
m,p-Xylene	0.646	0.230	0.230	2.80	1.00	1.00	11/17/21	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	11/17/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/17/21	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/17/21	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/17/21	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/17/21	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/21	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/17/21	KCA	1
Tetrachloroethene	0.066	0.037	0.037	0.45	0.25	0.25	11/17/21	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/17/21	KCA	1
Toluene	0.520	0.266	0.266	1.96	1.00	1.00	11/17/21	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/17/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/21	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	11/17/21	KCA	1
Trichlorofluoromethane	0.241	0.178	0.178	1.35	1.00	1.00	11/17/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/17/21	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/17/21	KCA	1
<u>QA/OC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	11/17/21	KCA	1
% IS-1,4-Difluorobenzene	92	%	%	92	%	%	11/17/21	KCA	1
% IS-Bromochloromethane	92	%	%	92	%	%	11/17/21	KCA	1
% IS-Chlorobenzene-d5	91	%	%	91	%	%	11/17/21	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

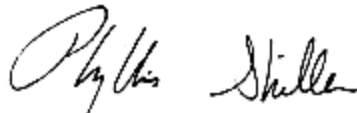
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: AIR
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00
Canister Id: 217

Custody Information

Collected by: JB
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:50
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80293

Project ID: 586 RIVER AVE
Client ID: SV-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	11/17/21	AW	5	1
1,1,1-Trichloroethane	610	5.50	3330	30.0	11/18/21	AW	30	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	11/17/21	AW	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	11/17/21	AW	5	
1,1-Dichloroethane	21.4	1.24	86.6	5.02	11/17/21	AW	5	
1,1-Dichloroethene	16.4	0.252	65.0	1.00	11/17/21	AW	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	11/17/21	AW	5	
1,2,4-Trimethylbenzene	1.88	1.02	9.24	5.01	11/17/21	AW	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	11/17/21	AW	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	11/17/21	AW	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	11/17/21	AW	5	
1,2-dichloropropane	ND	1.08	ND	4.99	11/17/21	AW	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	11/17/21	AW	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	11/17/21	AW	5	
1,3-Butadiene	ND	2.26	ND	5.00	11/17/21	AW	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	11/17/21	AW	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	11/17/21	AW	5	
1,4-Dioxane	ND	1.39	ND	5.01	11/17/21	AW	5	
2-Hexanone(MBK)	1.67	1.22	6.84	4.99	11/17/21	AW	5	1
4-Ethyltoluene	2.24	1.02	11.0	5.01	11/17/21	AW	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	11/17/21	AW	5	1
4-Methyl-2-pentanone(MIBK)	6.86	1.22	28.1	4.99	11/17/21	AW	5	
Acetone	36.7	2.11	87.1	5.01	11/17/21	AW	5	
Acrylonitrile	ND	2.31	ND	5.01	11/17/21	AW	5	
Benzene	2.80	1.57	8.94	5.01	11/17/21	AW	5	
Benzyl chloride	ND	0.966	ND	5.00	11/17/21	AW	5	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	11/17/21	AW	5	
Bromoform	ND	0.484	ND	5.00	11/17/21	AW	5	
Bromomethane	ND	1.29	ND	5.01	11/17/21	AW	5	
Carbon Disulfide	3.68	1.61	11.5	5.01	11/17/21	AW	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	11/17/21	AW	5	
Chlorobenzene	ND	1.09	ND	5.01	11/17/21	AW	5	
Chloroethane	ND	1.90	ND	5.01	11/17/21	AW	5	
Chloroform	4.11	1.02	20.1	4.98	11/17/21	AW	5	
Chloromethane	ND	2.42	ND	4.99	11/17/21	AW	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	11/17/21	AW	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	11/17/21	AW	5	
Cyclohexane	6.38	1.45	21.9	4.99	11/17/21	AW	5	
Dibromochloromethane	ND	0.587	ND	5.00	11/17/21	AW	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	11/17/21	AW	5	
Ethanol	86.0	2.66	162	5.01	11/17/21	AW	5	1
Ethyl acetate	ND	1.39	ND	5.01	11/17/21	AW	5	1
Ethylbenzene	3.53	1.15	15.3	4.99	11/17/21	AW	5	
Heptane	4.71	1.22	19.3	5.00	11/17/21	AW	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	11/17/21	AW	5	
Hexane	9.74	1.42	34.3	5.00	11/17/21	AW	5	
Isopropylalcohol	2.54	2.04	6.24	5.01	11/17/21	AW	5	
Isopropylbenzene	ND	1.02	ND	5.01	11/17/21	AW	5	
m,p-Xylene	11.6	1.15	50.3	4.99	11/17/21	AW	5	
Methyl Ethyl Ketone	25.0	1.70	73.7	5.01	11/17/21	AW	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	11/17/21	AW	5	
Methylene Chloride	ND	4.32	ND	15.0	11/17/21	AW	5	
n-Butylbenzene	ND	0.911	ND	5.00	11/17/21	AW	5	1
o-Xylene	3.09	1.15	13.4	4.99	11/17/21	AW	5	
Propylene	ND	2.91	ND	5.01	11/17/21	AW	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	11/17/21	AW	5	1
Styrene	ND	1.17	ND	4.98	11/17/21	AW	5	
Tetrachloroethene	3.53	0.184	23.9	1.25	11/17/21	AW	5	
Tetrahydrofuran	ND	1.70	ND	5.01	11/17/21	AW	5	1
Toluene	14.4	1.33	54.2	5.01	11/17/21	AW	5	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	11/17/21	AW	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	11/17/21	AW	5	
Trichloroethene	1.08	0.186	5.80	1.00	11/17/21	AW	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	11/17/21	AW	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	11/17/21	AW	5	
Vinyl Chloride	ND	0.391	ND	1.00	11/17/21	AW	5	
<u>QA/OC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	103	%	103	%	11/17/21	AW	5	
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	11/17/21	AW	5	
% IS-Bromochloromethane (5x)	97	%	97	%	11/17/21	AW	5	
% IS-Chlorobenzene-d5 (5x)	97	%	97	%	11/17/21	AW	5	
% Bromofluorobenzene (30x)	98	%	98	%	11/18/21	AW	30	
% IS-1,4-Difluorobenzene (30x)	117	%	117	%	11/18/21	AW	30	
% IS-Bromochloromethane (30x)	112	%	112	%	11/18/21	AW	30	
% IS-Chlorobenzene-d5 (30x)	113	%	113	%	11/18/21	AW	30	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

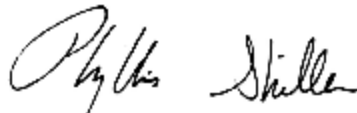
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 10:10
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80294

Project ID: 586 RIVER AVE
Client ID: GZ-16 (9.5-10`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	7050	57	7.6	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	0.79	0.76	0.76	mg/Kg	1	11/19/21	TH	SW6010D
Barium	27.9	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.42	0.30	0.15	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	681	5.7	3.5	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	0.75	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	5.73	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	10.3	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Copper	8.6	0.8	0.38	mg/kg	1	11/19/21	TH	SW6010D
Iron	10900	57	38	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1200	5.7	2.9	mg/Kg	1	11/19/21	EK	SW6010D
Magnesium	2380	5.7	3.8	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	99.9	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Sodium	125	5.7	3.2	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	10.5	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Lead	13.8	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.8	3.8	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.4	1.5	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	14.4	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	21.0	0.8	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	86			%		11/17/21	Q	SW846-%Solid
Field Extraction	Completed					11/17/21		SW5035A
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloroethane	ND	1200	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloroethene	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	98000	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	43000	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	600	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	600	ug/Kg	1000	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Hexanone	ND	30000	6000	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
4-Chlorotoluene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	30000	6000	ug/Kg	1000	11/20/21	JLI	SW8260C
Acetone	ND	6000	6000	ug/Kg	1000	11/20/21	JLI	SW8260C
Acrylonitrile	ND	12000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Benzene	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromobenzene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromochloromethane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromoform	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromomethane	ND	6000	2400	ug/Kg	1000	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	1200	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Chlorobenzene	ND	1100	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloroethane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloroform	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloromethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Dibromomethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Ethylbenzene	10000	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	3300	3100	600	ug/Kg	1000	11/20/21	JLI	SW8260C
m&p-Xylene	12000	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	2400	2400	ug/Kg	1000	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	1200	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Methylene chloride	ND	2400	2400	ug/Kg	1000	11/20/21	JLI	SW8260C
Naphthalene	23000	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
n-Butylbenzene	12000	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
n-Propylbenzene	12000	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
o-Xylene	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
p-Isopropyltoluene	4800	4600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
sec-Butylbenzene	4700	4600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Styrene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	5900	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	1300	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12000	3000	ug/Kg	1000	11/20/21	JLI	SW8260C
Toluene	ND	700	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Total Xylenes	12000	6000	6000	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12000	3000	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichloroethene	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	6000	1200	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	6000	600	ug/Kg	1000	11/20/21	JLI	SW8260C
Vinyl chloride	ND	600	600	ug/Kg	1000	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (1000x)	99			%	1000	11/20/21	JLI	70 - 130 %
% Bromofluorobenzene (1000x)	96			%	1000	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane (1000x)	96			%	1000	11/20/21	JLI	70 - 130 %
% Toluene-d8 (1000x)	98			%	1000	11/20/21	JLI	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	92	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	610	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	270	77	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	770	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	380	140	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	380	94	ug/Kg	1	11/18/21	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	123			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	79			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	74			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	89			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	83			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	99			%	1	11/18/21	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:

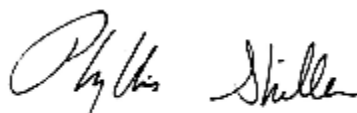
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

10:35
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80295

Project ID: 586 RIVER AVE
Client ID: GZ-17 (8`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
2-Hexanone	ND	25	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
Acetone	ND	25	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
Acrylonitrile	ND	9.8	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Benzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Bromobenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Bromoform	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Bromomethane	ND	4.9	2.0	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroform	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Chloromethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromomethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
m&p-Xylene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.8	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Methylene chloride	ND	9.8	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
Naphthalene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
n-Propylbenzene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
o-Xylene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.8	2.5	ug/Kg	1	11/20/21	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Total Xylenes	ND	4.9	4.9	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.8	2.5	ug/Kg	1	11/20/21	JLI	SW8260C
Trichloroethene	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.98	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/20/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95			%	1	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/20/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/20/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

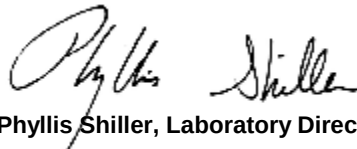
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 10:35
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80296

Project ID: 586 RIVER AVE
Client ID: GZ-17 (6-8`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	6380	48	6.4	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	1.17	0.64	0.64	mg/Kg	1	11/19/21	TH	SW6010D
Barium	28.4	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.38	0.26	0.13	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	774	4.8	2.9	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	0.86	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	5.12	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	10.8	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Copper	6.2	0.6	0.32	mg/kg	1	11/19/21	TH	SW6010D
Iron	13600	48	32	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	957	4.8	2.5	mg/Kg	1	11/19/21	EK	SW6010D
Magnesium	2160	4.8	3.2	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	440	3.2	3.2	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	183	4.8	2.8	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	9.97	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Lead	4.91	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.2	3.2	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.3	1.1	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	2.9	1.3	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	15.9	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	19.7	0.6	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	94			%		11/17/21	Q	SW846-%Solid
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	84	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	250	98	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	92	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	350	180	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitrophenol	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	250	170	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	350	100	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	560	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	250	70	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	700	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	350	95	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	350	100	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	350	99	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	350	110	ug/Kg	1	11/18/21	WB	SW8270D
Pentachlorophenol	ND	350	130	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	350	87	ug/Kg	1	11/18/21	WB	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	108			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	78			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	67			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	83			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	75			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	89			%	1	11/18/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

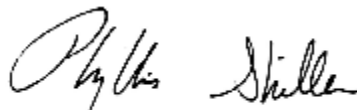
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

10:55
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80297

Project ID: 586 RIVER AVE
Client ID: GZ-18 (2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
Acetone	ND	21	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
Acrylonitrile	ND	8.3	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Benzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Bromobenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Bromoform	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Bromomethane	ND	4.2	1.7	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroform	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Chloromethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromomethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
m&p-Xylene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.3	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Methylene chloride	ND	8.3	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
Naphthalene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
o-Xylene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.3	2.1	ug/Kg	1	11/20/21	JLI	SW8260C
Toluene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Total Xylenes	ND	4.2	4.2	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.3	2.1	ug/Kg	1	11/20/21	JLI	SW8260C
Trichloroethene	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.83	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/20/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93			%	1	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/20/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/20/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

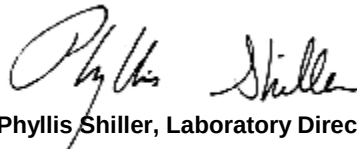
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 10:55
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80298

Project ID: 586 RIVER AVE
Client ID: GZ-18 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	16000	52	6.9	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	3.56	0.69	0.69	mg/Kg	1	11/19/21	TH	SW6010D
Barium	121	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.65	0.28	0.14	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	3090	5.2	3.2	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	1.62	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	10.6	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	49.5	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Copper	24.1	0.7	0.35	mg/kg	1	11/19/21	TH	SW6010D
Iron	23800	52	35	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.08	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1590	5.2	2.7	mg/Kg	1	11/19/21	EK	SW6010D
Magnesium	4110	5.2	3.5	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	465	3.5	3.5	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	582	5.2	3.0	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	20.3	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Lead	149	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.1	1.4	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	42.4	0.35	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	84.9	0.7	0.35	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	85			%		11/17/21	Q	SW846-%Solid
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitrophenol	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	620	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	270	77	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	780	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	270	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	700	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	530	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	410	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	510	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	770	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	830	270	130	ug/Kg	1	11/18/21	WB	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	1300	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	440	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	270	140	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	11/18/21	WB	SW8270D
Pentachlorophenol	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	890	270	110	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	1400	270	130	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	390	95	ug/Kg	1	11/18/21	WB	SW8270D
<u>QA/OC Surrogates</u>								
% 2,4,6-Tribromophenol	113			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	80			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	67			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	89			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	77			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	86			%	1	11/18/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

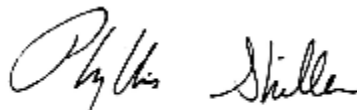
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:35
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80299

Project ID: 586 RIVER AVE
Client ID: GZ-22 (1')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloroethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloroethene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloropropene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dibromoethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichloroethane	ND	22	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichloropropane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
1,3-Dichloropropane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
2,2-Dichloropropane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
2-Chlorotoluene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
2-Hexanone	ND	1100	220	ug/Kg	50	11/19/21	JLI	SW8260C
2-Isopropyltoluene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	1100	220	ug/Kg	50	11/19/21	JLI	SW8260C
Acetone	ND	220	220	ug/Kg	50	11/19/21	JLI	SW8260C
Acrylonitrile	ND	450	22	ug/Kg	50	11/19/21	JLI	SW8260C
Benzene	ND	60	22	ug/Kg	50	11/19/21	JLI	SW8260C
Bromobenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Bromochloromethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Bromodichloromethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Bromoform	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Bromomethane	ND	220	89	ug/Kg	50	11/19/21	JLI	SW8260C
Carbon Disulfide	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Carbon tetrachloride	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Chlorobenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Chloroethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Chloroform	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Chloromethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Dibromochloromethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Dibromomethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Dichlorodifluoromethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Ethylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Hexachlorobutadiene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Isopropylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
m&p-Xylene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	120	120	ug/Kg	50	11/19/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	450	45	ug/Kg	50	11/19/21	JLI	SW8260C
Methylene chloride	ND	89	89	ug/Kg	50	11/19/21	JLI	SW8260C
Naphthalene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
n-Butylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
n-Propylbenzene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
o-Xylene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
p-Isopropyltoluene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
sec-Butylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Styrene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
tert-Butylbenzene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Tetrachloroethene	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	450	110	ug/Kg	50	11/19/21	JLI	SW8260C
Toluene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Total Xylenes	ND	220	220	ug/Kg	50	11/19/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	22	ug/Kg	50	11/19/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	450	110	ug/Kg	50	11/19/21	JLI	SW8260C
Trichloroethene	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Trichlorofluoromethane	ND	220	45	ug/Kg	50	11/19/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	220	22	ug/Kg	50	11/19/21	JLI	SW8260C
Vinyl chloride	ND	22	22	ug/Kg	50	11/19/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	100			%	50	11/19/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	96			%	50	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	92			%	50	11/19/21	JLI	70 - 130 %
% Toluene-d8 (50x)	95	⊖		%	50	11/19/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:

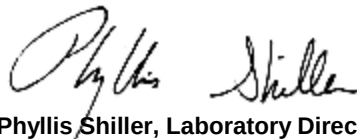
Elevated reporting limits for volatiles due to the presence of non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

11:35
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80300

Project ID: 586 RIVER AVE
Client ID: GZ-22 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	14500	47	6.3	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	4.58	0.63	0.63	mg/Kg	1	11/19/21	TH	SW6010D
Barium	95.6	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.42	0.25	0.13	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	5410	4.7	2.9	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	2.24	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	13.6	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	30.7	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Copper	66.2	0.6	0.32	mg/kg	1	11/19/21	TH	SW6010D
Iron	32600	47	32	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.13	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	2630	4.7	2.5	mg/Kg	1	11/19/21	EK	SW6010D
Magnesium	5600	47	32	mg/Kg	10	11/18/21	TH	SW6010D
Manganese	297	3.2	3.2	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	1140	4.7	2.7	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	22.9	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Lead	1030	3.2	3.2	mg/Kg	10	11/18/21	TH	SW6010D
Antimony	ND	3.2	3.2	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.3	1.1	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	2.8	1.3	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	82.3	0.32	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	201	0.6	0.32	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	93			%		11/17/21	Q	SW846-%Solid
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	85	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	250	98	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	92	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	350	180	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	1700	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitrophenol	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	250	170	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	350	100	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	560	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	250	71	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	250	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	710	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	350	95	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	5400	350	100	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	290	250	120	ug/Kg	1	11/18/21	WB	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	880	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	350	99	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	350	110	ug/Kg	1	11/18/21	WB	SW8270D
Pentachlorophenol	ND	350	130	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	290	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	330	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	350	87	ug/Kg	1	11/18/21	WB	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	88			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	73			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	132			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	77			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	52			%	1	11/18/21	WB	30 - 130 %

3

Nitrobenzene-d5 high, flag BN Positives J

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

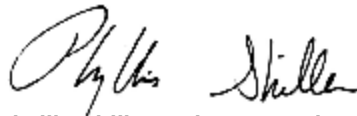
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:55
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80301

Project ID: 586 RIVER AVE
Client ID: GZ-15 (3`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	180	180	20	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethane	120	110	40	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
2-Hexanone	ND	23	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
Acetone	ND	23	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
Acrylonitrile	ND	9.0	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Benzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Bromobenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Bromochloromethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Bromoform	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Bromomethane	ND	4.5	1.8	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Chlorobenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroform	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Chloromethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	100	97	20	ug/Kg	50	11/19/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromomethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Ethylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Isopropylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
m&p-Xylene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.0	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Methylene chloride	ND	9.0	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
Naphthalene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
n-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
n-Propylbenzene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
o-Xylene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
p-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
sec-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Styrene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.0	2.3	ug/Kg	1	11/20/21	JLI	SW8260C
Toluene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Total Xylenes	ND	4.5	4.5	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.0	2.3	ug/Kg	1	11/20/21	JLI	SW8260C
Trichloroethene	150	150	20	ug/Kg	50	11/19/21	JLI	SW8260C
Trichlorofluoromethane	ND	4.5	0.90	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
Vinyl chloride	ND	4.5	0.45	ug/Kg	1	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/20/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93			%	1	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/20/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	11/20/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	98			%	50	11/19/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	92			%	50	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	90			%	50	11/19/21	JLI	70 - 130 %
% Toluene-d8 (50x)	96			%	50	11/19/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

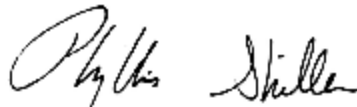
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:55
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80302

Project ID: 586 RIVER AVE
Client ID: GZ-15 (2-4`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	6120	55	7.3	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	13.7	0.73	0.73	mg/Kg	1	11/19/21	TH	SW6010D
Barium	68.3	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.55	0.29	0.15	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	16300	55	34	mg/Kg	10	11/18/21	TH	SW6010D
Cadmium	1.07	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	6.73	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	13.3	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Copper	29.7	0.7	0.36	mg/kg	1	11/19/21	TH	SW6010D
Iron	17400	55	36	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.56	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	795	5.5	2.8	mg/Kg	1	11/19/21	EK	SW6010D
Magnesium	3620	5.5	3.6	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	145	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Sodium	467	5.5	3.1	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	16.3	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Lead	56.4	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.3	1.5	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	22.9	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	53.7	0.7	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	88			%		11/17/21	Q	SW846-%Solid
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	90	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	370	190	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitrophenol	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	600	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	260	75	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	750	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	370	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	310	260	130	ug/Kg	1	11/18/21	WB	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	370	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
Pentachlorophenol	ND	370	140	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	270	260	130	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	370	92	ug/Kg	1	11/18/21	WB	SW8270D
<u>QA/OC Surrogates</u>								
% 2,4,6-Tribromophenol	87			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	59			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	80			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	69			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	98			%	1	11/18/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

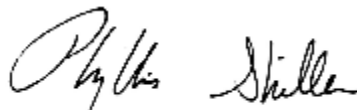
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

11/17/21 12:10
11/17/21 16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80303

Project ID: 586 RIVER AVE
Client ID: GZ-21 (3`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,1-Trichloroethane	5600	2300	230	ug/Kg	500	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloroethane	3200	2300	460	ug/Kg	500	11/20/21	JLI	SW8260C
1,1-Dichloroethene	110	100	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,1-Dichloropropene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dibromoethane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichloroethane	ND	23	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,2-Dichloropropane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
1,3-Dichloropropane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
2,2-Dichloropropane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
2-Chlorotoluene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
2-Hexanone	ND	1100	230	ug/Kg	50	11/19/21	JLI	SW8260C
2-Isopropyltoluene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	1100	230	ug/Kg	50	11/19/21	JLI	SW8260C
Acetone	ND	230	230	ug/Kg	50	11/19/21	JLI	SW8260C
Acrylonitrile	ND	460	23	ug/Kg	50	11/19/21	JLI	SW8260C
Benzene	ND	60	23	ug/Kg	50	11/19/21	JLI	SW8260C
Bromobenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Bromochloromethane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Bromodichloromethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Bromoform	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Bromomethane	ND	230	91	ug/Kg	50	11/19/21	JLI	SW8260C
Carbon Disulfide	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Carbon tetrachloride	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Chlorobenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Chloroethane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Chloroform	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Chloromethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
cis-1,2-Dichloroethene	32000	2300	230	ug/Kg	500	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Dibromochloromethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Dibromomethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Dichlorodifluoromethane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Ethylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Hexachlorobutadiene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Isopropylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
m&p-Xylene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	120	120	ug/Kg	50	11/19/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	460	46	ug/Kg	50	11/19/21	JLI	SW8260C
Methylene chloride	ND	91	91	ug/Kg	50	11/19/21	JLI	SW8260C
Naphthalene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
n-Butylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
n-Propylbenzene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
o-Xylene	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
p-Isopropyltoluene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
sec-Butylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Styrene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
tert-Butylbenzene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Tetrachloroethene	170	170	46	ug/Kg	50	11/19/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	460	110	ug/Kg	50	11/19/21	JLI	SW8260C
Toluene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Total Xylenes	ND	230	230	ug/Kg	50	11/19/21	JLI	SW8260C
trans-1,2-Dichloroethene	370	230	230	ug/Kg	500	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	460	110	ug/Kg	50	11/19/21	JLI	SW8260C
Trichloroethene	44000	2300	230	ug/Kg	500	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	230	46	ug/Kg	50	11/19/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	230	23	ug/Kg	50	11/19/21	JLI	SW8260C
Vinyl chloride	ND	23	23	ug/Kg	50	11/19/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	11/19/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	92			%	50	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93			%	50	11/19/21	JLI	70 - 130 %
% Toluene-d8 (50x)	103			%	50	11/19/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (500x)	99			%	500	11/20/21	JLI	70 - 130 %
% Bromofluorobenzene (500x)	93			%	500	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane (500x)	99			%	500	11/20/21	JLI	70 - 130 %
% Toluene-d8 (500x)	96			%	500	11/20/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:

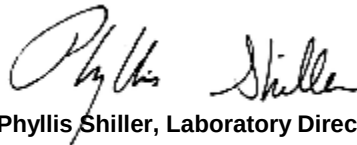
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 12:10
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80304

Project ID: 586 RIVER AVE
Client ID: GZ-21 (2-4`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	12200	54	7.2	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	5.43	0.72	0.72	mg/Kg	1	11/19/21	TH	SW6010D
Barium	111	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.54	0.29	0.14	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	5630	5.4	3.3	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	1.65	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	10.3	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	19.7	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Copper	44.7	0.7	0.36	mg/kg	1	11/19/21	TH	SW6010D
Iron	25300	54	36	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.70	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	2570	5.4	2.8	mg/Kg	1	11/19/21	TH	SW6010D
Magnesium	3330	5.4	3.6	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	436	3.6	3.6	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	840	5.4	3.1	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	18.7	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Lead	197	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.2	1.4	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	29.7	0.36	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	142	0.7	0.36	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	87			%		11/17/21	Q	SW846-%Solid
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	90	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	370	190	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitrophenol	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	600	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	260	75	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	830	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	400	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	1700	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	11000	2600	1300	ug/Kg	10	11/18/21	WB	SW8270D
Benzidine	ND	260	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	6900	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	5900	260	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	3600	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	3800	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	750	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	370	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	380	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	13000	2600	1300	ug/Kg	10	11/18/21	WB	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	1200	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	370	150	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	17000	2600	1200	ug/Kg	10	11/18/21	WB	SW8270D
Fluorene	810	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	3600	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	280	260	110	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	370	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	370	110	ug/Kg	1	11/18/21	WB	SW8270D
Pentachlorophenol	ND	370	140	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	16000	2600	1100	ug/Kg	10	11/18/21	WB	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	23000	2600	1300	ug/Kg	10	11/18/21	WB	SW8270D
Pyridine	ND	370	92	ug/Kg	1	11/18/21	WB	SW8270D
<u>QA/OC Surrogates</u>								
% 2,4,6-Tribromophenol	94			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	62			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	80			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	69			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	89			%	1	11/18/21	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

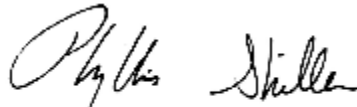
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 8:55
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80305

Project ID: 586 RIVER AVE
Client ID: CB-01

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
2-Hexanone	ND	28	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
Acetone	ND	28	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
Acrylonitrile	ND	11	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Benzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Bromobenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Bromoform	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Bromomethane	ND	5.6	2.2	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Chloroform	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Chloromethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Dibromomethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Methylene chloride	ND	11	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
Naphthalene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
o-Xylene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Styrene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	11/20/21	JLI	SW8260C
Toluene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Total Xylenes	ND	5.6	5.6	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	11/20/21	JLI	SW8260C
Trichloroethene	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/20/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	91			%	1	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	11/20/21	JLI	70 - 130 %
% Toluene-d8	95			%	1	11/20/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

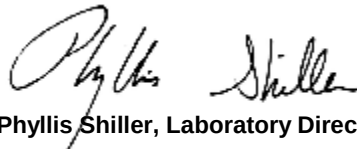
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 12:25
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80306

Project ID: 586 RIVER AVE
Client ID: GZ-20 (7.5`)/(5.5-7.5`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	12900	57	7.6	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	1.31	0.76	0.76	mg/Kg	1	11/19/21	TH	SW6010D
Barium	42.0	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.47	0.30	0.15	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	824	5.7	3.5	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	1.04	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	5.44	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	18.8	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Copper	8.1	0.8	0.38	mg/kg	1	11/19/21	TH	SW6010D
Iron	15800	57	38	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1170	5.7	3.0	mg/Kg	1	11/19/21	TH	SW6010D
Magnesium	2360	5.7	3.8	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	339	3.8	3.8	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	153	5.7	3.3	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	13.3	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Lead	4.45	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.8	3.8	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.4	1.5	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	19.5	0.38	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	29.1	0.8	0.38	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	93			%		11/17/21	Q	SW846-%Solid
Field Extraction	Completed					11/17/21		SW5035A
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
2-Chlorotoluene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
2-Hexanone	ND	25	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
Acetone	ND	25	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
Acrylonitrile	ND	9.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Benzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Bromobenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Bromodichloromethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Bromoform	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Bromomethane	ND	4.9	2.0	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon Disulfide	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon tetrachloride	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroform	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Chloromethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromochloromethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromomethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
m&p-Xylene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Methylene chloride	ND	9.9	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
Naphthalene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
n-Propylbenzene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
o-Xylene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	11/19/21	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Total Xylenes	ND	4.9	4.9	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.9	2.5	ug/Kg	1	11/19/21	JLI	SW8260C
Trichloroethene	6.6	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	11/19/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/19/21	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/19/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/19/21	JLI	70 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	85	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	250	98	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	92	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	350	180	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	250	170	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	350	100	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	560	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	250	71	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	710	140	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	350	95	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	350	100	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	250	99	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	350	99	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	350	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	350	110	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	350	130	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	350	87	ug/Kg	1	11/18/21	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	115			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	65			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	82			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	74			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	90			%	1	11/18/21	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

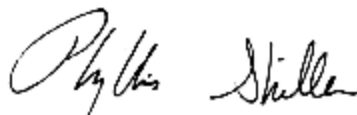
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

11/17/21 12:45
11/17/21 16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80307

Project ID: 586 RIVER AVE
Client ID: GZ-23 (3`)/(2-4`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	13600	55	7.3	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	2.32	0.73	0.73	mg/Kg	1	11/19/21	TH	SW6010D
Barium	64.5	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.37	0.29	0.15	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	1840	5.5	3.4	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	1.10	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	6.31	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	21.8	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Copper	24.8	0.7	0.37	mg/kg	1	11/19/21	TH	SW6010D
Iron	14600	55	37	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.11	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1590	5.5	2.9	mg/Kg	1	11/19/21	TH	SW6010D
Magnesium	2900	5.5	3.7	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	354	3.7	3.7	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	149	5.5	3.2	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	14.1	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Lead	49.3	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.7	3.7	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.3	1.5	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	23.8	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	60.6	0.7	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	91			%		11/17/21	Q	SW846-%Solid
Field Extraction	Completed					11/17/21		SW5035A
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
2-Hexanone	ND	26	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
Acetone	ND	26	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
Acrylonitrile	ND	11	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Benzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Bromobenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Bromoform	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Bromomethane	ND	5.3	2.1	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroform	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Chloromethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromomethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Methylene chloride	ND	11	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
o-Xylene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.6	ug/Kg	1	11/19/21	JLI	SW8260C
Toluene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Total Xylenes	ND	5.3	5.3	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.6	ug/Kg	1	11/19/21	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	11/19/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/19/21	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/19/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	11/19/21	JLI	70 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	2500	860	ug/Kg	10	11/18/21	PS	SW8270D
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
1,2-Dichlorobenzene	ND	1100	1000	ug/Kg	10	11/18/21	PS	SW8270D
1,2-Diphenylhydrazine	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
1,3-Dichlorobenzene	ND	2400	1100	ug/Kg	10	11/18/21	PS	SW8270D
1,4-Dichlorobenzene	ND	1800	1100	ug/Kg	10	11/18/21	PS	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
2,4,5-Trichlorophenol	ND	2500	940	ug/Kg	10	11/18/21	PS	SW8270D
2,4,6-Trichlorophenol	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	10	11/18/21	PS	SW8270D
2,4-Dimethylphenol	ND	2500	890	ug/Kg	10	11/18/21	PS	SW8270D
2,4-Dinitrophenol	ND	3600	1800	ug/Kg	10	11/18/21	PS	SW8270D
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	10	11/18/21	PS	SW8270D
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
2-Chloronaphthalene	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
2-Chlorophenol	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
2-Methylnaphthalene	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
2-Methylphenol (o-cresol)	ND	330	360	ug/Kg	10	11/18/21	PS	SW8270D
2-Nitroaniline	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	2500	1400	ug/Kg	10	11/18/21	PS	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
3,3'-Dichlorobenzidine	ND	2500	1700	ug/Kg	10	11/18/21	PS	SW8270D
3-Nitroaniline	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
4,6-Dinitro-2-methylphenol	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
4-Bromophenyl phenyl ether	ND	3600	1100	ug/Kg	10	11/18/21	PS	SW8270D
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	10	11/18/21	PS	SW8270D
4-Chloroaniline	ND	2500	1400	ug/Kg	10	11/18/21	PS	SW8270D
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
4-Nitroaniline	ND	5800	1200	ug/Kg	10	11/18/21	PS	SW8270D
4-Nitrophenol	ND	2500	720	ug/Kg	10	11/18/21	PS	SW8270D
Acenaphthene	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Acenaphthylene	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
Acetophenone	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Aniline	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
Anthracene	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
Benz(a)anthracene	ND	1000	1000	ug/Kg	10	11/18/21	PS	SW8270D
Benzidine	ND	2500	1400	ug/Kg	10	11/18/21	PS	SW8270D
Benzo(a)pyrene	ND	1000	1000	ug/Kg	10	11/18/21	PS	SW8270D
Benzo(b)fluoranthene	ND	1000	1000	ug/Kg	10	11/18/21	PS	SW8270D
Benzo(ghi)perylene	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
Benzo(k)fluoranthene	ND	800	800	ug/Kg	10	11/18/21	PS	SW8270D
Benzoic acid	ND	7200	1400	ug/Kg	10	11/18/21	PS	SW8270D
Benzyl butyl phthalate	ND	2500	930	ug/Kg	10	11/18/21	PS	SW8270D
Bis(2-chloroethoxy)methane	ND	2500	990	ug/Kg	10	11/18/21	PS	SW8270D
Bis(2-chloroethyl)ether	ND	3600	970	ug/Kg	10	11/18/21	PS	SW8270D
Bis(2-ethylhexyl)phthalate	ND	3600	1000	ug/Kg	10	11/18/21	PS	SW8270D
Carbazole	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
Chrysene	ND	1000	1000	ug/Kg	10	11/18/21	PS	SW8270D
Dibenz(a,h)anthracene	ND	330	360	ug/Kg	10	11/18/21	PS	SW8270D
Dibenzofuran	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Diethyl phthalate	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Dimethylphthalate	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Di-n-butylphthalate	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
Di-n-octylphthalate	ND	2500	930	ug/Kg	10	11/18/21	PS	SW8270D
Fluoranthene	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
Fluorene	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
Hexachlorobenzene	ND	330	360	ug/Kg	10	11/18/21	PS	SW8270D
Hexachlorobutadiene	ND	2500	1300	ug/Kg	10	11/18/21	PS	SW8270D
Hexachlorocyclopentadiene	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Hexachloroethane	ND	2500	1100	ug/Kg	10	11/18/21	PS	SW8270D
Indeno(1,2,3-cd)pyrene	ND	500	720	ug/Kg	10	11/18/21	PS	SW8270D
Isophorone	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
Naphthalene	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
Nitrobenzene	ND	2500	1300	ug/Kg	10	11/18/21	PS	SW8270D
N-Nitrosodimethylamine	ND	3600	1000	ug/Kg	10	11/18/21	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
N-Nitrosodiphenylamine	ND	3600	1400	ug/Kg	10	11/18/21	PS	SW8270D
Pentachloronitrobenzene	ND	3600	1100	ug/Kg	10	11/18/21	PS	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	800	800	ug/Kg	10	11/18/21	PS	SW8270D
Phenanthrene	ND	2500	1000	ug/Kg	10	11/18/21	PS	SW8270D
Phenol	ND	330	360	ug/Kg	10	11/18/21	PS	SW8270D
Pyrene	ND	2500	1200	ug/Kg	10	11/18/21	PS	SW8270D
Pyridine	ND	3600	890	ug/Kg	10	11/18/21	PS	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol (10x)	115			%	10	11/18/21	PS	30 - 130 %
% 2-Fluorobiphenyl (10x)	78			%	10	11/18/21	PS	30 - 130 %
% 2-Fluorophenol (10x)	70			%	10	11/18/21	PS	30 - 130 %
% Nitrobenzene-d5 (10x)	88			%	10	11/18/21	PS	30 - 130 %
% Phenol-d5 (10x)	72			%	10	11/18/21	PS	30 - 130 %
% Terphenyl-d14 (10x)	82			%	10	11/18/21	PS	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:

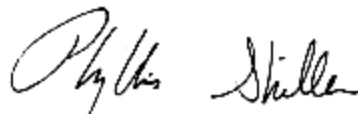
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

13:15
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80308

Project ID: 586 RIVER AVE
Client ID: GZ-24 (2`)/(0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	11400	60	8.0	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	3.05	0.80	0.80	mg/Kg	1	11/19/21	TH	SW6010D
Barium	90.2	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.55	0.32	0.16	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	9020	6.0	3.7	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	1.51	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	9.54	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	36.6	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Copper	29.4	0.8	0.40	mg/kg	1	11/19/21	TH	SW6010D
Iron	22700	60	40	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	0.21	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1800	6.0	3.1	mg/Kg	1	11/19/21	TH	SW6010D
Magnesium	7620	60	40	mg/Kg	10	11/18/21	TH	SW6010D
Manganese	273	4.0	4.0	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	708	6.0	3.5	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	19.3	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Lead	81.3	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	4.0	4.0	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.6	1.6	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	40.8	0.40	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	121	0.8	0.40	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	89			%		11/17/21	Q	SW846-%Solid
Field Extraction	Completed					11/17/21		SW5035A
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
Acetone	ND	22	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
Acrylonitrile	ND	8.8	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Benzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Bromoform	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon Disulfide	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Chloromethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Dibromomethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Ethylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
m&p-Xylene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	22	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.8	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Methylene chloride	ND	8.8	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
Naphthalene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
n-Propylbenzene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
o-Xylene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	11/19/21	JLI	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Total Xylenes	ND	4.4	4.4	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	11/19/21	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	11/19/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/19/21	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	99			%	1	11/19/21	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	11/19/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/19/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/19/21	JLI	70 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	87	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	94	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	360	180	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	250	150	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	250	150	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360	140	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	250	170	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	360	110	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	250	150	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	580	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	250	73	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	350	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	250	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	390	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	350	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	310	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	280	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	730	150	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	360	98	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	360	100	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	390	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	360	150	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	250	94	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	570	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	320	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	360	100	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	360	140	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	360	110	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	360	140	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	280	250	100	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	610	250	120	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	360	89	ug/Kg	1	11/18/21	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	87			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	66			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	86			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	74			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	84			%	1	11/18/21	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

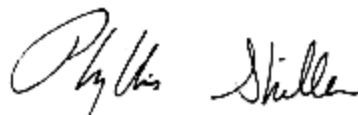
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

13:20
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80309

Project ID: 586 RIVER AVE
Client ID: GZ-24 (12`)/(11-13`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Aluminum	7680	55	7.3	mg/Kg	10	11/18/21	TH	SW6010D
Arsenic	1.15	0.73	0.73	mg/Kg	1	11/19/21	TH	SW6010D
Barium	30.7	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Beryllium	0.40	0.29	0.15	mg/Kg	1	11/19/21	TH	SW6010D
Calcium	781	5.5	3.4	mg/Kg	1	11/19/21	TH	SW6010D
Cadmium	0.79	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Cobalt	5.10	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Chromium	10.8	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Copper	9.1	0.7	0.37	mg/kg	1	11/19/21	TH	SW6010D
Iron	12800	55	37	mg/Kg	10	11/18/21	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	11/18/21	AP	SW7471B
Potassium	1380	5.5	2.9	mg/Kg	1	11/19/21	TH	SW6010D
Magnesium	2510	5.5	3.7	mg/Kg	1	11/19/21	TH	SW6010D
Manganese	173	3.7	3.7	mg/Kg	10	11/18/21	TH	SW6010D
Sodium	107	5.5	3.2	mg/Kg	1	11/19/21	EK	SW6010D
Nickel	62.3	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Lead	11.3	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Antimony	ND	3.7	3.7	mg/Kg	1	11/19/21	TH	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	11/19/21	TH	SW6010D
Thallium	ND	3.3	1.5	mg/Kg	1	11/19/21	TH	SW6010D
Vanadium	14.2	0.37	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Zinc	22.2	0.7	0.37	mg/Kg	1	11/19/21	TH	SW6010D
Percent Solid	83 [●]			%		11/17/21	Q	SW846-%Solid
Field Extraction	Completed					11/17/21		SW5035A
Mercury Digestion	Completed					11/18/21	AB/K/AB	SW7471B
Soil Extraction for SVOA	Completed					11/17/21	I/Y	SW3546

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/17/21	M/AG	SW3050B
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloroethane	ND	1100	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloroethene	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,1-Dichloropropene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2,4-Trimethylbenzene	150000	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dibromoethane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichloroethane	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,2-Dichloropropane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3,5-Trimethylbenzene	59000	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
1,3-Dichloropropane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	540	ug/Kg	1000	11/20/21	JLI	SW8260C
2,2-Dichloropropane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Chlorotoluene	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Hexanone	ND	27000	5400	ug/Kg	1000	11/20/21	JLI	SW8260C
2-Isopropyltoluene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
4-Chlorotoluene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27000	5400	ug/Kg	1000	11/20/21	JLI	SW8260C
Acetone	ND	5400	5400	ug/Kg	1000	11/20/21	JLI	SW8260C
Acrylonitrile	ND	11000	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Benzene	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromobenzene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromochloromethane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromodichloromethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromoform	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Bromomethane	ND	5400	2200	ug/Kg	1000	11/20/21	JLI	SW8260C
Carbon Disulfide	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Carbon tetrachloride	ND	1100	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Chlorobenzene	ND	1100	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloroethane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloroform	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Chloromethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Dibromochloromethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Dibromomethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Ethylbenzene	14000	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Hexachlorobutadiene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	5200	5000	540	ug/Kg	1000	11/20/21	JLI	SW8260C
m&p-Xylene	62000	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	2200	2200	ug/Kg	1000	11/20/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	1100	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Methylene chloride	ND	2200	2200	ug/Kg	1000	11/20/21	JLI	SW8260C
Naphthalene	36000	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
n-Butylbenzene	8900	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
n-Propylbenzene	14000	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
o-Xylene	25000	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
p-Isopropyltoluene	4500	4400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
sec-Butylbenzene	3800	3600	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Styrene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
tert-Butylbenzene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Tetrachloroethene	ND	1300	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11000	2700	ug/Kg	1000	11/20/21	JLI	SW8260C
Toluene	ND	700	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Total Xylenes	87000	5400	5400	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11000	2700	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichloroethene	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichlorofluoromethane	ND	5400	1100	ug/Kg	1000	11/20/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	5400	540	ug/Kg	1000	11/20/21	JLI	SW8260C
Vinyl chloride	ND	540	540	ug/Kg	1000	11/20/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (1000x)	100			%	1000	11/20/21	JLI	70 - 130 %
% Bromofluorobenzene (1000x)	99			%	1000	11/20/21	JLI	70 - 130 %
% Dibromofluoromethane (1000x)	94			%	1000	11/20/21	JLI	70 - 130 %
% Toluene-d8 (1000x)	96			%	1000	11/20/21	JLI	70 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	94	ug/Kg	1	11/18/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	11/18/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dimethylphenol	ND	280	97	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrophenol	ND	390	200	ug/Kg	1	11/18/21	WB	SW8270D
2,4-Dinitrotoluene	ND	280	150	ug/Kg	1	11/18/21	WB	SW8270D
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
2-Methylnaphthalene	20000	2800	1200	ug/Kg	10	11/18/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	11/18/21	WB	SW8270D
2-Nitroaniline	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	280	160	ug/Kg	1	11/18/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	11/18/21	WB	SW8270D
3-Nitroaniline	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	390	120	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/18/21	WB	SW8270D
4-Chloroaniline	ND	280	160	ug/Kg	1	11/18/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitroaniline	ND	630	130	ug/Kg	1	11/18/21	WB	SW8270D
4-Nitrophenol	ND	280	79	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Aniline	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzidine	ND	280	160	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Benzoic acid	ND	790	160	ug/Kg	1	11/18/21	WB	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
Carbazole	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Dibenzofuran	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-butylphthalate	ND	390	160	ug/Kg	1	11/18/21	WB	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/18/21	WB	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobenzene	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/18/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/18/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Naphthalene	21000	2800	1100	ug/Kg	10	11/18/21	WB	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	11/18/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	390	150	ug/Kg	1	11/18/21	WB	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/18/21	WB	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/18/21	WB	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/18/21	WB	SW8270D
Pyridine	ND	390	97	ug/Kg	1	11/18/21	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	108			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	11/18/21	WB	30 - 130 %
% 2-Fluorophenol	70			%	1	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5	90			%	1	11/18/21	WB	30 - 130 %
% Phenol-d5	76			%	1	11/18/21	WB	30 - 130 %
% Terphenyl-d14	93			%	1	11/18/21	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	11/18/21	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:

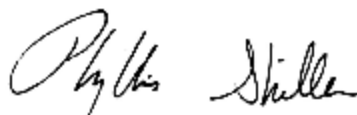
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: GROUND WATER
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21
11/17/21

Time

11:30
16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80310

Project ID: 586 RIVER AVE
Client ID: TMW-16

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Aluminum (Dissolved)	0.013	0.011	0.0026	mg/L	1	11/20/21	CPP	SW6010D
Arsenic (Dissolved)	0.008	0.004	0.001	mg/L	1	11/20/21	CPP	SW6010D
Barium (Dissolved)	0.020	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Calcium (Dissolved)	45.3	0.01	0.003	mg/L	1	11/20/21	CPP	SW6010D
Cadmium (Dissolved)	ND	0.001	0.0005	mg/L	1	11/20/21	CPP	SW6010D
Cobalt (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Copper (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/21	TH	SW6010D
Iron (Dissolved)	ND	0.011	0.01	mg/L	1	11/20/21	CPP	SW6010D
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/19/21	AP	SW7470A
Potassium (Dissolved)	3.1	0.1	0.1	mg/L	1	11/20/21	CPP	SW6010D
Magnesium (Dissolved)	12.2	0.01	0.01	mg/L	1	11/20/21	CPP	SW6010D
Manganese (Dissolved)	1.02	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Sodium (Dissolved)	48.4	0.11	0.1	mg/L	1	11/20/21	CPP	SW6010D
Nickel (Dissolved)	0.006	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Lead (Dissolved)	0.003	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Antimony (Dissolved)	ND	0.005	0.01	mg/L	1	11/20/21	CPP	SW6010D
Selenium (Dissolved)	ND	0.011	0.01	mg/L	1	11/20/21	CPP	SW6010D
Thallium (Dissolved)	ND	0.002	0.001	mg/L	1	11/19/21	AP	SW7010
Vanadium (Dissolved)	ND	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Zinc (Dissolved)	ND	0.002	0.002	mg/L	1	11/20/21	CPP	SW6010D
Filtration	Completed					11/18/21	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/19/21	AB/AB	SW7470A
Semi-Volatile Extraction	Completed					11/17/21	J/K	SW3520C
Dissolved Metals Preparation	Completed					11/18/21	AG	SW3005A

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trimethylbenzene	1200	20	5.0	ug/L	20	11/22/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/20/21	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3,5-Trimethylbenzene	340	20	5.0	ug/L	20	11/22/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
2-Isopropyltoluene	5.6	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Acetone	ND	25	2.5	ug/L	1	11/20/21	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroform	4.9	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Ethylbenzene	290	20	5.0	ug/L	20	11/22/21	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Isopropylbenzene	65	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	470	20	5.0	ug/L	20	11/22/21	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
Naphthalene	390	20	20	ug/L	20	11/22/21	HM	SW8260C
n-Butylbenzene	19	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
n-Propylbenzene	160	20	5.0	ug/L	20	11/22/21	HM	SW8260C
o-Xylene	420	20	5.0	ug/L	20	11/22/21	HM	SW8260C
p-Isopropyltoluene	13	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
sec-Butylbenzene	15	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
tert-Butylbenzene	2.4	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	11/20/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Total Xylenes	890	20	20	ug/L	20	11/22/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	11/20/21	HM	70 - 130 %
% Bromofluorobenzene	102			%	1	11/20/21	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	11/20/21	HM	70 - 130 %
% Toluene-d8	101			%	1	11/20/21	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	11/22/21	HM	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	11/22/21	HM	70 - 130 %
% Dibromofluoromethane (20x)	105			%	20	11/22/21	HM	70 - 130 %
% Toluene-d8 (20x)	100			%	20	11/22/21	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	11/19/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
1,2-Dichlorobenzene	ND	2.4	1.3	ug/L	1	11/19/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
1,3-Dichlorobenzene	ND	2.4	1.4	ug/L	1	11/19/21	WB	SW8270D
1,4-Dichlorobenzene	ND	2.4	1.4	ug/L	1	11/19/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dimethylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dinitrophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dinitrotoluene	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
2,6-Dinitrotoluene	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
2-Chloronaphthalene	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
2-Chlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Methylnaphthalene	94	47	9.4	ug/L	10	11/19/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
2-Nitrophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	9.4	1.9	ug/L	1	11/19/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	2.2	ug/L	1	11/19/21	WB	SW8270D
3-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Chloroaniline	ND	4.7	2.2	ug/L	1	11/19/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
4-Nitrophenol	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Acetophenone	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
Aniline	ND	4.7	3.3	ug/L	1	11/19/21	WB	SW8270D
Benzidine	ND	4.7	2.8	ug/L	1	11/19/21	WB	SW8270D
Benzoic acid	ND	47	9.4	ug/L	1	11/19/21	WB	SW8270D
Benzyl butyl phthalate	ND	4.7	1.2	ug/L	1	11/19/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Carbazole	ND	4.7	3.6	ug/L	1	11/19/21	WB	SW8270D
Dibenzofuran	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
Diethyl phthalate	ND	4.7	0.85	ug/L	1	11/19/21	WB	SW8270D
Dimethylphthalate	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
Di-n-butylphthalate	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
Di-n-octylphthalate	ND	4.7	1.2	ug/L	1	11/19/21	WB	SW8270D
Hexachloroethane	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Isophorone	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
Naphthalene	290	47	9.4	ug/L	10	11/19/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	4.7	1.8	ug/L	1	11/19/21	WB	SW8270D
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	11/19/21	WB	SW8270D
Phenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	77			%	1	11/19/21	WB	15 - 110 %
% 2-Fluorobiphenyl	46			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorophenol	54			%	1	11/19/21	WB	15 - 110 %
% Nitrobenzene-d5	66			%	1	11/19/21	WB	30 - 130 %
% Phenol-d5	<10			%	1	11/19/21	WB	15 - 110 %
% Terphenyl-d14	52			%	1	11/19/21	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	11/19/21	WB	15 - 110 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	11/19/21	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	11/19/21	WB	15 - 110 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	11/19/21	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	11/19/21	WB	15 - 110 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	11/19/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Semivolatiles (SIM)</u>								
Acenaphthene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Acenaphthylene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Anthracene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benz(a)anthracene	0.02	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Fluoranthene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Fluorene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorocyclopentadiene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	11/19/21	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pentachlorophenol	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Phenanthrene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pyrene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pyridine	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	11/19/21	WB	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorophenol	54			%	1	11/19/21	WB	15 - 110 %
% Nitrobenzene-d5	47			%	1	11/19/21	WB	30 - 130 %
% Phenol-d5	23			%	1	11/19/21	WB	15 - 110 %
% Terphenyl-d14	65			%	1	11/19/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

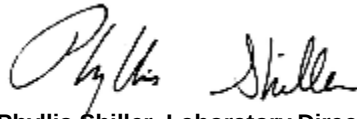
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: GROUND WATER
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 13:00
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80311

Project ID: 586 RIVER AVE
Client ID: TMW-17

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	ND	0.001	0.001	mg/L	1	11/22/21	TH	SW6010D
Aluminum (Dissolved)	0.025	0.011	0.0026	mg/L	1	11/20/21	CPP	SW6010D
Arsenic (Dissolved)	ND	0.004	0.001	mg/L	1	11/20/21	CPP	SW6010D
Barium (Dissolved)	0.146	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Calcium (Dissolved)	211	0.11	0.032	mg/L	10	11/22/21	TH	SW6010D
Cadmium (Dissolved)	ND	0.001	0.0005	mg/L	1	11/20/21	CPP	SW6010D
Cobalt (Dissolved)	0.003	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Copper (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/21	TH	SW6010D
Iron (Dissolved)	ND	0.011	0.01	mg/L	1	11/20/21	CPP	SW6010D
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/19/21	AP	SW7470A
Potassium (Dissolved)	5.0	0.1	0.1	mg/L	1	11/20/21	CPP	SW6010D
Magnesium (Dissolved)	42.5	0.01	0.01	mg/L	1	11/20/21	CPP	SW6010D
Manganese (Dissolved)	13.1	0.011	0.011	mg/L	10	11/22/21	TH	SW6010D
Sodium (Dissolved)	252	1.1	1.1	mg/L	10	11/22/21	TH	SW6010D
Nickel (Dissolved)	0.004	0.001	0.001	mg/L	1	11/20/21	CPP	SW6010D
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Antimony (Dissolved)	ND	0.005	0.01	mg/L	1	11/20/21	CPP	SW6010D
Selenium (Dissolved)	ND	0.011	0.01	mg/L	1	11/20/21	CPP	SW6010D
Thallium (Dissolved)	ND	0.002	0.001	mg/L	1	11/19/21	AP	SW7010
Vanadium (Dissolved)	0.003	0.002	0.001	mg/L	1	11/20/21	CPP	SW6010D
Zinc (Dissolved)	ND	0.002	0.002	mg/L	1	11/20/21	CPP	SW6010D
Filtration	Completed					11/18/21	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/19/21	AB/AB	SW7470A
Semi-Volatile Extraction	Completed					11/17/21	J/K	SW3520C
Dissolved Metals Preparation	Completed					11/18/21	AG	SW3005A

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/22/21	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	11/22/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	11/22/21	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	11/22/21	HM	SW8260C
Acetone	ND	25	2.5	ug/L	1	11/22/21	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/22/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	11/22/21	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/22/21	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	11/22/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	11/22/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C

1

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/22/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	11/22/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/22/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	11/22/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	11/22/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/22/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	11/22/21	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/22/21	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/22/21	HM	70 - 130 %
% Bromofluorobenzene	92			%	1	11/22/21	HM	70 - 130 %
% Dibromofluoromethane	107			%	1	11/22/21	HM	70 - 130 %
% Toluene-d8	98			%	1	11/22/21	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	11/19/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
1,2-Dichlorobenzene	ND	2.4	1.3	ug/L	1	11/19/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
1,3-Dichlorobenzene	ND	2.4	1.4	ug/L	1	11/19/21	WB	SW8270D
1,4-Dichlorobenzene	ND	2.4	1.4	ug/L	1	11/19/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dichlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dimethylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dinitrophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2,4-Dinitrotoluene	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
2,6-Dinitrotoluene	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
2-Chloronaphthalene	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
2-Chlorophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
2-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
2-Nitrophenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	9.4	1.9	ug/L	1	11/19/21	WB	SW8270D

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3,3'-Dichlorobenzidine	ND	4.7	2.2	ug/L	1	11/19/21	WB	SW8270D
3-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Chloroaniline	ND	4.7	2.2	ug/L	1	11/19/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
4-Nitroaniline	ND	4.7	1.9	ug/L	1	11/19/21	WB	SW8270D
4-Nitrophenol	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Acetophenone	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
Aniline	ND	4.7	3.3	ug/L	1	11/19/21	WB	SW8270D
Benzidine	ND	4.7	2.8	ug/L	1	11/19/21	WB	SW8270D
Benzoic acid	ND	47	9.4	ug/L	1	11/19/21	WB	SW8270D
Benzyl butyl phthalate	ND	4.7	1.2	ug/L	1	11/19/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Carbazole	ND	4.7	3.6	ug/L	1	11/19/21	WB	SW8270D
Dibenzofuran	ND	4.7	1.4	ug/L	1	11/19/21	WB	SW8270D
Diethyl phthalate	ND	4.7	0.85	ug/L	1	11/19/21	WB	SW8270D
Dimethylphthalate	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
Di-n-butylphthalate	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
Di-n-octylphthalate	ND	4.7	1.2	ug/L	1	11/19/21	WB	SW8270D
Hexachloroethane	ND	0.94	0.94	ug/L	1	11/19/21	WB	SW8270D
Isophorone	ND	4.7	1.3	ug/L	1	11/19/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	1.5	ug/L	1	11/19/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	4.7	1.8	ug/L	1	11/19/21	WB	SW8270D
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	11/19/21	WB	SW8270D
Phenol	ND	0.94	0.85	ug/L	1	11/19/21	WB	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	11/19/21	WB	15 - 110 %
% 2-Fluorobiphenyl	49			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorophenol	39			%	1	11/19/21	WB	15 - 110 %
% Nitrobenzene-d5	54			%	1	11/19/21	WB	30 - 130 %
% Phenol-d5	49			%	1	11/19/21	WB	15 - 110 %
% Terphenyl-d14	60			%	1	11/19/21	WB	30 - 130 %
<u>Semivolatiles (SIM)</u>								
2-Methylnaphthalene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Acenaphthene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Acenaphthylene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Anthracene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Fluoranthene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Hexachlorocyclopentadiene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/19/21	WB	SW8270D (SIM)
Naphthalene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	11/19/21	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pentachlorophenol	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Phenanthrene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pyrene	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
Pyridine	ND	0.47	0.47	ug/L	1	11/19/21	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/19/21	WB	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorophenol	47			%	1	11/19/21	WB	15 - 110 %
% Nitrobenzene-d5	62			%	1	11/19/21	WB	30 - 130 %
% Phenol-d5	57			%	1	11/19/21	WB	15 - 110 %
% Terphenyl-d14	65			%	1	11/19/21	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

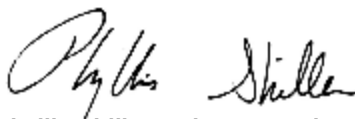
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: WATER
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

11/17/21
11/17/21 16:50

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80312

Project ID: 586 RIVER AVE
Client ID: TRIP BLANK

Not included in EDD provided.

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/20/21	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	11/20/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	11/20/21	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	11/20/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	11/20/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	11/20/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	11/20/21	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/20/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/20/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	11/20/21	HM	70 - 130 %
% Dibromofluoromethane	100			%	1	11/20/21	HM	70 - 130 %

1

Project ID: 586 RIVER AVE
Client ID: TRIP BLANK

Not included in EDD provided.

Phoenix I.D.: CJ80312

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	11/20/21	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

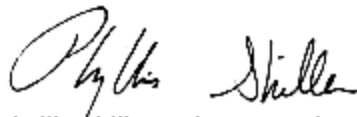
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:15
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80626

Project ID: 586 RIVER AVE
Client ID: GZ-19 (2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/17/21		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,2-Dichloropropane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
1,3-Dichloropropane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
2-Chlorotoluene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
2-Hexanone	ND	20	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	20	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
Acetone	ND	20	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
Acrylonitrile	ND	7.8	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Benzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Bromobenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Bromodichloromethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Bromoform	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Bromomethane	ND	3.9	1.6	ug/Kg	1	11/22/21	JLI	SW8260C
Carbon Disulfide	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Carbon tetrachloride	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Chloroethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Chloroform	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Chloromethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Dibromochloromethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Dibromomethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
m&p-Xylene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	20	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.8	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Methylene chloride	ND	7.8	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
Naphthalene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
o-Xylene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Tetrachloroethene	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.8	2.0	ug/Kg	1	11/22/21	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Total Xylenes	ND	3.9	3.9	ug/Kg	1	11/22/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.8	2.0	ug/Kg	1	11/22/21	JLI	SW8260C
Trichloroethene	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.78	ug/Kg	1	11/22/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	11/22/21	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/22/21	JLI	70 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98			%	1	11/22/21	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/22/21	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/22/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

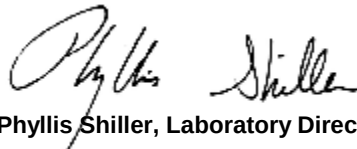
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Sample Information

Matrix: SOIL
Location Code: GZA-NY
Rush Request: 72 Hour
P.O.#: 41.0162951.00

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/17/21 11:15
11/17/21 16:50

Time

Laboratory Data

SDG ID: GCJ80288
Phoenix ID: CJ80627

Project ID: 586 RIVER AVE
Client ID: GZ-19 (0-2')

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	11/20/21	CPP	SW6010D
Aluminum	12600	59	7.9	mg/Kg	10	11/19/21	CPP	SW6010D
Arsenic	5.38	0.79	0.79	mg/Kg	1	11/20/21	CPP	SW6010D
Barium	128	0.39	0.39	mg/Kg	1	11/22/21	EK	SW6010D
Beryllium	0.60	0.31	0.16	mg/Kg	1	11/20/21	CPP	SW6010D
Calcium	9650	5.9	3.6	mg/Kg	1	11/20/21	CPP	SW6010D
Cadmium	1.50	0.39	0.39	mg/Kg	1	11/20/21	CPP	SW6010D
Cobalt	10.4	0.39	0.39	mg/Kg	1	11/20/21	CPP	SW6010D
Chromium	27.3	0.39	0.39	mg/Kg	1	11/20/21	CPP	SW6010D
Copper	47.3	0.8	0.39	mg/kg	1	11/22/21	EK	SW6010D
Iron	25900	59	39	mg/Kg	10	11/19/21	CPP	SW6010D
Mercury	0.49	0.03	0.02	mg/Kg	2	11/19/21	AP	SW7471B
Potassium	2290	5.9	3.1	mg/Kg	1	11/20/21	CPP	SW6010D
Magnesium	6830	59	39	mg/Kg	10	11/19/21	CPP	SW6010D
Manganese	418	3.9	3.9	mg/Kg	10	11/19/21	EK	SW6010D
Sodium	1050	5.9	3.4	mg/Kg	1	11/20/21	CPP	SW6010D
Nickel	21.5	0.39	0.39	mg/Kg	1	11/22/21	EK	SW6010D
Lead	251	0.39	0.39	mg/Kg	1	11/22/21	EK	SW6010D
Antimony	ND	3.9	3.9	mg/Kg	1	11/20/21	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	11/20/21	CPP	SW6010D
Thallium	ND	3.5	1.6	mg/Kg	1	11/20/21	CPP	SW6010D
Vanadium	44.0	0.39	0.39	mg/Kg	1	11/20/21	CPP	SW6010D
Zinc	236	0.8	0.39	mg/Kg	1	11/22/21	EK	SW6010D
Percent Solid	87			%		11/18/21	JS	SW846-%Solid
Mercury Digestion	Completed					11/19/21	K/AB/AB	SW7471B
Soil Extraction for SVOA	Completed					11/18/21	R/Y	SW3546
Total Metals Digest	Completed					11/18/21	M/AG	SW3050B

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	92	ug/Kg	1	11/19/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	11/19/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	11/19/21	WB	SW8270D
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	11/19/21	WB	SW8270D
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	11/19/21	WB	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/19/21	WB	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	11/19/21	WB	SW8270D
2-Nitroaniline	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
2-Nitrophenol	ND	270	150	ug/Kg	1	11/19/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	11/19/21	WB	SW8270D
3-Nitroaniline	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	11/19/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/19/21	WB	SW8270D
4-Chloroaniline	ND	270	150	ug/Kg	1	11/19/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/19/21	WB	SW8270D
4-Nitroaniline	ND	610	130	ug/Kg	1	11/19/21	WB	SW8270D
4-Nitrophenol	ND	270	77	ug/Kg	1	11/19/21	WB	SW8270D
Acenaphthene	270	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Aniline	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
Anthracene	390	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Benz(a)anthracene	1100	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Benzidine	ND	270	150	ug/Kg	1	11/19/21	WB	SW8270D
Benzo(a)pyrene	1000	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Benzo(b)fluoranthene	1000	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Benzo(ghi)perylene	610	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Benzo(k)fluoranthene	820	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Benzoic acid	ND	770	150	ug/Kg	1	11/19/21	WB	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/19/21	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	11/19/21	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	11/19/21	WB	SW8270D
Carbazole	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
Chrysene	1100	270	130	ug/Kg	1	11/19/21	WB	SW8270D

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Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Di-n-butylphthalate	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/19/21	WB	SW8270D
Fluoranthene	2500	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/19/21	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	680	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Nitrobenzene	ND	270	130	ug/Kg	1	11/19/21	WB	SW8270D
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	11/19/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	11/19/21	WB	SW8270D
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	11/19/21	WB	SW8270D
Pentachlorophenol	ND	380	140	ug/Kg	1	11/19/21	WB	SW8270D
Phenanthrene	2500	270	110	ug/Kg	1	11/19/21	WB	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/19/21	WB	SW8270D
Pyrene	2000	270	130	ug/Kg	1	11/19/21	WB	SW8270D
Pyridine	ND	380	94	ug/Kg	1	11/19/21	WB	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	70			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	11/19/21	WB	30 - 130 %
% 2-Fluorophenol	48			%	1	11/19/21	WB	30 - 130 %
% Nitrobenzene-d5	59			%	1	11/19/21	WB	30 - 130 %
% Phenol-d5	57			%	1	11/19/21	WB	30 - 130 %
% Terphenyl-d14	58			%	1	11/19/21	WB	30 - 130 %

Parameter	Result	ppbv RL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

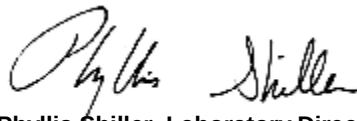
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
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QA/QC Report

October 07, 2022

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	Blk ug/m3	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits					
QA/QC Batch 601202 (mg/L), QC Sample No: CJ79431 (CJ80310, CJ80311)																		
Thallium (Dissolved)	○	BRL	0.002	<0.001	<0.002	NC	99.8	○	94.3	○		75 - 125	20					
QA/QC Batch 601274 (mg/kg), QC Sample No: CJ77967 (CJ80294, CJ80296, CJ80298, CJ80300, CJ80302, CJ80304, CJ80306, CJ80307, CJ80308, CJ80309)																		
Mercury - Soil	○	BRL	0.02	0.07	0.05	NC	103	○	97.4	○	5.6	111	89.5	○21.4	75 - 125	30		
QA/QC Batch 601432 (mg/L), QC Sample No: CJ79006 (CJ80310, CJ80311)																		
Mercury (Dissolved)	○	BRL	0.0002	<0.0002	<0.0002	NC	95.6	○	96.5	○		75 - 125	20					
QA/QC Batch 601428 (mg/kg), QC Sample No: CJ80965 2X (CJ80627) non-project																		
Mercury - Soil	○	BRL	0.01	0.19	0.22	14.6	112	○	113	○	0.9	77.5	69.0	●	11.6	75 - 125	30	m

Comment:

Certified CRM ERA D109-540 was used as the LCS/LCSD

QA/QC Batch 601165 (mg/kg), QC Sample No: **CJ80285** (CJ80294, CJ80296, CJ80298, CJ80300, CJ80302, CJ80304, CJ80306, CJ80307, CJ80308, CJ80309)

ICP Metals - Soil

non-project sample.

Aluminum		BRL	5.0	12900	12500	3.10	115	108	6.3	NC		80 - 120	30	
Antimony		BRL	3.3	<4.5	<4.8	NC	116	113	2.6	98.1		70 - 130	30	
Arsenic		BRL	0.67	1.22	1.18	NC	115	106	8.1	105		80 - 120	30	
Barium		BRL	0.33	102	103	1.00	111	107	3.7	121		80 - 120	30	
Beryllium		BRL	0.27	0.64	0.69	NC	110	103	6.6	103		80 - 120	30	
Cadmium		BRL	0.33	1.41	1.44	NC	112	107	4.6	106		80 - 120	30	
Calcium		BRL	5.0	7010 *	16100	78.7	116	105	10.0	NC		80 - 120	30	r
Chromium		BRL	0.33	34.5	34.2	0.90	101	93.6	7.6	106		80 - 120	30	
Cobalt		BRL	0.33	16.3 *	9.52	52.5	114	108	5.4	102		80 - 120	30	r
Copper		BRL	0.67	9.0 *	14.3	45.5	107	99.6	7.2	107		80 - 120	30	r
Iron		BRL	5.0	15800	16200	2.50	119	113	5.2	NC		80 - 120	30	
Lead		BRL	0.33	10.7	13.2	20.9	118	106	10.7	110		80 - 120	30	
Magnesium		BRL	5.0	6190 *	11900	63.1	115	108	6.3	NC		80 - 120	30	r
Manganese		BRL	0.33	305	333	8.80	110	101	8.5	102		80 - 120	30	
Nickel		BRL	0.33	17.0	17.3	1.70	114	107	6.3	103		80 - 120	30	
Potassium		BRL	5.0	800 N, *	1300	47.6	114	109	4.5	>130		80 - 120	30	m,r
Selenium		BRL	1.3	<1.8	<1.9	NC	115	106	8.1	100		80 - 120	30	
Silver		BRL	0.33	<0.45	<0.48	NC	101	95.8	5.3	102		70 - 130	30	
Sodium		BRL	5.0	195 N	199	2.00	106	101	4.8	>130		80 - 120	30	m
Thallium		BRL	3.0	<1.8	<4.3	NC	112	109	2.7	104		80 - 120	30	
Vanadium		BRL	0.33	28.3	27.5	2.90	110	101	8.5	109		80 - 120	30	
Zinc		BRL	0.67	73.0	75.5	3.40	111	104	6.5	107		80 - 120	30	

QA/QC Batch 601352 (mg/kg), QC Sample No: **CJ80498** (CJ80627)

ICP Metals - Soil

non-project sample

Aluminum	○	BRL	5.0	9250	7290	23.7	98.0	107	8.8	NC		80 - 120	30	
Antimony		BRL	3.3	<4.4	<4.4	NC	112	○	106	5.5	98.8	●	70 - 130	30
Arsenic		BRL	0.67	18.3	14.6	22.5	95.1	101	6.0	96.6	○	80 - 120	30	
Barium	●	BRL	0.33	308 N	314	1.90	97.1	101	3.9	25.4		80 - 120	30	m

QA/QC Data

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Parameter	Blank	Blk RL	Blk ug/m3	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Beryllium	BRL	0.27	0.64	0.42	NC	93.5	92.6	1.0	95.4			80 - 120	30
Cadmium	BRL	0.33	2.31	2.06	NC	94.0	92.8	1.3	95.4			80 - 120	30
Calcium	BRL	5.0	17600	80900	129	89.5	96.1	7.1	NC			80 - 120	30
Chromium	BRL	0.33	30.8	25.7	18.1	87.2	88.0	0.9	93.3			80 - 120	30
Cobalt	BRL	0.33	9.62	7.56	24.0	98.7	96.7	2.0	96.4			80 - 120	30
Copper	BRL	0.67	222 N	188	16.6	94.1	97.7	3.8	70.1			80 - 120	30
Iron	BRL	5.0	38400	31100	21.0	93.5	112	18.0	NC			80 - 120	30
Lead	BRL	0.33	548 N, *	792	36.4	94.0	103	9.1	25.4			80 - 120	30
Magnesium	BRL	5.0	5280	40600	154	96.5	104	7.5	NC			80 - 120	30
Manganese	BRL	0.33	354 N	433	20.1	96.2	93.6	2.7	58.5			80 - 120	30
Nickel	BRL	0.33	33.1	31.0	6.60	100	109	8.6	84.9			80 - 120	30
Potassium	4.4 J	5.0	1740	1200	36.7	104	113	8.3	97.0			80 - 120	30
Selenium	BRL	1.3	<1.7	<1.7	NC	97.9	104	6.0	97.6			80 - 120	30
Silver	BRL	0.33	<0.44	<0.44	NC	83.9	91.6	8.8	101			70 - 130	30
Sodium	4.0 J	5.0	480	594	21.2	104	116	10.9	120			80 - 120	30
Thallium	BRL	3.0	<3.9	<3.9	NC	97.4	100	2.6	97.0			80 - 120	30
Vanadium	BRL	0.33	69.9	34.4	68.1	86.8	95.7	9.8	85.5			80 - 120	30
Zinc	BRL	0.67	554 *	852	42.4	94.7	96.1	1.5	NC			80 - 120	30

QA/QC Batch 601325 (mg/L), QC Sample No: CJ81627 (CJ80310, CJ80311)

ICP Metals - Dissolved

non-project samplect.

Aluminum	BRL	0.011	0.019	0.037	NC	85.6	85.1	0.6	87.4			80 - 120	20
Antimony	BRL	0.005	<0.005	<0.005	NC	90.8	84.9	6.7	89.4			70 - 130	30
Arsenic	BRL	0.004	<0.004	<0.004	NC	90.8	84.8	6.8	89.0			80 - 120	20
Barium	BRL	0.002	0.009	0.009	NC	91.8	89.6	2.4	90.8			80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	87.3	87.6	0.3	91.8			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	90.7	86.0	5.3	90.1			80 - 120	20
Calcium	BRL	0.01	11.9	12.3	3.30	90.6	90.2	0.4	NC			80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	92.9	86.7	6.9	91.4			80 - 120	20
Cobalt	BRL	0.001	<0.001	<0.001	NC	90.0	85.0	5.7	89.5			80 - 120	20
Copper	BRL	0.005	<0.005	<0.005	NC	90.6	89.5	1.2	95.2			80 - 120	20
Iron	BRL	0.011	0.168	0.161	4.30	92.1	84.8	8.3	94.0			80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	91.0	84.7	7.2	90.1			80 - 120	20
Magnesium	BRL	0.01	1.47	1.44	2.10	92.6	88.7	4.3	86.3			80 - 120	20
Manganese	BRL	0.001	0.048	0.047	2.10	92.2	87.0	5.8	91.1			80 - 120	20
Nickel	BRL	0.001	0.002	0.002	NC	90.7	85.6	5.8	89.8			80 - 120	20
Potassium	BRL	0.1	2.2	2.2	0	83.1	81.0	2.6	82.9			80 - 120	20
Selenium	BRL	0.011	<0.011	<0.011	NC	88.7	83.1	6.5	86.6			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	87.6	87.4	0.2	88.4			70 - 130	30
Sodium	BRL	0.11	1.89	1.87	1.10	86.7	84.2	2.9	82.5			80 - 120	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	88.5	88.3	0.2	90.6			80 - 120	20
Zinc	BRL	0.002	0.004	0.004	NC	90.0	85.1	5.6	88.4			80 - 120	20

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 601173 (ug/L), QC Sample No: CJ79366 (CJ80310, CJ80311)										
Semivolatiles - Ground Water										
1,2,4,5-Tetrachlorobenzene	ND	3.5	64	65	1.6				30 - 130	20
1,2,4-Trichlorobenzene	ND	3.5	57	57	0.0				30 - 130	20
1,2-Dichlorobenzene	ND	1.0	51	51	0.0				30 - 130	20
1,2-Diphenylhydrazine	ND	1.6	73	74	1.4				30 - 130	20
1,3-Dichlorobenzene	ND	1.0	49	50	2.0				30 - 130	20
1,4-Dichlorobenzene	ND	1.0	50	51	2.0				30 - 130	20
2,2'-Oxybis(1-Chloropropane)	ND	1.0	47	48	2.1				30 - 130	20
2,4,5-Trichlorophenol	ND	1.0	79	79	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	1.0	82	81	1.2				30 - 130	20
2,4-Dichlorophenol	ND	1.0	69	68	1.5				30 - 130	20
2,4-Dimethylphenol	ND	1.0	73	74	1.4				30 - 130	20
2,4-Dinitrophenol	ND	1.0	73	79	7.9				30 - 130	20
2,4-Dinitrotoluene	ND	3.5	88	89	1.1				30 - 130	20
2,6-Dinitrotoluene	ND	3.5	79	85	7.3				30 - 130	20
2-Chloronaphthalene	ND	3.5	69	72	4.3				30 - 130	20
2-Chlorophenol	ND	1.0	54	52	3.8				30 - 130	20
2-Methylnaphthalene	ND	3.5	64	66	3.1				30 - 130	20
2-Methylphenol (o-cresol)	ND	1.0	64	61	4.8				30 - 130	20
2-Nitroaniline	ND	3.5	105	104	1.0				30 - 130	20
2-Nitrophenol	ND	1.0	67	63	6.2				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	1.0	71	67	5.8				30 - 130	20
3,3'-Dichlorobenzidine	ND	5.0	74	40	59.6				30 - 130	20
3-Nitroaniline	ND	5.0	92	86	6.7				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	1.0	79	84	6.1				30 - 130	20
4-Bromophenyl phenyl ether	ND	3.5	78	82	5.0				30 - 130	20
4-Chloro-3-methylphenol	ND	1.0	82	81	1.2				30 - 130	20
4-Chloroaniline	ND	3.5	76	74	2.7				30 - 130	20
4-Chlorophenyl phenyl ether	ND	1.0	77	81	5.1				30 - 130	20
4-Nitroaniline	ND	5.0	77	84	8.7				30 - 130	20
4-Nitrophenol	ND	1.0	87	83	4.7				30 - 130	20
Acetophenone	ND	3.5	62	65	4.7				30 - 130	20
Aniline	ND	3.5	62	63	1.6				30 - 130	20
Benzidine	ND	4.5	99	99	0.0				30 - 130	20
Benzoic acid	ND	10	41	35	15.8				30 - 130	20
Benzyl butyl phthalate	ND	1.5	89	93	4.4				30 - 130	20
Bis(2-chloroethoxy)methane	ND	3.5	64	66	3.1				30 - 130	20
Bis(2-chloroethyl)ether	ND	1.0	51	53	3.8				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	1.5	87	92	5.6				30 - 130	20
Carbazole	ND	5.0	82	86	4.8				30 - 130	20
Dibenzofuran	ND	3.5	73	76	4.0				30 - 130	20
Diethyl phthalate	ND	1.5	82	84	2.4				30 - 130	20

high RPD,
flag (+) J
no (+)
no impactt

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dimethylphthalate	ND	1.5	79	82	3.7				30 - 130	20
Di-n-butylphthalate	ND	1.5	82	86	4.8				30 - 130	20
Di-n-octylphthalate	ND	1.5	88	93	5.5				30 - 130	20
Hexachloroethane	ND	3.5	52	50	3.9				30 - 130	20
Isophorone	ND	3.5	61	64	4.8				30 - 130	20
Naphthalene	ND	1.5	58	59	1.7				30 - 130	20
N-Nitrosodi-n-propylamine	ND	3.5	64	71	10.4				30 - 130	20
N-Nitrosodiphenylamine	ND	3.5	71	76	6.8				30 - 130	20
Pentachloronitrobenzene	ND	5.0	77	83	7.5				30 - 130	20
Phenol	ND	1.0	53	43	20.8				30 - 130	20
% 2,4,6-Tribromophenol	71	%	82	84	2.4				15 - 110	20
% 2-Fluorobiphenyl	61	%	60	63	4.9				30 - 130	20
% 2-Fluorophenol	52	%	37	30	20.9				15 - 110	20
% Nitrobenzene-d5	67	%	59	60	1.7				30 - 130	20
% Phenol-d5	51	%	48	36	28.6				15 - 110	20
% Terphenyl-d14	73	%	84	86	2.4				30 - 130	20

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 601170 (ug/kg), QC Sample No: CJ80296 (CJ80294, CJ80296, CJ80298, CJ80300, CJ80302, CJ80304, CJ80306, CJ80307, CJ80308, CJ80309)

Semivolatiles - Soil

project sample

1,2,4,5-Tetrachlorobenzene	ND	230	77	72	6.7	69	77	11.0	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	73	69	5.6	66	73	10.1	30 - 130	30
1,2-Dichlorobenzene	ND	180	68	66	3.0	62	72	14.9	30 - 130	30
1,2-Diphenylhydrazine	ND	230	82	77	6.3	75	80	6.5	30 - 130	30
1,3-Dichlorobenzene	ND	230	64	62	3.2	56	67	17.9	30 - 130	30
1,4-Dichlorobenzene	ND	230	68	64	6.1	60	70	15.4	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	68	66	3.0	63	72	13.3	30 - 130	30
2,4,5-Trichlorophenol	ND	230	94	85	10.1	84	92	9.1	30 - 130	30
2,4,6-Trichlorophenol	ND	130	97	89	8.6	87	95	8.8	30 - 130	30
2,4-Dichlorophenol	ND	130	89	82	8.2	81	87	7.1	30 - 130	30
2,4-Dimethylphenol	ND	230	87	82	5.9	74	79	6.5	30 - 130	30
2,4-Dinitrophenol	ND	230	85	80	6.1	82	84	2.4	30 - 130	30
2,4-Dinitrotoluene	ND	130	98	93	5.2	90	97	7.5	30 - 130	30
2,6-Dinitrotoluene	ND	130	93	85	9.0	83	90	8.1	30 - 130	30
2-Chloronaphthalene	ND	230	82	75	8.9	72	80	10.5	30 - 130	30
2-Chlorophenol	ND	230	83	79	4.9	75	85	12.5	30 - 130	30
2-Methylnaphthalene	ND	230	75	71	5.5	66	74	11.4	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	89	87	2.3	82	92	11.5	30 - 130	30
2-Nitroaniline	ND	330	117	111	5.9	104	112	7.4	30 - 130	30
2-Nitrophenol	ND	230	89	82	8.2	77	88	13.3	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	86	84	2.4	80	88	9.5	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	47	67	35.1	56	54	3.6	30 - 130	30
3-Nitroaniline	ND	330	60	63	4.9	39	43	9.8	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	86	81	6.0	80	87	8.4	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	87	80	8.4	79	85	7.3	30 - 130	30
4-Chloro-3-methylphenol	ND	230	99	95	4.1	92	98	6.3	30 - 130	30
4-Chloroaniline	ND	230	46	43	6.7	25	24	4.1	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	86	79	8.5	77	86	11.0	30 - 130	30
4-Nitroaniline	ND	230	105	99	5.9	91	101	10.4	30 - 130	30
4-Nitrophenol	ND	230	115	107	7.2	105	108	2.8	30 - 130	30

high RPD, no (+)
No impact

LLow MS/MSD - UJ

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acenaphthene	ND	230	83	76	8.8	76	82	7.6	30 - 130	30
Acenaphthylene	ND	130	79	72	9.3	71	77	8.1	30 - 130	30
Acetophenone	ND	230	82	79	3.7	75	85	12.5	30 - 130	30
Aniline	ND	330	95	93	2.1	70	80	13.3	30 - 130	30
Anthracene	ND	230	85	78	8.6	77	81	5.1	30 - 130	30
Benz(a)anthracene	ND	230	84	79	6.1	75	81	7.7	30 - 130	30
Benidine	ND	330	<10	<10	NC	<10	<10	NC	30 - 130	30
Benzo(a)pyrene	ND	130	84	80	4.9	77	81	5.1	30 - 130	30
Benzo(b)fluoranthene	ND	160	93	84	10.2	77	86	11.0	30 - 130	30
Benzo(ghi)perylene	ND	230	90	82	9.3	77	83	7.5	30 - 130	30
Benzo(k)fluoranthene	ND	230	84	76	10.0	74	76	2.7	30 - 130	30
Benzoic Acid	ND	670	137	131	4.5	93	112	18.5	30 - 130	30
Benzyl butyl phthalate	ND	230	99	93	6.3	87	96	9.8	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	78	73	6.6	70	78	10.8	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	74	70	5.6	65	73	11.6	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	108	99	8.7	95	102	7.1	30 - 130	30
Carbazole	ND	230	87	82	5.9	77	84	8.7	30 - 130	30
Chrysene	ND	230	87	80	8.4	76	82	7.6	30 - 130	30
Dibenz(a,h)anthracene	ND	130	98	89	9.6	84	90	6.9	30 - 130	30
Dibenzofuran	ND	230	81	75	7.7	73	80	9.2	30 - 130	30
Diethyl phthalate	ND	230	88	84	4.7	81	86	6.0	30 - 130	30
Dimethylphthalate	ND	230	88	80	9.5	78	85	8.6	30 - 130	30
Di-n-butylphthalate	ND	670	94	89	5.5	86	91	5.6	30 - 130	30
Di-n-octylphthalate	ND	230	94	89	5.5	84	91	8.0	30 - 130	30
Fluoranthene	ND	230	84	78	7.4	75	79	5.2	30 - 130	30
Fluorene	ND	230	85	78	8.6	75	84	11.3	30 - 130	30
Hexachlorobenzene	ND	130	87	80	8.4	76	86	12.3	30 - 130	30
Hexachlorobutadiene	ND	230	75	72	4.1	68	77	12.4	30 - 130	30
Hexachlorocyclopentadiene	ND	230	61	57	6.8	55	65	16.7	30 - 130	30
Hexachloroethane	ND	130	70	66	5.9	63	73	14.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	99	88	11.8	84	90	6.9	30 - 130	30
Isophorone	ND	130	74	72	2.7	68	76	11.1	30 - 130	30
Naphthalene	ND	230	73	71	2.8	66	74	11.4	30 - 130	30
Nitrobenzene	ND	130	84	82	2.1	78	88	12.0	30 - 130	30
N-Nitrosodimethylamine	ND	230	59	56	5.2	52	61	15.9	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	90	86	4.5	84	94	11.2	30 - 130	30
N-Nitrosodiphenylamine	ND	130	73	76	4.0	75	81	7.7	30 - 130	30
Pentachloronitrobenzene	ND	230	89	83	7.0	80	85	6.1	30 - 130	30
Pentachlorophenol	ND	230	98	89	9.6	83	85	2.4	30 - 130	30
Phenanthrene	ND	130	83	78	6.2	76	80	5.1	30 - 130	30
Phenol	ND	230	85	81	4.8	78	88	12.0	30 - 130	30
Pyrene	ND	230	83	78	6.2	74	79	6.5	30 - 130	30
Pyridine	ND	230	53	51	3.8	35	34	2.9	30 - 130	30
% 2,4,6-Tribromophenol	112	%	108	103	4.7	99	102	3.0	30 - 130	30
% 2-Fluorobiphenyl	78	%	71	67	5.8	66	72	8.7	30 - 130	30
% 2-Fluorophenol	73	%	71	71	0.0	68	77	12.4	30 - 130	30
% Nitrobenzene-d5	93	%	79	79	0.0	77	87	12.2	30 - 130	30
% Phenol-d5	81	%	78	77	1.3	75	85	12.5	30 - 130	30
% Terphenyl-d14	87	%	88	87	1.1	85	88	3.5	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 601346 (ug/kg), QC Sample No: CJ80502 (CJ80627)										
Semivolatiles - Soil non-project										
1,2,4,5-Tetrachlorobenzene	ND	230	73	74	1.4	75	67	11.3	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	68	71	4.3	71	65	8.8	30 - 130	30
1,2-Dichlorobenzene	ND	180	68	69	1.5	66	61	7.9	30 - 130	30
1,2-Diphenylhydrazine	ND	230	70	70	0.0	68	61	10.9	30 - 130	30
1,3-Dichlorobenzene	ND	230	64	66	3.1	64	58	9.8	30 - 130	30
1,4-Dichlorobenzene	ND	230	70	67	4.4	68	62	9.2	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	53	53	0.0	52	48	8.0	30 - 130	30
2,4,5-Trichlorophenol	ND	230	87	88	1.1	87	75	14.8	30 - 130	30
2,4,6-Trichlorophenol	ND	130	85	89	4.6	86	76	12.3	30 - 130	30
2,4-Dichlorophenol	ND	130	81	80	1.2	82	74	10.3	30 - 130	30
2,4-Dimethylphenol	ND	230	76	76	0.0	73	66	10.1	30 - 130	30
2,4-Dinitrophenol	ND	230	50	85	51.9	72	59	19.8	30 - 130	30
2,4-Dinitrotoluene	ND	130	79	79	0.0	77	69	11.0	30 - 130	30
2,6-Dinitrotoluene	ND	130	68	66	3.0	67	61	9.4	30 - 130	30
2-Chloronaphthalene	ND	230	74	75	1.3	74	66	11.4	30 - 130	30
2-Chlorophenol	ND	230	79	79	0.0	80	67	17.7	30 - 130	30
2-Methylnaphthalene	ND	230	69	69	0.0	72	66	8.7	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	86	83	3.6	82	75	8.9	30 - 130	30
2-Nitroaniline	ND	330	141	143	1.4	143	124	14.2	30 - 130	30
2-Nitrophenol	ND	230	89	91	2.2	88	81	8.3	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	77	75	2.6	74	64	14.5	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	70	57	20.5	77	71	8.1	30 - 130	30
3-Nitroaniline	ND	330	78	64	19.7	83	73	12.8	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	69	87	23.1	80	70	13.3	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	82	82	0.0	85	72	16.6	30 - 130	30
4-Chloro-3-methylphenol	ND	230	87	89	2.3	84	77	8.7	30 - 130	30
4-Chloroaniline	ND	230	65	47	32.1	76	69	9.7	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	77	78	1.3	77	71	8.1	30 - 130	30
4-Nitroaniline	ND	230	80	80	0.0	80	71	11.9	30 - 130	30
4-Nitrophenol	ND	230	98	98	0.0	99	86	14.1	30 - 130	30
Acenaphthene	ND	230	76	78	2.6	76	69	9.7	30 - 130	30
Acenaphthylene	ND	130	69	70	1.4	69	63	9.1	30 - 130	30
Acetophenone	ND	230	72	71	1.4	74	67	9.9	30 - 130	30
Aniline	ND	330	53	51	3.8	64	57	11.6	30 - 130	30
Anthracene	ND	230	80	78	2.5	79	74	6.5	30 - 130	30
Benz(a)anthracene	ND	230	82	81	1.2	71	70	1.4	30 - 130	30
Benzidine	ND	330	39	48	20.7	18	16	11.8	30 - 130	30
Benzo(a)pyrene	ND	130	74	75	1.3	61	61	0.0	30 - 130	30
Benzo(b)fluoranthene	ND	160	75	76	1.3	69	61	12.3	30 - 130	30
Benzo(ghi)perylene	ND	230	89	90	1.1	82	75	8.9	30 - 130	30
Benzo(k)fluoranthene	ND	230	67	73	8.6	59	58	1.7	30 - 130	30
Benzoic Acid	ND	670	66	77	15.4	41	32	24.7	30 - 130	30
Benzyl butyl phthalate	ND	230	81	81	0.0	79	70	12.1	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	74	75	1.3	73	68	7.1	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	47	47	0.0	46	42	9.1	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	82	80	2.5	79	73	7.9	30 - 130	30
Carbazole	ND	230	82	83	1.2	79	73	7.9	30 - 130	30
Chrysene	ND	230	78	77	1.3	70	68	2.9	30 - 130	30
Dibenz(a,h)anthracene	ND	130	81	79	2.5	89	75	17.1	30 - 130	30
Dibenzofuran	ND	230	71	71	0.0	72	66	8.7	30 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	230	77	78	1.3	75	68	9.8	30 - 130	30
Dimethylphthalate	ND	230	79	78	1.3	76	70	8.2	30 - 130	30
Di-n-butylphthalate	ND	670	80	80	0.0	68	64	6.1	30 - 130	30
Di-n-octylphthalate	ND	230	89	84	5.8	71	65	8.8	30 - 130	30
Fluoranthene	ND	230	78	77	1.3	47	59	22.6	30 - 130	30
Fluorene	ND	230	76	78	2.6	74	68	8.5	30 - 130	30
Hexachlorobenzene	ND	130	84	83	1.2	87	80	8.4	30 - 130	30
Hexachlorobutadiene	ND	230	76	80	5.1	73	71	2.8	30 - 130	30
Hexachlorocyclopentadiene	ND	230	53	56	5.5	42	38	10.0	30 - 130	30
Hexachloroethane	ND	130	69	71	2.9	68	65	4.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	86	87	1.2	82	75	8.9	30 - 130	30
Isophorone	ND	130	65	66	1.5	68	60	12.5	30 - 130	30
Naphthalene	ND	230	72	75	4.1	74	67	9.9	30 - 130	30
Nitrobenzene	ND	130	76	77	1.3	78	69	12.2	30 - 130	30
N-Nitrosodimethylamine	ND	230	53	60	12.4	54	38	34.8	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	74	73	1.4	75	67	11.3	30 - 130	30
N-Nitrosodiphenylamine	ND	130	77	77	0.0	74	66	11.4	30 - 130	30
Pentachloronitrobenzene	ND	230	88	85	3.5	86	78	9.8	30 - 130	30
Pentachlorophenol	ND	230	109	109	0.0	94	89	5.5	30 - 130	30
Phenanthrene	ND	130	80	78	2.5	64	72	11.8	30 - 130	30
Phenol	ND	230	77	74	4.0	78	70	10.8	30 - 130	30
Pyrene	ND	230	75	73	2.7	48	54	11.8	30 - 130	30
Pyridine	ND	230	35	45	25.0	39	29	29.4	30 - 130	30
% 2,4,6-Tribromophenol	98	%	99	96	3.1	97	88	9.7	30 - 130	30
% 2-Fluorobiphenyl	71	%	63	63	0.0	63	58	8.3	30 - 130	30
% 2-Fluorophenol	60	%	68	70	2.9	67	60	11.0	30 - 130	30
% Nitrobenzene-d5	72	%	74	74	0.0	74	68	8.5	30 - 130	30
% Phenol-d5	69	%	79	78	1.3	79	71	10.7	30 - 130	30
% Terphenyl-d14	71	%	80	81	1.2	62	57	8.4	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 601173 (ug/L), QC Sample No: CJ79366 (CJ80310, CJ80311)

Semivolatiles (SIM) - Ground Water

2-Methylnaphthalene	ND	0.50	65	68	4.5				30 - 130	20
Acenaphthene	ND	0.50	77	80	3.8				30 - 130	20
Acenaphthylene	ND	0.50	69	71	2.9				30 - 130	20
Anthracene	ND	0.50	83	87	4.7				30 - 130	20
Benz(a)anthracene	ND	0.50	87	90	3.4				30 - 130	20
Benzo(a)pyrene	ND	0.50	80	86	7.2				30 - 130	20
Benzo(b)fluoranthene	ND	0.50	85	91	6.8				30 - 130	20
Benzo(ghi)perylene	ND	0.50	84	92	9.1				30 - 130	20
Benzo(k)fluoranthene	ND	0.50	87	93	6.7				30 - 130	20
Chrysene	ND	0.50	89	95	6.5				30 - 130	20
Dibenz(a,h)anthracene	ND	0.50	93	100	7.3				30 - 130	20
Fluoranthene	ND	0.50	79	84	6.1				30 - 130	20
Fluorene	ND	0.50	77	80	3.8				30 - 130	20
Hexachlorobenzene	ND	0.50	76	81	6.4				30 - 130	20
Hexachlorobutadiene	ND	0.50	54	55	1.8				30 - 130	20
Hexachlorocyclopentadiene	ND	0.50	28	28	0.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.50	93	100	7.3				30 - 130	20
Naphthalene	ND	0.50	64	66	3.1				30 - 130	20

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Nitrobenzene	○	ND 0.50	61	62	1.6				30 - 130	20
N-Nitrosodimethylamine		ND 0.05	46	44	4.4	○			30 - 130	20
Pentachlorophenol		ND 0.50	118	114	3.4	○			30 - 130	20
Phenanthrene	○	ND 0.50	81	85	4.8				30 - 130	20
Pyrene		ND 0.50	79	84	6.1	○			30 - 130	20
Pyridine		ND 0.50	44	42	4.7	○			30 - 130	20
% 2,4,6-Tribromophenol		68 %	94	95	1.1				15 - 110	20
% 2-Fluorobiphenyl		67 %	76	80	5.1				30 - 130	20
% 2-Fluorophenol		50 %	44	38	14.6				15 - 110	20
% Nitrobenzene-d5		63 %	63	63	0.0				30 - 130	20
% Phenol-d5		49 %	53	39	30.4				15 - 110	20
% Terphenyl-d14		67 %	76	80	5.1				30 - 130	20

QA/QC Batch 601723 (ug/kg), QC Sample No: CJ80306 (CJ80295, CJ80297, CJ80301, CJ80305)

Volatiles - Soil (Low Level)

GZ-20 (7.5')/(5.5-7.5')○

1,1,1,2-Tetrachloroethane	ND	5.0	111	114	2.7				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	97	100	3.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	95	100	5.1				70 - 130	30
1,1,2-Trichloroethane	○	ND 5.0	98	104	5.9				70 - 130	30
1,1-Dichloroethane	ND	5.0	97	100	3.0				70 - 130	30
1,1-Dichloroethene	ND	5.0	95	97	2.1	○			70 - 130	30
1,1-Dichloropropene	ND	5.0	101	104	2.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	98	107	8.8				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	93	100	7.3				70 - 130	30
1,2,4-Trichlorobenzene	●	ND 5.0	100	108	7.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	97	101	4.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	96	103	7.0				70 - 130	30
1,2-Dibromoethane	ND	5.0	100	105	4.9				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	98	102	4.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	94	97	3.1				70 - 130	30
1,2-Dichloropropane	ND	5.0	94	98	4.2				70 - 130	30
1,3,5-Trimethylbenzene	○	ND 1.0	99	102	3.0				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	100	104	3.9				70 - 130	30
1,3-Dichloropropane	ND	5.0	100	104	3.9				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	99	103	4.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	85	88	3.5				70 - 130	30
2-Chlorotoluene	ND	5.0	101	104	2.9				70 - 130	30
2-Hexanone	ND	25	81	88	8.3				70 - 130	30
2-Isopropyltoluene	ND	5.0	99	103	4.0	○			70 - 130	30
4-Chlorotoluene	○	ND 5.0	101	104	2.9				70 - 130	30
4-Methyl-2-pentanone	ND	25	86	93	7.8				70 - 130	30
Acetone	ND	10	75	79	5.2				70 - 130	30
Acrylonitrile	ND	5.0	91	98	7.4				70 - 130	30
Benzene	ND	1.0	100	103	3.0				70 - 130	30
Bromobenzene	ND	5.0	99	103	4.0				70 - 130	30
Bromochloromethane	ND	5.0	101	106	4.8				70 - 130	30
Bromodichloromethane	ND	5.0	100	105	4.9				70 - 130	30
Bromoform	ND	5.0	112	118	5.2				70 - 130	30
Bromomethane	○	ND 5.0	106	104	1.9	○			70 - 130	30
Carbon Disulfide	ND	5.0	89	90	1.1	○			70 - 130	30
Carbon tetrachloride	ND	5.0	107	112	4.6				70 - 130	30
Chlorobenzene	ND	5.0	103	106	2.9				70 - 130	30
Chloroethane	ND	5.0	101	101	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	5.0	97	100	3.0				70 - 130	30
Chloromethane	ND	5.0	96	100	4.1				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	104	3.9				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	96	99	3.1				70 - 130	30
Dibromochloromethane	ND	3.0	108	113	4.5				70 - 130	30
Dibromomethane	ND	5.0	99	104	4.9				70 - 130	30
Dichlorodifluoromethane	ND	5.0	111	114	2.7				70 - 130	30
Ethylbenzene	ND	1.0	104	107	2.8				70 - 130	30
Hexachlorobutadiene	ND	5.0	102	105	2.9				70 - 130	30
Isopropylbenzene	ND	1.0	99	102	3.0				70 - 130	30
m&p-Xylene	ND	2.0	103	106	2.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	88	92	4.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	81	84	3.6				70 - 130	30
Methylene chloride	ND	5.0	81	83	2.4				70 - 130	30
Naphthalene	ND	5.0	95	104	9.0				70 - 130	30
n-Butylbenzene	ND	1.0	102	106	3.8				70 - 130	30
n-Propylbenzene	ND	1.0	100	104	3.9				70 - 130	30
o-Xylene	ND	2.0	101	103	2.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	101	104	2.9				70 - 130	30
sec-Butylbenzene	ND	1.0	102	105	2.9				70 - 130	30
Styrene	ND	5.0	100	103	3.0				70 - 130	30
tert-Butylbenzene	ND	1.0	100	102	2.0				70 - 130	30
Tetrachloroethene	ND	5.0	102	106	3.8				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	84	91	8.0				70 - 130	30
Toluene	ND	1.0	100	103	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	95	98	3.1				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	94	99	5.2				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	94	101	7.2				70 - 130	30
Trichloroethene	ND	5.0	102	106	3.8				70 - 130	30
Trichlorofluoromethane	ND	5.0	110	111	0.9				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	92	96	4.3				70 - 130	30
Vinyl chloride	ND	5.0	96	98	2.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	99	0.0				70 - 130	30
% Bromofluorobenzene	94	%	99	99	0.0				70 - 130	30
% Dibromofluoromethane	102	%	99	98	1.0				70 - 130	30
% Toluene-d8	97	%	98	98	0.0				70 - 130	30

Comment:

The Low Level MS/MSD are not reported for this batch.

QA/QC Batch 601723H (ug/kg), QC Sample No: CJ80306 (CJ80294 (1000X) , CJ80303 (500X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	5.0	124	121	2.4	106	116	9.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	109	106	2.8	93	100	7.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	109	107	1.9	95	100	5.1	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	112	110	1.8	97	103	6.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	109	107	1.9	94	101	7.2	70 - 130	30
1,1-Dichloroethene	ND	5.0	67	65	3.0	62	66	6.3	70 - 130	30
1,1-Dichloropropene	ND	5.0	122	116	5.0	100	108	7.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	131	129	1.5	97	112	14.4	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	112	109	2.7	97	102	5.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	133	132	0.8	100	113	12.2	70 - 130	30
1,2,4-Trimethylbenzene	ND	5.0	119	116	2.6	99	108	8.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	112	109	2.7	96	99	3.1	70 - 130	30

Flag UJ, 0294

High no (+) No impact

High no (+) no impact

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromoethane	ND	5.0	113	113	0.0	99	106	6.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	119	117	1.7	99	108	8.7	70 - 130	30
1,2-Dichloroethane	ND	5.0	107	104	2.8	93	99	6.3	70 - 130	30
1,2-Dichloropropane	ND	5.0	109	107	1.9	93	100	7.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	5.0	121	118	2.5	100	109	8.6	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	123	120	2.5	101	110	8.5	70 - 130	30
1,3-Dichloropropane	ND	5.0	114	112	1.8	100	106	5.8	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	122	119	2.5	99	108	8.7	70 - 130	30
2,2-Dichloropropane	ND	5.0	92	87	5.6	72	80	10.5	70 - 130	30
2-Chlorotoluene	ND	5.0	124	121	2.4	103	112	8.4	70 - 130	30
2-Hexanone	ND	25	91	90	1.1	80	84	4.9	70 - 130	30
2-Isopropyltoluene	ND	5.0	121	117	3.4	100	109	8.6	70 - 130	30
4-Chlorotoluene	ND	5.0	124	121	2.4	103	111	7.5	70 - 130	30
4-Methyl-2-pentanone	ND	25	95	93	2.1	84	86	2.4	70 - 130	30
Acetone	ND	10	57	63	10.0	58	57	1.7	70 - 130	30
Acrylonitrile	ND	5.0	99	99	0.0	91	92	1.1	70 - 130	30
Benzene	ND	5.0	118	115	2.6	99	107	7.8	70 - 130	30
Bromobenzene	ND	5.0	120	117	2.5	102	111	8.5	70 - 130	30
Bromochloromethane	ND	5.0	112	110	1.8	100	104	3.9	70 - 130	30
Bromodichloromethane	ND	5.0	113	109	3.6	96	103	7.0	70 - 130	30
Bromoform	ND	5.0	120	116	3.4	105	110	4.7	70 - 130	30
Bromomethane	ND	5.0	61	59	3.3	53	62	15.7	70 - 130	30
Carbon Disulfide	ND	5.0	60	58	3.4	56	59	5.2	70 - 130	30
Carbon tetrachloride	ND	5.0	116	110	5.3	97	104	7.0	70 - 130	30
Chlorobenzene	ND	5.0	120	119	0.8	103	111	7.5	70 - 130	30
Chloroethane	ND	5.0	32	31	3.2	30	31	3.3	70 - 130	30
Chloroform	ND	5.0	111	107	3.7	97	102	5.0	70 - 130	30
Chloromethane	ND	5.0	116	111	4.4	96	100	4.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	115	116	0.9	104	111	6.5	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	108	104	3.8	90	98	8.5	70 - 130	30
Dibromochloromethane	ND	3.0	118	116	1.7	104	111	6.5	70 - 130	30
Dibromomethane	ND	5.0	111	110	0.9	97	104	7.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	119	113	5.2	101	108	6.7	70 - 130	30
Ethylbenzene	ND	5.0	123	120	2.5	104	113	8.3	70 - 130	30
Hexachlorobutadiene	ND	5.0	135	133	1.5	107	120	11.5	70 - 130	30
Isopropylbenzene	ND	5.0	121	118	2.5	101	110	8.5	70 - 130	30
m&p-Xylene	ND	5.0	124	121	2.4	104	112	7.4	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	94	1.1	86	86	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	5.0	88	87	1.1	77	81	5.1	70 - 130	30
Methylene chloride	ND	5.0	85	83	2.4	51	54	5.7	70 - 130	30
Naphthalene	ND	5.0	120	119	0.8	96	107	10.8	70 - 130	30
n-Butylbenzene	ND	5.0	131	126	3.9	103	112	8.4	70 - 130	30
n-Propylbenzene	ND	5.0	126	121	4.0	102	112	9.3	70 - 130	30
o-Xylene	ND	5.0	118	117	0.9	101	110	8.5	70 - 130	30
p-Isopropyltoluene	ND	5.0	126	122	3.2	102	111	8.5	70 - 130	30
sec-Butylbenzene	ND	5.0	125	121	3.3	103	112	8.4	70 - 130	30
Styrene	ND	5.0	118	116	1.7	100	108	7.7	70 - 130	30
tert-Butylbenzene	ND	5.0	121	118	2.5	100	110	9.5	70 - 130	30
Tetrachloroethene	ND	5.0	127	122	4.0	104	114	9.2	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	100	92	8.3	84	86	2.4	70 - 130	30
Toluene	ND	5.0	119	115	3.4	99	107	7.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	106	102	3.8	89	93	4.4	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	101	2.9	87	94	7.7	70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,4-dichloro-2-butene	ND	5.0	105	100	4.9	86	92	6.7	70 - 130	30
Trichloroethene	ND	5.0	123	118	4.1	103	110	6.6	70 - 130	30
Trichlorofluoromethane	ND	5.0	30	29	3.4	27	29	7.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	73	72	1.4	68	72	5.7	70 - 130	30
Vinyl chloride	ND	5.0	102	97	5.0	85	93	9.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	98	0.0	98	98	0.0	70 - 130	30
% Bromofluorobenzene	92	%	96	97	1.0	97	96	1.0	70 - 130	30
% Dibromofluoromethane	94	%	94	96	2.1	95	94	1.1	70 - 130	30
% Toluene-d8	96	%	98	98	0.0	97	97	0.0	70 - 130	30

QA/QC Batch 601830 (ug/L), QC Sample No: CJ80311 (CJ80310 (20X) , CJ80311)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	106	107	0.9	107	107	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	100	1.0	107	112	4.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	96	3.1	100	101	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	95	93	2.1	97	96	1.0	70 - 130	30
1,1-Dichloroethane	ND	1.0	91	93	2.2	98	101	3.0	70 - 130	30
1,1-Dichloroethene	ND	1.0	94	93	1.1	106	109	2.8	70 - 130	30
1,1-Dichloropropene	ND	1.0	100	98	2.0	97	103	6.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	107	105	1.9	98	104	5.9	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	99	95	4.1	100	99	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	106	101	4.8	94	98	4.2	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	98	4.0	97	103	6.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	111	106	4.6	107	108	0.9	70 - 130	30
1,2-Dibromoethane	ND	1.0	100	103	3.0	103	104	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	96	4.1	97	101	4.0	70 - 130	30
1,2-Dichloroethane	ND	1.0	99	97	2.0	106	108	1.9	70 - 130	30
1,2-Dichloropropane	ND	1.0	92	93	1.1	91	96	5.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	101	96	5.1	96	98	2.1	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	100	95	5.1	95	99	4.1	70 - 130	30
1,3-Dichloropropane	ND	1.0	98	98	0.0	102	103	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	96	3.1	96	99	3.1	70 - 130	30
2,2-Dichloropropane	ND	1.0	110	106	3.7	75	78	3.9	70 - 130	30
2-Chlorotoluene	ND	1.0	99	94	5.2	95	97	2.1	70 - 130	30
2-Hexanone	ND	5.0	96	92	4.3	94	96	2.1	70 - 130	30
2-Isopropyltoluene	ND	1.0	102	98	4.0	98	102	4.0	70 - 130	30
4-Chlorotoluene	ND	1.0	101	97	4.0	97	99	2.0	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	92	89	3.3	94	96	2.1	70 - 130	30
Acetone	ND	5.0	101	91	10.4	127	122	4.0	70 - 130	30
Acrylonitrile	ND	5.0	84	86	2.4	96	93	3.2	70 - 130	30
Benzene	ND	0.70	93	92	1.1	94	97	3.1	70 - 130	30
Bromobenzene	ND	1.0	100	97	3.0	95	99	4.1	70 - 130	30
Bromochloromethane	ND	1.0	94	94	0.0	96	99	3.1	70 - 130	30
Bromodichloromethane	ND	0.50	97	96	1.0	98	102	4.0	70 - 130	30
Bromoform	ND	1.0	106	105	0.9	107	105	1.9	70 - 130	30
Bromomethane	ND	1.0	97	95	2.1	56	85	41.1	70 - 130	30
Carbon Disulfide	ND	1.0	87	84	3.5	96	101	5.1	70 - 130	30
Carbon tetrachloride	ND	1.0	114	114	0.0	107	113	5.5	70 - 130	30
Chlorobenzene	ND	1.0	98	98	0.0	99	99	0.0	70 - 130	30
Chloroethane	ND	1.0	93	91	2.2	110	114	3.6	70 - 130	30
Chloroform	ND	1.0	94	93	1.1	104	106	1.9	70 - 130	30
Chloromethane	ND	1.0	86	83	3.6	93	101	8.2	70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	87	89	2.3	96	97	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	97	96	1.0	91	93	2.2	70 - 130	30
Dibromochloromethane	ND	0.50	101	100	1.0	104	103	1.0	70 - 130	30
Dibromomethane	ND	1.0	98	97	1.0	100	103	3.0	70 - 130	30
Dichlorodifluoromethane	ND	1.0	98	99	1.0	102	108	5.7	70 - 130	30
Ethylbenzene	ND	1.0	101	100	1.0	100	101	1.0	70 - 130	30
Hexachlorobutadiene	ND	0.40	103	100	3.0	90	93	3.3	70 - 130	30
Isopropylbenzene	ND	1.0	102	97	5.0	95	100	5.1	70 - 130	30
m&p-Xylene	ND	1.0	104	102	1.9	102	105	2.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	85	87	2.3	101	101	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	98	96	2.1	112	113	0.9	70 - 130	30
Methylene chloride	ND	1.0	90	83	8.1	97	101	4.0	70 - 130	30
Naphthalene	ND	1.0	106	103	2.9	97	102	5.0	70 - 130	30
n-Butylbenzene	ND	1.0	106	101	4.8	99	106	6.8	70 - 130	30
n-Propylbenzene	ND	1.0	101	97	4.0	94	98	4.2	70 - 130	30
o-Xylene	ND	1.0	99	98	1.0	96	98	2.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	107	102	4.8	98	104	5.9	70 - 130	30
sec-Butylbenzene	ND	1.0	105	101	3.9	99	105	5.9	70 - 130	30
Styrene	ND	1.0	101	99	2.0	102	102	0.0	70 - 130	30
tert-Butylbenzene	ND	1.0	104	99	4.9	99	101	2.0	70 - 130	30
Tetrachloroethene	ND	1.0	99	97	2.0	94	99	5.2	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	85	84	1.2	91	92	1.1	70 - 130	30
Toluene	ND	1.0	97	95	2.1	94	99	5.2	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	93	91	2.2	104	109	4.7	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	103	101	2.0	93	97	4.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	111	106	4.6	86	83	3.6	70 - 130	30
Trichloroethene	ND	1.0	95	94	1.1	92	96	4.3	70 - 130	30
Trichlorofluoromethane	ND	1.0	109	110	0.9	127	135	6.1	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	97	93	4.2	105	106	0.9	70 - 130	30
Vinyl chloride	ND	1.0	95	94	1.1	99	110	10.5	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	100	98	2.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	93	%	98	100	2.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	104	%	97	100	3.0	103	104	1.0	70 - 130	30
% Toluene-d8	98	%	97	98	1.0	97	99	2.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 601715H (ug/kg), QC Sample No: CJ80501 (CJ80309 (1000X))

Volatiles - Soil (High Level)

non project sample

1,1,1,2-Tetrachloroethane	ND	5.0	115	115	0.0	107	109	1.9	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	100	3.0	99	103	4.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	111	107	3.7	105	109	3.7	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	102	99	3.0	97	99	2.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	100	97	3.0	99	101	2.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	78	75	3.9	81	82	1.2	70 - 130	30
1,1-Dichloropropene	ND	5.0	113	109	3.6	105	108	2.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	124	119	4.1	116	120	3.4	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	112	109	2.7	106	110	3.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	128	123	4.0	115	119	3.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	5.0	115	112	2.6	109	111	1.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	124	112	10.2	105	118	11.7	70 - 130	30
1,2-Dibromoethane	ND	5.0	110	108	1.8	104	106	1.9	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	116	112	3.5	108	112	3.6	70 - 130	30
1,2-Dichloroethane	ND	5.0	103	100	3.0	98	100	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloropropane	ND	5.0	107	104	2.8	100	103	3.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	5.0	116	113	2.6	110	114	3.6	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	116	114	1.7	108	110	1.8	70 - 130	30
1,3-Dichloropropane	ND	5.0	110	107	2.8	105	109	3.7	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	118	114	3.4	108	111	2.7	70 - 130	30
2,2-Dichloropropane	ND	5.0	108	99	8.7	97	102	5.0	70 - 130	30
2-Chlorotoluene	ND	5.0	115	112	2.6	108	113	4.5	70 - 130	30
2-Hexanone	ND	25	106	102	3.8	105	107	1.9	70 - 130	30
2-Isopropyltoluene	ND	5.0	115	112	2.6	108	113	4.5	70 - 130	30
4-Chlorotoluene	ND	5.0	117	114	2.6	109	112	2.7	70 - 130	30
4-Methyl-2-pentanone	ND	25	104	102	1.9	100	103	3.0	70 - 130	30
Acetone	ND	10	81	77	5.1	84	84	0.0	70 - 130	30
Acrylonitrile	ND	5.0	96	93	3.2	94	99	5.2	70 - 130	30
Benzene	ND	5.0	108	104	3.8	101	105	3.9	70 - 130	30
Bromobenzene	ND	5.0	113	109	3.6	106	109	2.8	70 - 130	30
Bromochloromethane	ND	5.0	104	101	2.9	101	103	2.0	70 - 130	30
Bromodichloromethane	ND	5.0	105	103	1.9	94	99	5.2	70 - 130	30
Bromoform	ND	5.0	115	109	5.4	96	102	6.1	70 - 130	30
Bromomethane	ND	5.0	84	85	1.2	82	88	7.1	70 - 130	30
Carbon Disulfide	ND	5.0	71	70	1.4	73	75	2.7	70 - 130	30
Carbon tetrachloride	ND	5.0	104	100	3.9	93	100	7.3	70 - 130	30
Chlorobenzene	ND	5.0	112	110	1.8	107	109	1.9	70 - 130	30
Chloroethane	ND	5.0	33	32	3.1	33	34	3.0	70 - 130	30
Chloroform	ND	5.0	96	93	3.2	97	102	5.0	70 - 130	30
Chloromethane	ND	5.0	103	100	3.0	101	104	2.9	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	97	97	0.0	95	97	2.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	110	106	3.7	96	102	6.1	70 - 130	30
Dibromochloromethane	ND	3.0	112	111	0.9	99	105	5.9	70 - 130	30
Dibromomethane	ND	5.0	104	103	1.0	98	102	4.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	108	106	1.9	107	109	1.9	70 - 130	30
Ethylbenzene	ND	5.0	116	114	1.7	109	114	4.5	70 - 130	30
Hexachlorobutadiene	ND	5.0	123	118	4.1	112	120	6.9	70 - 130	30
Isopropylbenzene	ND	5.0	115	111	3.5	109	113	3.6	70 - 130	30
m&p-Xylene	ND	5.0	118	115	2.6	112	115	2.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	91	93	2.2	89	92	3.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	5.0	96	95	1.0	95	98	3.1	70 - 130	30
Methylene chloride	ND	5.0	83	80	3.7	81	83	2.4	70 - 130	30
Naphthalene	ND	5.0	123	116	5.9	132	143	8.0	70 - 130	30
n-Butylbenzene	ND	5.0	126	122	3.2	116	120	3.4	70 - 130	30
n-Propylbenzene	ND	5.0	120	115	4.3	111	116	4.4	70 - 130	30
o-Xylene	ND	5.0	113	112	0.9	108	111	2.7	70 - 130	30
p-Isopropyltoluene	ND	5.0	120	117	2.5	113	117	3.5	70 - 130	30
sec-Butylbenzene	ND	5.0	118	114	3.4	112	117	4.4	70 - 130	30
Styrene	ND	5.0	100	97	3.0	94	97	3.1	70 - 130	30
tert-Butylbenzene	ND	5.0	115	111	3.5	109	113	3.6	70 - 130	30
Tetrachloroethene	ND	5.0	112	108	3.6	102	105	2.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	96	94	2.1	98	101	3.0	70 - 130	30
Toluene	ND	5.0	108	106	1.9	101	103	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	102	101	1.0	100	102	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	112	109	2.7	98	104	5.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	125	119	4.9	106	113	6.4	70 - 130	30
Trichloroethene	ND	5.0	109	105	3.7	101	104	2.9	70 - 130	30
Trichlorofluoromethane	ND	5.0	27	26	3.8	28	28	0.0	70 - 130	30

flag UJ

l,m

MS not associated.t

m

flag UJ

l,m

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorotrifluoroethane	ND	5.0	78	78	0.0	83	82	1.2	70 - 130	30
Vinyl chloride	ND	5.0	116	114	1.7	113	118	4.3	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	95	%	98	98	0.0	98	97	1.0	70 - 130	30
% Dibromofluoromethane	92	%	92	95	3.2	96	93	3.2	70 - 130	30
% Toluene-d8	96	%	97	97	0.0	96	96	0.0	70 - 130	30

QA/QC Batch 601708 (ug/kg), QC Sample No: CJ81300 (CJ80306, CJ80307, CJ80308)

Volatiles - Soil (Low Level)

Not project sample.

1,1,1,2-Tetrachloroethane	ND	5.0	117	115	1.7	112	114	1.8	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	104	102	1.9	98	98	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	104	97	7.0	90	86	4.5	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	105	100	4.9	106	104	1.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	106	104	1.9	99	100	1.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	105	1.9	93	92	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	108	103	4.7	105	103	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	106	102	3.8	104	102	1.9	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	104	97	7.0	102	100	2.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	107	103	3.8	104	102	1.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	104	101	2.9	83	82	1.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	104	97	7.0	102	102	0.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	106	102	3.8	107	105	1.9	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	105	101	3.9	102	102	0.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	104	99	4.9	99	98	1.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	102	99	3.0	100	98	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	102	1.9	97	95	2.1	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	105	101	3.9	104	103	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	109	105	3.7	107	106	0.9	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	105	102	2.9	104	102	1.9	70 - 130	30
2,2-Dichloropropane	ND	5.0	92	89	3.3	80	80	0.0	70 - 130	30
2-Chlorotoluene	ND	5.0	106	103	2.9	107	107	0.0	70 - 130	30
2-Hexanone	ND	25	91	85	6.8	91	87	4.5	70 - 130	30
2-Isopropyltoluene	ND	5.0	105	102	2.9	101	100	1.0	70 - 130	30
4-Chlorotoluene	ND	5.0	107	103	3.8	107	106	0.9	70 - 130	30
4-Methyl-2-pentanone	ND	25	98	89	9.6	95	90	5.4	70 - 130	30
Acetone	ND	10	90	86	4.5	92	84	9.1	70 - 130	30
Acrylonitrile	ND	5.0	101	94	7.2	95	93	2.1	70 - 130	30
Benzene	ND	1.0	105	102	2.9	97	97	0.0	70 - 130	30
Bromobenzene	ND	5.0	104	100	3.9	107	107	0.0	70 - 130	30
Bromochloromethane	ND	5.0	108	105	2.8	106	105	0.9	70 - 130	30
Bromodichloromethane	ND	5.0	108	104	3.8	103	103	0.0	70 - 130	30
Bromoform	ND	5.0	119	114	4.3	112	112	0.0	70 - 130	30
Bromomethane	ND	5.0	114	113	0.9	98	98	0.0	70 - 130	30
Carbon Disulfide	ND	5.0	101	99	2.0	82	84	2.4	70 - 130	30
Carbon tetrachloride	ND	5.0	115	112	2.6	104	105	1.0	70 - 130	30
Chlorobenzene	ND	5.0	109	107	1.9	108	107	0.9	70 - 130	30
Chloroethane	ND	5.0	110	110	0.0	92	94	2.2	70 - 130	30
Chloroform	ND	5.0	107	104	2.8	100	100	0.0	70 - 130	30
Chloromethane	ND	5.0	102	100	2.0	92	92	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	110	108	1.8	107	108	0.9	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	103	99	4.0	98	98	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	115	112	2.6	112	112	0.0	70 - 130	30
Dibromomethane	ND	5.0	107	101	5.8	105	103	1.9	70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	5.0	114	108	5.4	101	98	3.0	70 - 130	30
Ethylbenzene	●	ND	110	109	0.9	98	97	1.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	102	99	3.0	84	78	7.4	70 - 130	30
Isopropylbenzene	ND	1.0	104	102	1.9	104	103	1.0	70 - 130	30
m&p-Xylene	ND	2.0	109	108	0.9	98	98	0.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	91	4.3	86	86	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	88	4.4	84	82	2.4	70 - 130	30
Methylene chloride	●	ND	90	88	2.2	80	80	0.0	70 - 130	30
Naphthalene	ND	5.0	102	97	5.0	96	96	0.0	70 - 130	30
n-Butylbenzene	ND	1.0	111	107	3.7	96	93	3.2	70 - 130	30
n-Propylbenzene	ND	1.0	107	103	3.8	98	97	1.0	70 - 130	30
o-Xylene	ND	2.0	106	103	2.9	97	98	1.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	103	2.9	101	99	2.0	70 - 130	30
sec-Butylbenzene	ND	1.0	108	105	2.8	100	99	1.0	70 - 130	30
Styrene	ND	5.0	106	103	2.9	105	103	1.9	70 - 130	30
tert-Butylbenzene	ND	1.0	105	102	2.9	102	101	1.0	70 - 130	30
Tetrachloroethene	ND	5.0	107	102	4.8	105	104	1.0	70 - 130	30
Tetrahydrofuran (THF)	○	ND	98	92	6.3	89	86	3.4	70 - 130	30
Toluene	○	ND	106	102	3.8	99	98	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	105	103	1.9	94	93	1.1	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	99	4.9	96	96	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	107	100	6.8	96	94	2.1	70 - 130	30
Trichloroethene	○	ND	107	104	2.8	119	120	0.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	125	121	3.3	103	104	1.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	102	99	3.0	91	90	1.1	70 - 130	30
Vinyl chloride	ND	5.0	109	107	1.9	92	92	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	98	1.0	98	98	0.0	70 - 130	30
% Bromofluorobenzene	93	%	99	99	0.0	97	96	1.0	70 - 130	30
% Dibromofluoromethane	98	%	99	97	2.0	97	95	2.1	70 - 130	30
% Toluene-d8	98	%	99	98	1.0	98	98	0.0	70 - 130	30

QA/QC Batch 601708H (ug/kg), QC Sample No: CJ81300 (CJ80299 (50X) , CJ80301 (50X) , CJ80303 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	5.0	124	118	5.0	105	113	7.3	70 - 130	30
1,1,1-Trichloroethane	●	ND	108	106	1.9	93	98	5.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	107	105	1.9	95	104	9.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	107	105	1.9	97	105	7.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	111	108	2.7	95	101	6.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	76	69	9.7	63	67	6.2	70 - 130	30
1,1-Dichloropropene	●	ND	117	114	2.6	104	109	4.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	124	122	1.6	102	120	16.2	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	110	108	1.8	98	107	8.8	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	127	126	0.8	105	123	15.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	5.0	117	113	3.5	103	111	7.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	107	105	1.9	90	101	11.5	70 - 130	30
1,2-Dibromoethane	●	ND	112	108	3.6	100	107	6.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	116	113	2.6	101	111	9.4	70 - 130	30
1,2-Dichloroethane	ND	5.0	106	104	1.9	94	100	6.2	70 - 130	30
1,2-Dichloropropane	ND	5.0	108	104	3.8	95	101	6.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	5.0	118	115	2.6	105	113	7.3	70 - 130	30
1,3-Dichlorobenzene	○	ND	119	116	2.6	105	114	8.2	70 - 130	30
1,3-Dichloropropane	ND	5.0	115	111	3.5	103	109	5.7	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	120	115	4.3	104	113	8.3	70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,2-Dichloropropane	ND	5.0	92	87	5.6	70	77	9.5	70 - 130	30
2-Chlorotoluene	ND	5.0	120	117	2.5	108	117	8.0	70 - 130	30
2-Hexanone	ND	25	92	89	3.3	78	85	8.6	70 - 130	30
2-Isopropyltoluene	ND	5.0	119	115	3.4	103	111	7.5	70 - 130	30
4-Chlorotoluene	ND	5.0	121	117	3.4	107	116	8.1	70 - 130	30
4-Methyl-2-pentanone	ND	25	94	91	3.2	81	89	9.4	70 - 130	30
Acetone	ND	10	67	64	4.6	55	57	3.6	70 - 130	30
Acrylonitrile	ND	5.0	98	97	1.0	85	93	9.0	70 - 130	30
Benzene	ND	5.0	114	111	2.7	102	108	5.7	70 - 130	30
Bromobenzene	ND	5.0	114	112	1.8	104	113	8.3	70 - 130	30
Bromochloromethane	ND	5.0	111	109	1.8	99	106	6.8	70 - 130	30
Bromodichloromethane	ND	5.0	111	106	4.6	94	101	7.2	70 - 130	30
Bromoform	ND	5.0	120	112	6.9	96	104	8.0	70 - 130	30
Bromomethane	ND	5.0	63	61	3.2	53	57	7.3	70 - 130	30
Carbon Disulfide	ND	5.0	70	62	12.1	54	58	7.1	70 - 130	30
Carbon tetrachloride	ND	5.0	115	110	4.4	93	99	6.3	70 - 130	30
Chlorobenzene	ND	5.0	120	116	3.4	106	113	6.4	70 - 130	30
Chloroethane	ND	5.0	34	32	6.1	29	30	3.4	70 - 130	30
Chloroform	ND	5.0	111	108	2.7	97	102	5.0	70 - 130	30
Chloromethane	ND	5.0	116	110	5.3	92	96	4.3	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	113	110	2.7	103	111	7.5	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	105	101	3.9	89	97	8.6	70 - 130	30
Dibromochloromethane	ND	3.0	120	114	5.1	101	109	7.6	70 - 130	30
Dibromomethane	ND	5.0	109	106	2.8	97	104	7.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	108	104	3.8	95	97	2.1	70 - 130	30
Ethylbenzene	ND	5.0	123	118	4.1	110	116	5.3	70 - 130	30
Hexachlorobutadiene	ND	5.0	128	126	1.6	114	121	6.0	70 - 130	30
Isopropylbenzene	ND	5.0	118	115	2.6	107	115	7.2	70 - 130	30
m&p-Xylene	ND	5.0	123	118	4.1	110	116	5.3	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	94	1.1	84	90	6.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	5.0	93	90	3.3	77	83	7.5	70 - 130	30
Methylene chloride	ND	5.0	90	85	5.7	74	78	5.3	70 - 130	30
Naphthalene	ND	5.0	113	114	0.9	95	113	17.3	70 - 130	30
n-Butylbenzene	ND	5.0	130	125	3.9	107	117	8.9	70 - 130	30
n-Propylbenzene	ND	5.0	122	119	2.5	107	116	8.1	70 - 130	30
o-Xylene	ND	5.0	118	113	4.3	105	112	6.5	70 - 130	30
p-Isopropyltoluene	ND	5.0	123	119	3.3	106	115	8.1	70 - 130	30
sec-Butylbenzene	ND	5.0	123	119	3.3	106	115	8.1	70 - 130	30
Styrene	ND	5.0	117	112	4.4	103	110	6.6	70 - 130	30
tert-Butylbenzene	ND	5.0	119	114	4.3	105	111	5.6	70 - 130	30
Tetrachloroethene	ND	5.0	117	114	2.6	109	116	6.2	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	97	95	2.1	81	88	8.3	70 - 130	30
Toluene	ND	5.0	114	111	2.7	103	109	5.7	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	111	106	4.6	90	94	4.3	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	102	98	4.0	85	93	9.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	106	100	5.8	83	92	10.3	70 - 130	30
Trichloroethene	ND	5.0	118	114	3.4	106	111	4.6	70 - 130	30
Trichlorofluoromethane	ND	5.0	32	30	6.5	25	27	7.7	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	81	75	7.7	68	72	5.7	70 - 130	30
Vinyl chloride	ND	5.0	107	102	4.8	84	89	5.8	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	98	98	0.0	98	98	0.0	70 - 130	30
% Bromofluorobenzene	91	%	98	96	2.1	96	96	0.0	70 - 130	30
% Dibromofluoromethane	94	%	93	93	0.0	92	93	1.1	70 - 130	30

Flag UJ in 0299/030303

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Flag UJ in 0299/030303

NO MS not project

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Toluene-d8	97	%	97	97	0.0	97	97	0.0	70 - 130	30
QA/QC Batch 601888 (ug/kg), QC Sample No: CJ81928 (CJ80626)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	103	113	9.3				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	93	100	7.3				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	92	98	6.3				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	93	101	8.2				70 - 130	30
1,1-Dichloroethane	ND	5.0	89	99	10.6				70 - 130	30
1,1-Dichloroethene	ND	5.0	92	102	10.3				70 - 130	30
1,1-Dichloropropene	ND	5.0	93	101	8.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	101	113	11.2				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	86	100	15.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	100	109	8.6				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	92	100	8.3				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	104	117	11.8				70 - 130	30
1,2-Dibromoethane	ND	5.0	100	107	6.8				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	96	106	9.9				70 - 130	30
1,2-Dichloroethane	ND	5.0	94	102	8.2				70 - 130	30
1,2-Dichloropropane	ND	5.0	90	97	7.5				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	93	102	9.2				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	92	101	9.3				70 - 130	30
1,3-Dichloropropane	ND	5.0	95	103	8.1				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	94	103	9.1				70 - 130	30
2,2-Dichloropropane	ND	5.0	93	101	8.2				70 - 130	30
2-Chlorotoluene	ND	5.0	95	104	9.0				70 - 130	30
2-Hexanone	ND	25	89	93	4.4				70 - 130	30
2-Isopropyltoluene	ND	5.0	93	103	10.2				70 - 130	30
4-Chlorotoluene	ND	5.0	94	104	10.1				70 - 130	30
4-Methyl-2-pentanone	ND	25	91	96	5.3				70 - 130	30
Acetone	ND	10	82	86	4.8				70 - 130	30
Acrylonitrile	ND	5.0	87	97	10.9				70 - 130	30
Benzene	ND	1.0	91	98	7.4				70 - 130	30
Bromobenzene	ND	5.0	98	108	9.7				70 - 130	30
Bromochloromethane	ND	5.0	81	88	8.3				70 - 130	30
Bromodichloromethane	ND	5.0	97	105	7.9				70 - 130	30
Bromoform	ND	5.0	106	115	8.1				70 - 130	30
Bromomethane	ND	5.0	94	107	12.9				70 - 130	30
Carbon Disulfide	ND	5.0	84	92	9.1				70 - 130	30
Carbon tetrachloride	ND	5.0	99	100	1.0				70 - 130	30
Chlorobenzene	ND	5.0	95	103	8.1				70 - 130	30
Chloroethane	ND	5.0	91	104	13.3				70 - 130	30
Chloroform	ND	5.0	89	87	2.3				70 - 130	30
Chloromethane	ND	5.0	77	86	11.0				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	77	85	9.9				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	98	107	8.8				70 - 130	30
Dibromochloromethane	ND	3.0	103	112	8.4				70 - 130	30
Dibromomethane	ND	5.0	97	105	7.9				70 - 130	30
Dichlorodifluoromethane	ND	5.0	91	101	10.4				70 - 130	30
Ethylbenzene	ND	1.0	96	105	9.0				70 - 130	30
Hexachlorobutadiene	ND	5.0	93	105	12.1				70 - 130	30
Isopropylbenzene	ND	1.0	94	102	8.2				70 - 130	30
m&p-Xylene	ND	2.0	94	101	7.2				70 - 130	30

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl ethyl ketone	ND	5.0	80	84	4.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	103	9.1	o			70 - 130	30
Methylene chloride	ND	5.0	84	93	10.2				70 - 130	30
Naphthalene	ND	5.0	102	110	7.5				70 - 130	30
n-Butylbenzene	o	ND	92	102	10.3	o			70 - 130	30
n-Propylbenzene	ND	1.0	94	102	8.2				70 - 130	30
o-Xylene	ND	2.0	94	103	9.1				70 - 130	30
p-Isopropyltoluene	ND	1.0	94	103	9.1	o			70 - 130	30
sec-Butylbenzene	ND	1.0	91	100	9.4	o			70 - 130	30
Styrene	ND	5.0	96	103	7.0				70 - 130	30
tert-Butylbenzene	ND	1.0	94	103	9.1	o			70 - 130	30
Tetrachloroethene	ND	5.0	95	103	8.1				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	79	68	15.0	o			70 - 130	30
Toluene	ND	1.0	94	102	8.2				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	91	102	11.4				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	113	8.3				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	110	114	3.6				70 - 130	30
Trichloroethene	o	ND	94	102	8.2				70 - 130	30
Trichlorofluoromethane	ND	5.0	96	105	9.0	o			70 - 130	30
Trichlorotrifluoroethane	ND	5.0	85	93	9.0	o			70 - 130	30
Vinyl chloride	ND	5.0	89	101	12.6				70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	100	101	1.0				70 - 130	30
% Bromofluorobenzene	97	%	99	99	0.0	o			70 - 130	30
% Dibromofluoromethane	103	%	95	90	5.4				70 - 130	30
% Toluene-d8	92	%	98	99	1.0	o			70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

October 07, 2022

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 601362 (ppbv), QC Sample No: CJ80080 (CJ80288 (1X, 10X) , CJ80289 (100X) , CJ80290 (90X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	90	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.500	ND	2.73	108	8.07	7.85	1.48	1.44	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.14	92	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.020	ND	0.11	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.150	ND	0.61	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	83	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.020	ND	0.15	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.100	ND	0.60	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.020	ND	0.08	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.020	ND	0.09	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	102	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.500	ND	1.11	95	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.100	ND	0.60	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.080	ND	0.48	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.130	ND	0.47	90	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.500	ND	2.05	94	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.500	ND	2.46	106	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.500	ND	2.74	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	96	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.750	ND	1.78	98	76.7	78.1	32.3	32.9	1.8	70 - 130	25
Acrylonitrile	ND	0.500	ND	1.08	94	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	105	3.96	4.02	1.24	1.26	1.6	70 - 130	25
Benzyl chloride	ND	0.500	ND	2.59	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.020	ND	0.13	103	0.54	0.50	0.081	0.075	NC	70 - 130	25
Bromoform	ND	0.150	ND	1.55	104	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.140	ND	0.54	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	99	3.17	3.14	1.02	1.01	NC	70 - 130	25
Carbon Tetrachloride	ND	0.086	ND	0.54	112	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	94	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	96	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	107	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.200	ND	0.79	106	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.100	ND	0.45	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.500	ND	1.72	107	2.57	2.67	0.746	0.777	NC	70 - 130	25
Dibromochloromethane	ND	0.020	ND	0.17	107	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	105	256	262	51.7	53.1	2.7	70 - 130	25
Ethanol	ND	0.750	ND	1.41	90	6.38	5.71	3.39	3.03	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %		Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.500	ND	1.80	123		ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	○	ND	0.500	ND	2.17	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.500	ND	2.05	101		ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.020	ND	0.21	88		ND	ND	ND	ND	NC	70 - 130	25
Hexane	○	ND	0.450	ND	1.59	109	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.750	ND	1.84	107		2.02	2.20	0.823	0.894	NC	70 - 130	25
Isopropylbenzene	ND	0.500	ND	2.46	97	○	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	1.00	ND	4.34	106		ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.450	ND	1.33	101		4.66	4.77	1.58	1.62	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	106		ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	3.00	ND	10.4	90		ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.500	ND	2.74	106		ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	○	ND	0.500	ND	2.17	100	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.500	ND	0.86	101		ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.500	ND	2.74	104		ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	104		ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.100	ND	0.68	106		4.70	4.79	0.694	0.707	1.9	70 - 130	25
Tetrahydrofuran	ND	0.500	ND	1.47	99		ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.500	ND	1.88	107		3.38	3.37	0.897	0.894	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	107	○	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	98		ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	○	ND	0.050	ND	0.27	104	1.67	1.73	0.311	0.322	3.5	70 - 130	25
Trichlorofluoromethane	ND	0.500	ND	2.81	108		24.1	24.6	4.30	4.38	1.8	70 - 130	25
Trichlorotrifluoroethane	ND	0.500	ND	3.83	104		ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.100	ND	0.26	99		ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	96	%	96	%	92		102	91	102	91	NC	70 - 130	25
% IS-1,4-Difluorobenzene	104	%	104	%	106		101	100	101	100	NC	60 - 140	25
% IS-Bromochloromethane	103	%	103	%	105		101	99	101	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	101	%	101	%	129		99	109	99	109	NC	60 - 140	25

QA/QC Batch 601271 (ppbv), QC Sample No: CJ80291 (CJ80289 (5X) , CJ80290 (5X) , CJ80291, CJ80292, CJ80293 (5X))

Volatiles**AA-CB**

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	104		ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	106		ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	○	ND	0.150	ND	1.03	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	107		ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	109		ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	109		ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	100		ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	○	ND	0.200	ND	0.98	109	1.17	1.08	0.239	0.220	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	106		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	111		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	111		ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	105		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	110		ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	●	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	101		ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	108		ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	107		ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	92		ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	108	●	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	107		ND	1.03	ND	0.210	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	106		ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	111	1.56	1.52	0.382	0.372	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	93	48.9	49.1	20.6	20.7	0.5	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	102	1.43	1.43	0.447	0.449	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	94	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	112	0.57	0.57	0.091	0.091	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	112	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	114	2.50	2.64	0.506	0.535	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	93	23.2	21.7	12.3	11.5	6.7	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	94	1.08	1.04	0.306	0.295	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	120	2.39	2.36	0.974	0.961	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	107	2.58	2.63	0.595	0.605	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	103	3.74	3.77	1.27	1.28	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	84	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	100	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	110	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	106	0.37	0.39	0.055	0.058	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	107	2.99	3.14	0.794	0.834	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	112	0.20	ND	0.037	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	113	1.40	1.38	0.250	0.246	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	102	%	102	%	102	102	102	102	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	98	94	90	94	90	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	100	93	91	93	91	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	101	95	92	95	92	NC	60 - 140	25

QA/QC Batch 601360 (ppbv), QC Sample No: CJ80506 (CJ80293 (30X))

Volatiles

1,1,1-Trichloroethane	ND	0.180	ND	0.98	106	1.44	1.46	0.264	0.267	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCJ80288

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	98	%	98	%	103	101	98	101	98	NC	70 - 130	25
% IS-1,4-Difluorobenzene	89	%	89	%	96	87	91	87	91	NC	60 - 140	25
% IS-Bromochloromethane	82	%	82	%	94	80	82	80	82	NC	60 - 140	25
% IS-Chlorobenzene-d5	88	%	88	%	96	88	93	88	93	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

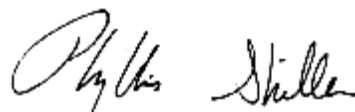
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

October 07, 2022

Lab Name: Phoenix Environmental Labs Client: GZA-NY

Lab Code: Phoenix Case No.: SDG: GCJ80288

QC Batch Id: 601362 QC Sample Id: CJ80080

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CJ80080 LCS	CJ80080 LCS	92	⊙			0
02	CJ80080 BLANK	CJ80080 BLANK	97				0
03	CJ80080 QC	CJ80080 QC	102	⊙			0
04	80080 dup	CJ80080 DUP	91				0
05	SV-16 90X	CJ80290 90X	97	⊙			0
06	SV-15 100X	CJ80289 100X	98				0
07	SV-14	CJ80288	106				0
08	SV-14 10X	Cj80288 10X	94	⊙			0
09							
10							
11							
12							
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Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

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Lab Name: Phoenix Environmental Labs Client: GZA-NY

Lab Code: Phoenix Case No.: SDG: GCJ80288

QC Batch Id: 601271 QC Sample Id: CJ80291

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CJ80291 LCS	CJ80291 LCS	102	⦿			0
02	CJ80291 BLANK	CJ80291 BLANK	102	⦿			0
03	AA-CB	CJ80291	102				0
04	AA-CB DUP	CJ80291 DUP	102	●			0
05	AA-02	CJ80292	99				0
06	SV-15 5X	CJ80289 5X	104	●			0
07	SV-16 5X	CJ80290 5X	101				0
08	SV-13 5X	CJ80293 5X	103				0
09	CJ80080 QC 5X	CJ80080 QC 5X	100	⦿			0
10							
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13							
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Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

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Lab Name: Phoenix Environmental Labs Client: GZA-NY
 Lab Code: Phoenix Case No.: SDG: GCJ80288
 QC Batch Id: 601360 QC Sample Id: CJ80506

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CJ80506 LCS	CJ80506 LCS	103	⊙			0
02	CJ80506 BLANK	CJ80506 BLANK	98				0
03	CJ80506 QC	CJ80506 QC	101				0
04	80506 dup	CJ80506 DUP	98	●			0
05	CJ80506 QC 10X	CJ80506 QC 10X	99				0
06	SV-13 30X	CJ80293 30X	98	● ●			0
07							
08							
09							
10							
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Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

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3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: GZA-NY
 Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCJ80288
 LCS - Client Id: CJ80080 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.07	101	70	130
Dichlorodifluoromethane	10		10.54	105	70	130
Chloromethane	10		10.74	107	70	130
1,2-Dichlorotetrafluoroethane	10		10.16	102	70	130
Vinyl Chloride	10		9.912	99	70	130
1,3-Butadiene	10		9.545	95	70	130
Bromomethane	10		9.421	94	70	130
Chloroethane	10		9.633	96	70	130
Ethanol	5		4.752	95	70	130
Acetone	10		9.845	98	70	130
Trichlorofluoromethane	10		10.78	108	70	130
Isopropylalcohol	7		7.169	102	70	130
Acrylonitrile	10		9.377	94	70	130
1,1-Dichloroethene	10		11.24	112	70	130
Methylene Chloride	10		8.957	90	70	130
Carbon Disulfide	10		9.895	99	70	130
Trichlorotrifluoroethane	10		10.42	104	70	130
Trans-1,2-Dichloroethene	10		10.66	107	70	130
1,1-Dichloroethane	10		10.43	104	70	130
Methyl tert-butyl ether(MTBE)	10		10.64	106	70	130
Methyl Ethyl Ketone	10		10.13	101	70	130
Cis-1,2-Dichloroethene	10		10.56	106	70	130
Hexane	10		10.87	109	70	130
Chloroform	10		10.35	104	70	130
Ethyl acetate	10		12.29	123	70	130
Tetrahydrofuran	10		9.905	99	70	130
1,2-Dichloroethane	10		10.48	105	70	130
1,1,1-Trichloroethane	10		10.80	108	70	130
Benzene	10		10.48	105	70	130
Carbon Tetrachloride	10		11.21	112	70	130
Cyclohexane	10		10.69	107	70	130
1,2-dichloropropane	10		9.771	98	70	130
Bromodichloromethane	10		10.31	103	70	130
Trichloroethene	10		10.45	105	70	130
1,4-Dioxane	10		8.991	90	70	130
Heptane	10		10.09	101	70	130
cis-1,3-Dichloropropene	10		10.77	108	70	130
4-Methyl-2-pentanone(MIBK)	10		9.639	96	70	130
trans-1,3-Dichloropropene	10		9.843	98	70	130
1,1,2-Trichloroethane	10		10.14	101	70	130
Toluene	10		10.71	107	70	130
Dibromochloromethane	10		10.74	107	70	130
2-Hexanone(MBK)	10		9.395	94	70	130
1,2-Dibromoethane(EDB)	10		10.16	102	70	130

FORM III AIR

LCS - Client Id: CJ80080 LCS

[illegible]

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: GZA-NY
 Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCJ80288
 LCS - Client Id: CJ80291 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.53	105	70	130
Dichlorodifluoromethane	10		11.42	114	70	130
Chloromethane	10		11.15	112	70	130
1,2-Dichlorotetrafluoroethane	10		11.04	110	70	130
Vinyl Chloride	10		10.35	104	70	130
1,3-Butadiene	10		10.08	101	70	130
Bromomethane	10		10.19	102	70	130
Chloroethane	10		10.01	100	70	130
Ethanol	5		4.919	98	70	130
Acetone	10		9.261	93	70	130
Trichlorofluoromethane	10		11.25	113	70	130
Isopropylalcohol	7		8.025	115	70	130
Acrylonitrile	10		9.196	92	70	130
1,1-Dichloroethene	10		10.89	109	70	130
Methylene Chloride	10		10.02	100	70	130
Carbon Disulfide	10		9.815	98	70	130
Trichlorotrifluoroethane	10		10.63	106	70	130
Trans-1,2-Dichloroethene	10		10.20	102	70	130
1,1-Dichloroethane	10		10.86	109	70	130
Methyl tert-butyl ether(MTBE)	10		8.408	84	70	130
Methyl Ethyl Ketone	10		10.29	103	70	130
Cis-1,2-Dichloroethene	10		10.49	105	70	130
Hexane	10		9.387	94	70	130
Chloroform	10		10.11	101	70	130
Ethyl acetate	10		11.70	117	70	130
Tetrahydrofuran	10		9.697	97	70	130
1,2-Dichloroethane	10		11.13	111	70	130
1,1,1-Trichloroethane	10		10.64	106	70	130
Benzene	10		10.23	102	70	130
Carbon Tetrachloride	10		11.17	112	70	130
Cyclohexane	10		9.888	99	70	130
1,2-dichloropropane	10		10.50	105	70	130
Bromodichloromethane	10		10.95	110	70	130
Trichloroethene	10		11.24	112	70	130
1,4-Dioxane	10		9.244	92	70	130
Heptane	10		10.60	106	70	130
cis-1,3-Dichloropropene	10		10.80	108	70	130
4-Methyl-2-pentanone(MIBK)	10		11.14	111	70	130
trans-1,3-Dichloropropene	10		10.59	106	70	130
1,1,2-Trichloroethane	10		10.66	107	70	130
Toluene	10		10.67	107	70	130
Dibromochloromethane	10		11.25	113	70	130
2-Hexanone(MBK)	10		10.80	108	70	130
1,2-Dibromoethane(EDB)	10		10.64	106	70	130

FORM III AIR

LCS - Client Id: CJ80291 LCS

[illegible]

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: GZA-NY
 Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCJ80288
 LCS - Client Id: CJ80506 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.52	105	70	130
Dichlorodifluoromethane	10		11.41	114	70	130
Chloromethane	10		11.03	110	70	130
1,2-Dichlorotetrafluoroethane	10		11.00	110	70	130
Vinyl Chloride	10		10.59	106	70	130
1,3-Butadiene	10		9.971	100	70	130
Bromomethane	10		10.20	102	70	130
Chloroethane	10		10.00	100	70	130
Ethanol	5		4.919	98	70	130
Acetone	10		9.134	91	70	130
Trichlorofluoromethane	10		11.24	112	70	130
Isopropylalcohol	7		7.865	112	70	130
Acrylonitrile	10		9.147	91	70	130
1,1-Dichloroethene	10		10.85	109	70	130
Methylene Chloride	10		9.923	99	70	130
Carbon Disulfide	10		9.770	98	70	130
Trichlorotrifluoroethane	10		10.52	105	70	130
Trans-1,2-Dichloroethene	10		10.38	104	70	130
1,1-Dichloroethane	10		10.89	109	70	130
Methyl tert-butyl ether(MTBE)	10		10.10	101	70	130
Methyl Ethyl Ketone	10		10.11	101	70	130
Cis-1,2-Dichloroethene	10		10.51	105	70	130
Hexane	10		9.357	94	70	130
Chloroform	10		10.13	101	70	130
Ethyl acetate	10		11.76	118	70	130
Tetrahydrofuran	10		9.526	95	70	130
1,2-Dichloroethane	10		11.19	112	70	130
1,1,1-Trichloroethane	10		10.56	106	70	130
Benzene	10		9.587	96	70	130
Carbon Tetrachloride	10		10.91	109	70	130
Cyclohexane	10		9.867	99	70	130
1,2-dichloropropane	10		10.38	104	70	130
Bromodichloromethane	10		10.92	109	70	130
Trichloroethene	10		11.37	114	70	130
1,4-Dioxane	10		9.119	91	70	130
Heptane	10		10.87	109	70	130
cis-1,3-Dichloropropene	10		10.99	110	70	130
4-Methyl-2-pentanone(MIBK)	10		11.05	111	70	130
trans-1,3-Dichloropropene	10		10.68	107	70	130
1,1,2-Trichloroethane	10		10.59	106	70	130
Toluene	10		10.86	109	70	130
Dibromochloromethane	10		11.14	111	70	130
2-Hexanone(MBK)	10		10.74	107	70	130
1,2-Dibromoethane(EDB)	10		10.57	106	70	130

FORM III AIR

LCS - Client Id: CJ80506 LCS

FORM III AIR

4A
AIR METHOD BLANK SUMMARY

Client ID

CJ80080 BLANK

Lab Name: Phoenix Environmental Labs

Client: _____

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GCJ80288

Lab File ID: 1118_06.D

Lab Sample ID: CJ80080 BLK

Date Analyzed: 11/18/2021

Time Analyzed: 10:28

GC Column: RTX-1 60M

Lab Batch ID: 601362

Instrument ID: CHEM20

Heated Purge:(Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING QC AND FIELD SAMPLES:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CJ80080 LCS	CJ80080 LCS	1118_04.D	09:17
02	CJ80080 QC	CJ80080	1118_09.D	12:28
03	80080 dup	CJ80080 DUP	1118_10.D	13:08
04	SV-16 90X	CJ80290 90X	1118_13.D	14:23
05	SV-15 100X	CJ80289 100X	1118_14.D	14:59
06	SV-14	CJ80288	1118_15.D	15:42
07	SV-14 10X	Cj80288 10X	1118_16.D	16:18
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COMMENTS:

FORM IV AIR

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CJ80080 BLANK

Client: GZA-NY Lab: Phoenix Env. Labs

SDG No.: G CJ80288

Lab Sample ID: CJ80080 BL

Canister: BL

Lab File ID: 1118_06.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 11/17/21

Purge Volume 200 (cc)

Date Analyzed: 11/18/21

Matrix: AIR

Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.500	U	0.500	0.500	r
75-71-8	Dichlorodifluoromethane	0.500	U	0.500	0.500	r
74-87-3	Chloromethane	0.500	U	0.500	0.500	r
106-99-0	1,3-Butadiene	0.500	U	0.500	0.500	r
75-00-3	Chloroethane	0.500	U	0.500	0.500	r
64-17-5	Ethanol	0.750	U	0.750	0.750	r
67-64-1	Acetone	0.750	U	0.750	0.750	r
67-63-0	Isopropylalcohol	0.750	U	0.750	0.750	r
107-13-1	Acrylonitrile	0.500	U	0.500	0.500	r
75-09-2	Methylene Chloride	3.00	U	3.00	3.00	r
75-15-0	Carbon Disulfide	0.500	U	0.500	0.500	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.500	U	0.500	0.500	r
78-93-3	Methyl Ethyl Ketone	0.450	U	0.450	0.450	r
110-54-3	Hexane	0.450	U	0.450	0.450	r
141-78-6	Ethyl acetate	0.500	U	0.500	0.500	r
109-99-9	Tetrahydrofuran	0.500	U	0.500	0.500	r
110-82-7	Cyclohexane	0.500	U	0.500	0.500	r
142-82-5	Heptane	0.500	U	0.500	0.500	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.500	U	0.500	0.500	r
10061-02-6	trans-1,3-Dichloropropene	0.500	U	0.500	0.500	r
108-88-3	Toluene	0.500	U	0.500	0.500	r
591-78-6	2-Hexanone(MBK)	0.500	U	0.500	0.500	r
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U	0.500	0.500	r
108-90-7	Chlorobenzene	0.200	U	0.200	0.200	r
100-41-4	Ethylbenzene	0.500	U	0.500	0.500	r
100-42-5	Styrene	0.200	U	0.200	0.200	r
95-47-6	o-Xylene	0.500	U	0.500	0.500	r
98-82-8	Isopropylbenzene	0.500	U	0.500	0.500	r
622-96-8	4-Ethyltoluene	0.500	U	0.500	0.500	r
108-67-8	1,3,5-Trimethylbenzene	0.500	U	0.500	0.500	r
95-63-6	1,2,4-Trimethylbenzene	0.500	U	0.500	0.500	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.500	U	0.500	0.500	r
75-01-4	Vinyl Chloride(sim)	0.100	U	0.100	0.100	r
74-83-9	Bromomethane(sim)	0.140	U	0.140	0.140	r
75-69-4	Trichlorofluoromethane(sim)	0.500	U	0.500	0.500	r
107-06-2	1,2-Dichloroethane(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CJ80080 BL
Canister:	BL	Lab File ID:	1118_06.D
Instrument:	CHEM20	Column:	RTX-1 60M
Purge Volume	200	(cc)	Date Received: 11/17/21
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
71-55-6	1,1,1-Trichloroethane(sim)	0.500	U	0.500	0.500	r
71-43-2	Benzene(sim)	0.200	U	0.200	0.200	r
56-23-5	Carbon Tetrachloride(sim)	0.086	U	0.086	0.086	r
75-35-4	1,1-Dichloroethene(sim)	0.200	U	0.200	0.200	r
76-13-1	Trichlorotrifluoroethane(sim)	0.500	U	0.500	0.500	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
75-34-3	1,1-Dichloroethane(sim)	0.150	U	0.150	0.150	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
78-87-5	1,2-dichloropropane(sim)	0.020	U	0.020	0.020	r
75-27-4	Bromodichloromethane(sim)	0.020	U	0.020	0.020	r
79-01-6	Trichloroethene(sim)	0.050	U	0.050	0.050	r
123-91-1	1,4-Dioxane(sim)	0.130	U	0.130	0.130	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.100	U	0.100	0.100	r
79-00-5	1,1,2-Trichloroethane(sim)	0.020	U	0.020	0.020	r
124-48-1	Dibromochloromethane(sim)	0.020	U	0.020	0.020	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.020	U	0.020	0.020	r
127-18-4	Tetrachloroethene(sim)	0.100	U	0.100	0.100	r
75-25-2	Bromoform(sim)	0.150	U	0.150	0.150	r
179601-23-1	m,p-Xylene(sim)	1.00	U	1.00	1.00	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.020	U	0.020	0.020	r
100-44-7	Benzyl chloride(sim)	0.500	U	0.500	0.500	r
541-73-1	1,3-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
106-46-7	1,4-Dichlorobenzene(sim)	0.080	U	0.080	0.080	r
135-98-8	sec-Butylbenzene(sim)	0.500	U	0.500	0.500	r
99-87-6	4-Isopropyltoluene(sim)	0.500	U	0.500	0.500	r
95-50-1	1,2-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
104-51-8	n-Butylbenzene(sim)	0.500	U	0.500	0.500	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.054	U	0.054	0.054	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

4A
AIR METHOD BLANK SUMMARY

Client ID

CJ80291 BLANK

Lab Name: Phoenix Environmental Labs

Client: _____

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GCJ80288

Lab File ID: 1117_06.D

Lab Sample ID: CJ80291 BLK

Date Analyzed: 11/17/2021

Time Analyzed: 15:47

GC Column: RTX-VMS

Lab Batch ID: 601271

Instrument ID: CHEM24

Heated Purge:(Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING QC AND FIELD SAMPLES:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CJ80291 LCS	CJ80291 LCS	1117_04.D	14:46
02	AA-CB	CJ80291	1117_08.D	18:29
03	AA-CB DUP	CJ80291 DUP	1117_09.D	19:05
04	AA-02	CJ80292	1117_10.D	19:39
05	SV-15 5X	CJ80289 5X	1117_12.D	20:43
06	SV-16 5X	CJ80290 5X	1117_13.D	21:17
07	SV-13 5X	CJ80293 5X	1117_14.D	21:50
08	CJ80080 QC 5X	CJ80080 5X	1117_25.D	03:45
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COMMENTS:

FORM IV AIR

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CJ80291 BLANK

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CJ80291 BL
Canister:	BL	Lab File ID:	1117_06.D
Instrument:	CHEM24	Column:	RTX-VMS
		Date Received:	11/17/21
Purge Volume	200 (cc)	Date Analyzed:	11/17/21
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.580	U	0.580	0.580	r
75-71-8	Dichlorodifluoromethane	0.200	U	0.200	0.200	r
74-87-3	Chloromethane	0.480	U	0.480	0.480	r
106-99-0	1,3-Butadiene	0.450	U	0.450	0.450	r
75-00-3	Chloroethane	0.380	U	0.380	0.380	r
64-17-5	Ethanol	0.530	U	0.530	0.530	r
67-64-1	Acetone	0.420	U	0.420	0.420	r
67-63-0	Isopropylalcohol	0.410	U	0.410	0.410	r
107-13-1	Acrylonitrile	0.460	U	0.460	0.460	r
75-09-2	Methylene Chloride	0.860	U	0.860	0.860	r
75-15-0	Carbon Disulfide	0.320	U	0.320	0.320	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.280	U	0.280	0.280	r
78-93-3	Methyl Ethyl Ketone	0.340	U	0.340	0.340	r
110-54-3	Hexane	0.280	U	0.280	0.280	r
141-78-6	Ethyl acetate	0.280	U	0.280	0.280	r
109-99-9	Tetrahydrofuran	0.340	U	0.340	0.340	r
110-82-7	Cyclohexane	0.290	U	0.290	0.290	r
142-82-5	Heptane	0.240	U	0.240	0.240	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.240	U	0.240	0.240	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.270	U	0.270	0.270	r
591-78-6	2-Hexanone(MBK)	0.240	U	0.240	0.240	r
108-90-7	Chlorobenzene	0.220	U	0.220	0.220	r
100-42-5	Styrene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.200	U	0.200	0.200	r
622-96-8	4-Ethyltoluene	0.200	U	0.200	0.200	r
108-67-8	1,3,5-Trimethylbenzene	0.200	U	0.200	0.200	r
95-63-6	1,2,4-Trimethylbenzene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.140	U	0.140	0.140	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.260	U	0.260	0.260	r
75-69-4	Trichlorofluoromethane(sim)	0.180	U	0.180	0.180	r
71-55-6	1,1,1-Trichloroethane(sim)	0.180	U	0.180	0.180	r
71-43-2	Benzene(sim)	0.310	U	0.310	0.310	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.050	U	0.050	0.050	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CJ80291 BLANK

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CJ80291 BL
Canister:	BL	Lab File ID:	1117_06.D
Instrument:	CHEM24	Column:	RTX-VMS
		Date Received:	11/17/21
Purge Volume	200	(cc)	
		Date Analyzed:	11/17/21
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-13-1	Trichlorotrifluoroethane(sim)	0.130	U	0.130	0.130	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.250	U	0.250	0.250	r
75-34-3	1,1-Dichloroethane(sim)	0.250	U	0.250	0.250	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.050	U	0.050	0.050	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
107-06-2	1,2-Dichloroethane(sim)	0.250	U	0.250	0.250	r
78-87-5	1,2-dichloropropane(sim)	0.220	U	0.220	0.220	r
75-27-4	Bromodichloromethane(sim)	0.150	U	0.150	0.150	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.280	U	0.280	0.280	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.180	U	0.180	0.180	r
124-48-1	Dibromochloromethane(sim)	0.120	U	0.120	0.120	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.150	U	0.150	0.150	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
95-47-6	o-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,1,2,2-Tetrachloroethane(sim)	0.150	U	0.150	0.150	r
100-44-7	Benzyl chloride(sim)	0.190	U	0.190	0.190	r
541-73-1	1,3-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
106-46-7	1,4-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
135-98-8	sec-Butylbenzene(sim)	0.180	U	0.180	0.180	r
99-87-6	4-Isopropyltoluene(sim)	0.180	U	0.180	0.180	r
95-50-1	1,2-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
104-51-8	n-Butylbenzene(sim)	0.180	U	0.180	0.180	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.130	U	0.130	0.130	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

4A
AIR METHOD BLANK SUMMARY

Client ID

CJ80506 BLANK

Lab Name: Phoenix Environmental Labs

Client: _____

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GCJ80288

Lab File ID: 1118_07.D

Lab Sample ID: CJ80506 BLK

Date Analyzed: 11/18/2021

Time Analyzed: 10:10

GC Column: RTX-VMS

Lab Batch ID: 601360

Instrument ID: CHEM24

Heated Purge:(Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING QC AND FIELD SAMPLES:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CJ80506 LCS	CJ80506 LCS	1118_03.D	08:33
02	CJ80506 QC	CJ80506	1118_09.D	11:17
03	80506 dup	CJ80506 DUP	1118_10.D	11:53
04	CJ80506 QC 10X	CJ80506 10X	1118_11.D	12:25
05	SV-13 30X	CJ80293 30X	1118_20.D	19:51
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS:

FORM IV AIR

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CJ80506 BLANK

Client: GZA-NY Lab: Phoenix Env. Labs

SDG No.: G CJ80288

Lab Sample ID: CJ80506 BL

Canister: BL

Lab File ID: 1118_07.D

Instrument: CHEM24 Column: RTX-VMS

Date Received: 11/17/21

Purge Volume 200 (cc)

Date Analyzed: 11/18/21

Matrix: AIR

Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.202	U	0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	0.531	U	0.531	0.531	r
67-64-1	Acetone	0.421	U	0.421	0.421	r
67-63-0	Isopropylalcohol	0.407	U	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r
71-55-6	1,1,1-Trichloroethane(sim)	0.180	U	0.180	0.180	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CJ80506 BLANK

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CJ80506 BL
Canister:	BL	Lab File ID:	1118_07.D
Instrument:	CHEM24	Column:	RTX-VMS
		Date Received:	11/17/21
Purge Volume	200 (cc)	Date Analyzed:	11/18/21
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
95-47-6	o-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Lab File ID: 1115_02.D BFB Injection Date: 11/15/21

Instrument ID: CHEM20 BFB Injection Time: 17:13

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 776, 777, 778; Background Corrected with Scan 771

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	21.6
75	30.0 - 66.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	98.6
175	4.0 - 9.0% of mass 174	8.2 (8.0)1
176	93.0 - 101.0% of mass 174	98.9 (97.5)1
177	5.0 - 9.0% of mass 176	6.5 (6.3)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	ICAL 0.02	0.02 ppb ; AIR	1115_03.D	11/15/21	17:48	
02	ICAL 0.035	0.035 ppb ; AIR	1115_04.D	11/15/21	18:23	
03	ICAL 0.05	0.05 ppb ; AIR	1115_05.D	11/15/21	18:59	
04	ICAL 0.1	0.10 ppb ; AIR	1115_06.D	11/15/21	21:23	
05	ICAL 0.2	0.20 ppb ; AIR	1115_07.D	11/15/21	21:59	
06	ICAL 0.5	0.50 ppb ; AIR	1115_08.D	11/15/21	22:37	
07	ICAL 2.5	2.5 ppb ; AIR	1115_09.D	11/15/21	23:14	
08	ICAL 5	5.0 ppb ; AIR	1115_10.D	11/15/21	23:50	
09	ICAL 25	25 ppb ; AIR	1115_11.D	11/16/21	00:28	
10	ICAL 40	40 ppb ; AIR	1115_12.D	11/16/21	01:07	
11	ICAL 1	1.0 ppb ; AIR	1115_14.D	11/16/21	02:17	
12	ICAL 10	10 ppb ; AIR	1115_15.D	11/16/21	02:53	
13						
14						
15						
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18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM20
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 21:59
Calibration Date Thru: 11/16/21 02:53
Method File: 20_AIR_1115.M

Laboratory File Ids

RRF1	<u>1115_03.D</u>	RRF2	<u>1115_04.D</u>	RRF3	<u>1115_05.D</u>	RRF4	<u>1115_06.D</u>	RRF5	<u>1115_07.D</u>	RRF6	<u>1115_08.D</u>				
RRF7	<u>1115_14.D</u>	RRF8	<u>1115_09.D</u>	RRF9	<u>1115_10.D</u>	RRF10	<u>1115_15.D</u>	RRF11	<u>1115_11.D</u>	RRF12	<u>1115_12.D</u>				
COMPOUND	RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD	
Propylene					0.979	0.910	0.844	0.871	0.981	0.880	0.943	0.952	0.920	5.62	
Dichlorodifluoromethane					2.961	2.660	2.518	2.613	2.801	2.702	2.711	2.683	2.706	4.85	○
Chloromethane					1.038	0.883	0.854	0.900	0.996	0.895	0.930	0.943	0.930	6.60	
1,2-Dichlorotetrafluoroethane					2.660	2.421	2.437	2.379	2.760	2.426	2.606	2.722	2.551	5.99	
Vinyl Chloride					0.923	0.936	0.852	0.841	0.958	0.841	0.905	0.913	0.896	5.06	
1,3-Butadiene					0.816	0.759	0.739	0.710	0.809	0.732	0.792	0.797	0.769	5.16	○
Bromomethane					0.934	0.831	0.763	0.852	0.928	0.860	0.904	0.896	0.871	6.55	
Chloroethane					0.468	0.391	0.400	0.395	0.424	0.373	0.405	0.394	0.406	7.10	
Ethanol						0.503	0.431	0.380	0.453	0.402	0.381	0.338	0.413	13.23	
Acetone					1.852	1.747	1.669	1.678	1.847	1.727	1.805	1.769	1.762	3.97	●
Trichlorofluoromethane					2.715	2.655	2.874	2.769	2.945	2.933	2.893	2.912	2.837	3.85	
Isopropylalcohol					2.365	2.088	1.929	1.984	2.102	2.022	1.996	1.739	2.028	8.72	
Acrylonitrile					0.698	0.679	0.652	0.716	0.738	0.656	0.700	0.684	0.690	4.19	●
1,1-Dichloroethene					1.506	1.330	1.394	1.419	1.531	1.660	1.693	1.721	1.532	9.60	
Methylene Chloride					1.932	1.530	1.330	1.261	1.344	1.232	1.290	1.267	1.398	16.78	
Carbon Disulfide					2.355	2.210	2.198	2.293	2.538	2.400	2.528	2.499	2.378	5.77	
Trichlorotrifluoroethane					2.081	1.911	2.067	1.976	2.181	2.097	2.150	2.147	2.076	4.43	
Trans-1,2-Dichloroethene					1.154	1.069	1.170	1.216	1.339	1.276	1.362	1.349	1.242	8.60	
1,1-Dichloroethane					1.526	1.419	1.463	1.451	1.606	1.515	1.599	1.538	1.515	4.47	
Methyl tert-butyl ether(MTBE)					2.495	2.125	2.374	2.300	2.480	2.437	2.523	2.501	2.404	5.63	●
Methyl Ethyl Ketone					2.535	2.293	2.345	2.347	2.621	2.458	2.630	2.614	2.480	5.59	
Cis-1,2-Dichloroethene						1.005	1.101	1.122	1.259	1.221	1.282	1.393	1.198	10.87	
Hexane					1.257	1.112	1.300	1.242	1.436	1.374	1.463	1.436	1.328	9.17	
Chloroform					1.995	1.812	1.908	1.964	2.131	2.038	2.117	2.096	2.008	5.54	
Ethyl acetate					0.204	0.243	0.276	0.239	0.303	0.283	0.303	0.294	0.268	13.32	●

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM20
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 21:59
Calibration Date Thru: 11/16/21 02:53
Method File: 20_AIR_1115.M

Laboratory File Ids

RRF1	<u>1115_03.D</u>	RRF2	<u>1115_04.D</u>	RRF3	<u>1115_05.D</u>	RRF4	<u>1115_06.D</u>	RRF5	<u>1115_07.D</u>	RRF6	<u>1115_08.D</u>				
RRF7	<u>1115_14.D</u>	RRF8	<u>1115_09.D</u>	RRF9	<u>1115_10.D</u>	RRF10	<u>1115_15.D</u>	RRF11	<u>1115_11.D</u>	RRF12	<u>1115_12.D</u>				
COMPOUND	RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD	
Tetrahydrofuran					1.130	1.080	1.154	1.121	1.264	1.199	1.319	1.268	1.192	7.10	
1,2-Dichloroethane					1.403	1.212	1.319	1.283	1.413	1.363	1.424	1.409	1.353	5.60	
1,1,1-Trichloroethane					2.193	2.115	2.286	2.254	2.460	2.418	2.445	2.475	2.331	5.88	
Benzene					2.710	2.623	2.821	2.717	3.038	2.872	3.042	2.969	2.849	5.57	
Carbon Tetrachloride					2.302	2.259	2.347	2.518	2.706	2.798	2.848	2.892	2.584	10.04	
Cyclohexane						0.851	0.961	1.001	1.098	1.030	1.110	1.095	1.021	9.13	
1,2-dichloropropane					0.318	0.257	0.271	0.247	0.277	0.261	0.270	0.259	0.270	7.96	
Bromodichloromethane					0.581	0.520	0.523	0.523	0.585	0.567	0.586	0.585	0.559	5.53	
Trichloroethene					0.415	0.350	0.400	0.373	0.417	0.415	0.391	0.385	0.393	5.99	
1,4-Dioxane					0.148	0.133	0.156	0.132	0.164	0.163	0.139	0.132	0.146	9.53	
Heptane					0.538	0.524	0.549	0.563	0.563	0.537	0.573	0.558	0.551	3.01	
cis-1,3-Dichloropropene					0.355	0.332	0.330	0.341	0.388	0.392	0.399	0.399	0.367	8.31	
4-Methyl-2-pentanone(MIBK)					0.757	0.705	0.700	0.666	0.793	0.794	0.810	0.794	0.752	7.26	
trans-1,3-Dichloropropene					0.394	0.311	0.322	0.308	0.358	0.359	0.367	0.373	0.349	9.09	
1,1,2-Trichloroethane					0.319	0.286	0.295	0.286	0.326	0.322	0.319	0.319	0.309	5.43	
Toluene					0.852	0.798	0.889	0.854	0.960	0.949	0.954	0.936	0.899	6.66	
Dibromochloromethane					0.578	0.565	0.633	0.586	0.666	0.682	0.695	0.709	0.639	8.93	
2-Hexanone(MBK)					0.518	0.530	0.590	0.579	0.675	0.662	0.707	0.700	0.620	12.18	
1,2-Dibromoethane(EDB)					0.418	0.380	0.474	0.425	0.494	0.497	0.510	0.520	0.465	10.93	
Tetrachloroethene					0.507	0.502	0.529	0.512	0.564	0.566	0.544	0.534	0.532	4.62	
1,1,1,2-Tetrachloroethane					1.272	1.157	1.219	1.105	1.060	1.201	0.879	0.767	1.081	16.15	
Chlorobenzene					1.696	1.605	1.831	1.627	1.603	1.672	1.362	1.211	1.576	12.50	
Ethylbenzene				2.644	2.516	2.453	2.735	2.601	2.624	2.774	2.247	1.941	2.504	10.52	
m,p-Xylene				1.983	1.826	1.915	1.753	2.079	2.090	2.194	1.803	1.389	1.893	12.65	
Bromoform					1.358	1.253	1.515	1.298	1.242	1.352	1.112	1.035	1.270	11.79	

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM20
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 21:59
Calibration Date Thru: 11/16/21 02:53
Method File: 20_AIR_1115.M

no curve provided for 124-tcb

Laboratory File Ids

RRF1	1115_03.D	RRF2	1115_04.D	RRF3	1115_05.D	RRF4	1115_06.D	RRF5	1115_07.D	RRF6	1115_08.D				
RRF7	1115_14.D	RRF8	1115_09.D	RRF9	1115_10.D	RRF10	1115_15.D	RRF11	1115_11.D	RRF12	1115_12.D				
COMPOUND	RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD	
Styrene					1.159	1.217	1.485	1.399	1.459	1.591	1.291	1.168	1.346	11.96	o
1,1,2,2-Tetrachloroethane					1.407	1.347	1.504	1.448	1.407	1.457	1.233	1.085	1.361	10.17	
o-Xylene				2.128	2.133	1.953	2.308	2.172	2.177	2.290	1.898	1.668	2.081	9.88	
Isopropylbenzene					2.972	2.914	3.158	2.998	3.026	3.207	2.563	2.016	2.857	13.70	
4-Ethyltoluene					2.573	2.586	3.163	2.960	3.088	3.346	2.676	2.047	2.805	14.87	o
1,3,5-Trimethylbenzene					2.465	2.359	2.817	2.629	2.589	2.777	2.312	1.838	2.473	12.70	
1,2,4-Trimethylbenzene					2.337	2.238	2.811	2.614	2.644	2.899	2.417	1.952	2.489	12.62	
Benzyl chloride					5.142	4.905	5.864	5.557	5.647	5.962	4.483	2.820	5.048	20.41	
1,3-Dichlorobenzene					1.162	1.166	1.606	1.526	1.628	1.830	1.452	1.280	1.456	16.38	o
1,4-Dichlorobenzene					0.924	0.916	1.283	1.291	1.396	1.630	1.342	1.201	1.248	19.09	
sec-Butylbenzene					3.457	3.434	3.916	3.799	3.869	4.103	3.369	2.216	3.520	16.74	
4-Isopropyltoluene					3.305	3.274	3.914	3.701	3.723	4.054	3.275	2.277	3.440	16.21	
1,2-Dichlorobenzene					1.346	1.334	1.795	1.569	1.646	1.871	1.481	1.270	1.539	14.38	
n-Butylbenzene					2.226	2.314	2.952	2.766	2.943	3.261	2.775	2.015	2.657	16.06	
1,2,4-Trichlorobenzene	qfi				0.080	0.233	1.230	1.772	4.377	11.240	25.970	39.280	Coef R2	0.99	
Hexachlorobutadiene					1.790	1.614	1.835	1.631	1.582	1.674	1.342	1.149	1.577	14.46	
1,2-Dichlorotetrafluoroethane(sim)	3.909	2.749	3.042	2.375	2.334	2.158	2.158	2.070	2.443				2.582	22.69	
Vinyl Chloride(sim)	1.331	1.074	1.062	0.894	0.902	0.846	0.817	0.806	0.927				0.962	17.51	
Bromomethane(sim)	1.357	1.050	0.961	0.944	0.820	0.741	0.678	0.743	0.823				0.902	23.14	
Trichlorofluoromethane(sim)	3.738	3.071	2.963	2.779	2.647	2.525	2.690	2.595	2.835				2.871	12.85	
1,2-Dichloroethane(sim)	1.794	1.691	1.164	1.404	1.231	1.080	1.173	1.119	1.253				1.323	19.36	
1,1,1-Trichloroethane(sim)	3.008	2.566	2.424	2.249	2.158	2.053	2.192	2.119	2.371				2.349	12.59	
Benzene(sim)		2.731	3.332	2.280	2.357	2.338	2.508						2.591	15.35	o
Carbon Tetrachloride(sim)	3.076	2.442	2.362	2.232	2.165	2.166	2.412	2.375					2.404	12.17	
1,1-Dichloroethene(sim)	2.026	1.872	1.215	1.419	1.321	1.185	1.239	1.237	1.357				1.430	21.37	

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, fi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs

Client: _____

Lab Code: Phoenix

SDG No.: GCJ80288

Instrument ID: CHEM20

Calibration Date From: 11/15/21 21:59

Heated Purge (Y/N): Y

no curve provided for 124-tcb

Calibration Date Thru: 11/16/21 02:53

GC Column: _____

Method File: 20_AIR_1115.M

Laboratory File Ids

RRF1	<u>1115_03.D</u>	RRF2	<u>1115_04.D</u>	RRF3	<u>1115_05.D</u>	RRF4	<u>1115_06.D</u>	RRF5	<u>1115_07.D</u>	RRF6	<u>1115_08.D</u>				
RRF7	<u>1115_14.D</u>	RRF8	<u>1115_09.D</u>	RRF9	<u>1115_10.D</u>	RRF10	<u>1115_15.D</u>	RRF11	<u>1115_11.D</u>	RRF12	<u>1115_12.D</u>				
COMPOUND	RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD	
Trichlorotrifluoroethane(sim)	2.771	2.271	2.192	2.052	1.959	1.878	1.917	1.898	2.079				2.113	13.30	
Trans-1,2-Dichloroethene(sim)	1.547	1.474	1.363	1.257	1.013	0.953	1.040	1.060	1.188				1.211	17.66	●
1,1-Dichloroethane(sim)	2.044	1.734	1.670	1.510	1.462	1.386	1.394	1.414	1.580				1.577	13.57	
Cis-1,2-Dichloroethene(sim)	1.557	1.367	1.080	1.142	0.971	0.896	0.983	0.979	1.116				1.121	19.06	
Chloroform(sim)	2.641	2.224	2.173	1.973	1.884	1.788	1.817	1.809	2.005				2.035	13.56	
1,2-dichloropropane(sim)	0.429	0.376	0.351	0.303	0.295	0.273	0.266	0.275	0.308				0.320	17.22	
Bromodichloromethane(sim)	0.783	0.671	0.591	0.535	0.588	0.520	0.524	0.523	0.586				0.591	14.70	●
Trichloroethene(sim)	0.646	0.524	0.503	0.453	0.435	0.418	0.437	0.427	0.475				0.480	14.96	
1,4-Dioxane(sim)		0.222	0.142	0.145	0.156	0.133	0.157	0.154	0.164				0.159	17.15	
cis-1,3-Dichloropropene(sim)	0.583	0.441	0.456	0.385	0.397	0.359	0.392	0.374					0.423	17.10	
1,1,2-Trichloroethane(sim)	0.451	0.313	0.348	0.350	0.319	0.285	0.295	0.286	0.326				0.330	15.49	
Dibromochloromethane(sim)	0.932	0.777	0.757	0.676	0.680	0.643	0.691	0.666					0.728	12.94	●
1,2-Dibromoethane(EDB)(sim)	0.620	0.521	0.403	0.410	0.418	0.380	0.473	0.424	0.494				0.460	16.44	
Tetrachloroethene(sim)	0.883	0.710	0.678	0.623	0.608	0.584	0.630	0.596	0.661	0.664			0.664	13.01	
Bromoform(sim)	2.156	1.783	1.734	1.589	1.586	1.539	1.739	1.542					1.708	11.99	
m,p-Xylene(sim)	3.146	2.286	2.335	2.028	1.874	1.923	2.204	2.086	2.091				2.219	17.12	
1,1,2,2-Tetrachloroethane(sim)	2.256	1.785	1.745	1.606	1.582	1.504	1.550	1.539	1.514				1.675	14.27	
Benzyl chloride(sim)	1.239	1.170	1.122	1.060	1.118	1.074	1.570	1.420					1.222	14.92	
1,3-Dichlorobenzene(sim)	1.733	1.490	1.471	1.333	1.382	1.445	1.916	1.839	1.985				1.622	15.26	
1,4-Dichlorobenzene(sim)	1.475	1.016	1.166	0.817	0.924	0.916	1.277	1.292					1.110	20.55	
sec-Butylbenzene(sim)	5.069	4.226	4.173	3.926	3.898	3.912	4.548	4.364	4.411				4.281	8.82	●
4-Isopropyltoluene(sim)	4.612	4.242	3.797	3.576	3.231	3.274	3.916	3.683	3.718				3.783	11.59	
1,2-Dichlorobenzene(sim)	2.059	1.840	1.732	1.593	1.557	1.589	2.064	1.839	1.899				1.797	10.79	
n-Butylbenzene(sim)		2.601	2.649	2.179	2.226	2.314	2.952	2.765					2.527	11.58	
1,2,4-Trichlorobenzene(sim)	qfi	0.057	0.067	0.081	0.136	0.209	0.405	1.022					Coef R2	0.98	

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Method File: 20 AIR 1115.M

Page 357 of 1036

Response Factor Report CHEM20

Method Path : H:\AIR2021\CHEM20\METHODS\
 Method File : 20_AIR_1115.M
 Title : VOA Standards for 5 point calibration
 Last Update : Tue Nov 16 09:53:08 2021
 Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)

.035=1115_04.D 0.05=1115_05.D 0.10=1115_06.D 0.2=1115_07.D 0.5=1115_08.D 1.0=1115_14.D 2.5=1115_09.D 5.0=1115_10.D
 10=1115_15.D 25=1115_11.D 40=1115_12.D 0.02=1115_03.D

Compound	.035	0.05	0.10	0.2	0.5	1.0	2.5	5.0	10	25	40	0.02	Avg	%RSD
1) Int Bromochloromethane	-----ISTD-----													
2) Propylene	0.979	0.910	0.844	0.871	0.981	0.880	0.943	0.952					0.920	5.62
3) Dichlorodifluo...	2.961	2.660	2.518	2.613	2.801	2.702	2.711	2.683					2.706	4.85
4) Chloromethane	1.038	0.883	0.854	0.900	0.996	0.895	0.930	0.943					0.930	6.60
5) 1,2-Dichlorote...	2.660	2.421	2.437	2.379	2.760	2.426	2.606	2.722					2.551	5.99
6) Vinyl Chloride	0.923	0.936	0.852	0.841	0.958	0.841	0.905	0.913					0.896	5.06
7) 1,3-Butadiene	0.816	0.759	0.739	0.710	0.809	0.732	0.792	0.797					0.769	5.16
8) Bromomethane	0.934	0.831	0.763	0.852	0.928	0.860	0.904	0.896					0.871	6.55
9) Chloroethane	0.468	0.391	0.400	0.395	0.424	0.373	0.405	0.394					0.406	7.10
11) Ethanol		0.503	0.431	0.380	0.453	0.402	0.381	0.338					0.413	13.23
12) Acetone	1.852	1.747	1.669	1.678	1.847	1.727	1.805	1.769					1.762	3.97
13) Trichlorofluor...	2.715	2.655	2.874	2.769	2.945	2.933	2.893	2.912					2.837	3.85
14) Isopropylalcohol	2.365	2.088	1.929	1.984	2.102	2.022	1.996	1.739					2.028	8.72
15) Acrylonitrile	0.698	0.679	0.652	0.716	0.738	0.656	0.700	0.684					0.690	4.19
16) 1,1-Dichloroet...	1.506	1.330	1.394	1.419	1.531	1.660	1.693	1.721					1.532	9.60
17) Methylene Chlo...	1.932	1.530	1.330	1.261	1.344	1.232	1.290	1.267					1.398	16.78
20) Carbon Disulfide	2.355	2.210	2.198	2.293	2.538	2.400	2.528	2.499					2.378	5.77
21) Trichlorotrifl...	2.081	1.911	2.067	1.976	2.181	2.097	2.150	2.147					2.076	4.43
22) Trans-1,2-Dich...	1.154	1.069	1.170	1.216	1.339	1.276	1.362	1.349					1.242	8.60
23) 1,1-Dichloroet...	1.526	1.419	1.463	1.451	1.606	1.515	1.599	1.538					1.515	4.47
24) Methyl tert-bu...	2.495	2.125	2.374	2.300	2.480	2.437	2.523	2.501					2.404	5.63
26) Methyl Ethyl K...	2.535	2.293	2.345	2.347	2.621	2.458	2.630	2.614					2.480	5.59
27) Cis-1,2-Dichlo...		1.005	1.101	1.122	1.259	1.221	1.282	1.393					1.198	10.87
28) Hexane	1.257	1.112	1.300	1.242	1.436	1.374	1.463	1.436					1.328	9.17
29) Chloroform	1.995	1.812	1.908	1.964	2.131	2.038	2.117	2.096					2.008	5.54
30) Ethyl acetate	0.204	0.243	0.276	0.239	0.303	0.283	0.303	0.294					0.268	13.32
31) Tetrahydrofuran	1.130	1.080	1.154	1.121	1.264	1.199	1.319	1.268					1.192	7.10
32) 1,2-Dichloroet...	1.403	1.212	1.319	1.283	1.413	1.363	1.424	1.409					1.353	5.60
33) 1,1,1-Trichlor...	2.193	2.115	2.286	2.254	2.460	2.418	2.445	2.475					2.331	5.88
34) Benzene	2.710	2.623	2.821	2.717	3.038	2.872	3.042	2.969					2.849	5.57
35) Carbon Tetrach...	2.302	2.259	2.347	2.518	2.706	2.798	2.848	2.892					2.584	10.04
36) Cyclohexane		0.851	0.961	1.001	1.098	1.030	1.110	1.095					1.021	9.13
37) Int 1,4-Difluorobenzene	-----ISTD-----													
38) 1,2-dichloropr...	0.318	0.257	0.271	0.247	0.277	0.261	0.270	0.259					0.270	7.96
39) Bromodichlorom...	0.581	0.520	0.523	0.523	0.585	0.567	0.586	0.585					0.559	5.53
40) Trichloroethene	0.415	0.350	0.400	0.373	0.417	0.415	0.391	0.385					0.393	5.99
42) 1,4-Dioxane	0.148	0.133	0.156	0.132	0.164	0.163	0.139	0.132					0.146	9.53
44) Heptane	0.538	0.524	0.549	0.563	0.563	0.537	0.573	0.558					0.551	3.01
45) cis-1,3-Dichlo...	0.355	0.332	0.330	0.341	0.388	0.392	0.399	0.399					0.367	8.31

Response Factor Report CHEM20

Method Path : H:\AIR2021\CHEM20\METHODS\

Method File : 20_AIR_1115.M

Title : VOA Standards for 5 point calibration

46)	4-Methyl-2-pen...	0.757	0.705	0.700	0.666	0.793	0.794	0.810	0.794	0.752	7.26
47)	trans-1,3-Dich...	0.394	0.311	0.322	0.308	0.358	0.359	0.367	0.373	0.349	9.09
48)	1,1,2-Trichlor...	0.319	0.286	0.295	0.286	0.326	0.322	0.319	0.319	0.309	5.43
49)	Toluene	0.852	0.798	0.889	0.854	0.960	0.949	0.954	0.936	0.899	6.66
50)	Dibromochlorom...	0.578	0.565	0.633	0.586	0.666	0.682	0.695	0.709	0.639	8.93
51)	2-Hexanone(MBK)	0.518	0.530	0.590	0.579	0.675	0.662	0.707	0.700	0.620	12.18
52)	1,2-Dibromoeth...	0.418	0.380	0.474	0.425	0.494	0.497	0.510	0.520	0.465	10.93
53)	Tetrachloroethene	0.507	0.502	0.529	0.512	0.564	0.566	0.544	0.534	0.532	4.62

54)	Int Chlorobenzene-d5	-----ISTD-----									
55)	1,1,1,2-Tetrac...	1.272	1.157	1.210	1.105	1.060	1.201	0.879	0.767	1.081	16.15
56)	Chlorobenzene	1.696	1.605	1.831	1.627	1.603	1.672	1.362	1.211	1.576	12.50
57)	Ethylbenzene	2.644	2.516	2.453	2.735	2.601	2.624	2.774	2.247	2.504	10.52
58)	m,p-Xylene	1.983	1.826	1.915	1.753	2.079	2.090	2.194	1.803	1.893	12.65
59)	Bromoform	1.358	1.253	1.515	1.298	1.242	1.352	1.112	1.035	1.270	11.79
60)	Styrene	1.159	1.217	1.485	1.399	1.459	1.591	1.291	1.168	1.346	11.96
61)	1,1,2,2-Tetrac...	1.407	1.347	1.504	1.448	1.407	1.457	1.233	1.085	1.361	10.17
62)	o-Xylene	2.128	2.133	1.953	2.308	2.172	2.177	2.290	1.898	2.081	9.88
63)	Surr% Bromofluorob...	1.217	1.272	1.268	1.299	1.187	1.272	1.080	0.967	1.195	9.69
65)	Isopropylbenzene	2.972	2.914	3.158	2.998	3.026	3.207	2.563	2.016	2.857	13.70
67)	4-Ethyltoluene	2.573	2.586	3.163	2.960	3.088	3.346	2.676	2.047	2.805	14.87
68)	1,3,5-Trimethy...	2.465	2.359	2.817	2.629	2.589	2.777	2.312	1.838	2.473	12.70
69)	1,2,4-Trimethy...	2.337	2.238	2.811	2.614	2.644	2.899	2.417	1.952	2.489	12.62
71)	Benzyl chloride	5.142	4.905	5.864	5.557	5.647	5.962	4.483	2.820	5.048	20.41
72)	1,3-Dichlorobe...	1.162	1.166	1.606	1.526	1.628	1.830	1.452	1.280	1.456	16.38
73)	1,4-Dichlorobe...	0.924	0.916	1.283	1.291	1.396	1.630	1.342	1.201	1.248	19.09
74)	sec-Butylbenzene	3.457	3.434	3.916	3.799	3.869	4.103	3.369	2.216	3.520	16.74
75)	4-Isopropyltol...	3.305	3.274	3.914	3.701	3.723	4.054	3.275	2.277	3.440	16.21
76)	1,2-Dichlorobe...	1.346	1.334	1.795	1.569	1.646	1.871	1.481	1.270	1.539	14.38
77)	n-Butylbenzene	2.226	2.314	2.952	2.766	2.943	3.261	2.775	2.015	2.657	16.06
78)	qfi 1,2,4-Trichlor...	0.080	0.233	1.230	1.772	4.377	11.24	25.97	39.28	Coef R2	0.99
80)	Hexachlorobuta...	1.790	1.614	1.835	1.631	1.582	1.674	1.342	1.149	1.577	14.46

81)	int Bromochloromethane...	-----ISTD-----									
82)	1,2-Dichlorote...	2.749	3.042	2.375	2.334	2.158	2.158	2.070	2.443	3.909	22.69
83)	Vinyl Chloride...	1.074	1.062	0.894	0.902	0.846	0.817	0.806	0.927	1.331	17.51
84)	Bromomethane(sim)	1.050	0.961	0.944	0.820	0.741	0.678	0.743	0.823	1.357	23.14
85)	Trichlorofluor...	3.071	2.963	2.779	2.647	2.525	2.690	2.595	2.835	3.738	12.85
86)	1,2-Dichloroet...	1.691	1.164	1.404	1.231	1.080	1.173	1.119	1.253	1.794	19.36
87)	1,1,1-Trichlor...	2.566	2.424	2.249	2.158	2.053	2.192	2.119	2.371	3.008	12.59
88)	Benzene(sim)	2.731	3.332	2.280	2.357	2.338	2.508			2.591	15.35
89)	Carbon Tetrach...	2.442	2.362	2.232	2.165	2.166	2.412	2.375		3.076	12.17
90)	1,1-Dichloroet...	1.872	1.215	1.419	1.321	1.185	1.239	1.237	1.357	2.026	21.37
91)	Trichlorotrifl...	2.271	2.192	2.052	1.959	1.878	1.917	1.898	2.079	2.771	13.30
92)	Trans-1,2-Dich...	1.474	1.363	1.257	1.013	0.953	1.040	1.060	1.188	1.547	17.66
93)	1,1-Dichloroet...	1.734	1.670	1.510	1.462	1.386	1.394	1.414	1.580	2.044	13.57
94)	Cis-1,2-Dichlo...	1.367	1.080	1.142	0.971	0.896	0.983	0.979	1.116	1.557	19.06
95)	Chloroform(sim)	2.224	2.173	1.973	1.884	1.788	1.817	1.809	2.005	2.641	13.56

96) int 1,4-Difluorobenzen... -----ISTD-----

Response Factor Report CHEM20

Method Path : H:\AIR2021\CHEM20\METHODS\
Method File : 20_AIR_1115.M
Title : VOA_Standards for 5 point calibration

97)	1,2-dichloropr...	0.376	0.351	0.303	0.295	0.273	0.266	0.275	0.308	0.429	0.320	17.22
98)	Bromodichlorom...	0.671	0.591	0.535	0.588	0.520	0.524	0.523	0.586	0.783	0.591	14.70
99)	Trichloroethen...	0.524	0.503	0.453	0.435	0.418	0.437	0.427	0.475	0.646	0.480	14.96
100)	1,4-Dioxane(sim)	0.222	0.142	0.145	0.156	0.133	0.157	0.154	0.164		0.159	17.15
101)	cis-1,3-Dichlo...	0.441	0.456	0.385	0.397	0.359	0.392	0.374		0.583	0.423	17.10
102)	1,1,2-Trichlor...	0.313	0.348	0.350	0.319	0.285	0.295	0.286	0.326	0.451	0.330	15.49
103)	Dibromochlorom...	0.777	0.757	0.676	0.680	0.643	0.691	0.666		0.932	0.728	12.94
104)	1,2-Dibromoeth...	0.521	0.403	0.410	0.418	0.380	0.473	0.424	0.494	0.620	0.460	16.44
105)	Tetrachloroeth...	0.710	0.678	0.623	0.608	0.584	0.630	0.596	0.661	0.883	0.664	13.01
106)	int Chlorobenzene-d5(sim)	-----ISTD-----										
107)	Bromoform(sim)	1.783	1.734	1.589	1.586	1.539	1.739	1.542		2.156	1.708	11.99
108)	m,p-Xylene(sim)	2.286	2.335	2.028	1.874	1.923	2.204	2.086	2.091	3.146	2.219	17.12
109)	1,1,2,2-Tetrac...	1.785	1.745	1.606	1.582	1.504	1.550	1.539	1.514	2.256	1.675	14.27
112)	Benzyl chlorid...	1.170	1.122	1.060	1.118	1.074	1.570	1.420		1.239	1.222	14.92
113)	1,3-Dichlorobe...	1.490	1.471	1.333	1.382	1.445	1.916	1.839	1.985	1.733	1.622	15.26
114)	1,4-Dichlorobe...	1.016	1.166	0.817	0.924	0.916	1.277	1.292		1.475	1.110	20.55
115)	sec-Butylbenze...	4.226	4.173	3.926	3.898	3.912	4.548	4.364	4.411	5.069	4.281	8.82
116)	4-Isopropyltol...	4.242	3.797	3.576	3.231	3.274	3.916	3.683	3.718	4.612	3.783	11.59
117)	1,2-Dichlorobe...	1.840	1.732	1.593	1.557	1.589	2.064	1.839	1.899	2.059	1.797	10.79
118)	n-Butylbenzene...	2.601	2.649	2.179	2.226	2.314	2.952	2.765			2.527	11.58
119)	qfi 1,2,4-Trichlor...	0.067	0.081	0.136	0.209	0.405	1.022			0.057	Coef R2	0.98@
121)	Hexachlorobuta...	2.797	2.553	2.326	2.133	2.098	2.294	2.099	1.948	3.544	2.421	20.44

(#,\$,@)=Out of Range l=linear lf=linear(0,0) q=Quadratic qf=Quadratic(0,0)

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 20_AIR_1115.M / Average Date Analyzed: 11/16/21
 Instrument ID: CHEM20 Time Analyzed: 2:17
 GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) Area Avg #	RT Avg #	IS2 (DFB) Area Avg #	RT Avg #	IS3 (CBZ) Area Avg #	RT Avg #			LAB FILE ID
REFERENCE STD	555028	6.60	2152141	7.76	1008282	10.29			Average
UPPER LIMIT	779814	6.93	3023758	8.09	1416636	10.62			Average
LOWER LIMIT	330241	6.27	1280524	7.43	599928	9.96			Average
CLIENT ID									
01 ICAL 0.2	541064	6.60	2039412	7.76	819423	10.29			1115 07.D
02 ICAL 0.5	554206	6.60	2052110	7.76	824544	10.29			1115 08.D
03 ICAL 2.5	529255	6.61	2062761	7.76	846497	10.29			1115 09.D
04 ICAL 5	555949	6.60	2136025	7.76	1000487	10.29			1115 10.D
05 ICAL 25	553039	6.61	2232924	7.76	1245693	10.30			1115 11.D
06 ICAL 40	579042	6.61	2351426	7.76	1484428 *	10.30			1115 12.D
07 ICAL 1	560740	6.60	2159124	7.76	868449	10.29			1115 14.D
08 ICAL 10	566926	6.61	2183344	7.76	976735	10.29			1115 15.D
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 20_AIR_1115.M / Average Date Analyzed: 11/16/21
 Instrument ID: CHEM20 Time Analyzed: 2:17
 GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) Area Avg #	RT Avg #	IS2 (DFB) Area Avg #	RT Avg #	IS3 (CBZ) Area Avg #	RT Avg #			LAB FILE ID
REFERENCE STD	619200	6.60	2082285	7.76	861963	10.29			Average
UPPER LIMIT	869975	6.93	2925610	8.09	1211058	10.62			Average
LOWER LIMIT	368424	6.27	1238960	7.43	512868	9.96			Average
CLIENT ID									
01 ICAL 0.02	601861	6.60	2011644	7.76	812926	10.29			1115_03.D
02 ICAL 0.035	612543	6.60	2048290	7.76	815718	10.29			1115_04.D
03 ICAL 0.05	616594	6.60	2051603	7.76	818451	10.29			1115_05.D
04 ICAL 0.1	622946	6.61	2079706	7.77	833116	10.30			1115_06.D
05 ICAL 0.2	616618	6.60	2039412	7.76	819423	10.29			1115_07.D
06 ICAL 0.5	621698	6.60	2052110	7.76	824544	10.29			1115_08.D
07 ICAL 2.5	606918	6.61	2062657	7.76	846403	10.29			1115_09.D
08 ICAL 5	626883	6.60	2135682	7.76	1001056	10.29			1115_10.D
09 ICAL 1	630713	6.60	2158401	7.76	868449	10.29			1115_14.D
10 ICAL 10	635222	6.60	2183344	7.76	979545	10.29			1115_15.D
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Lab File ID: 1118_02.D BFB Injection Date: 11/18/21

Instrument ID: CHEM20 BFB Injection Time: 08:03 ○

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 776, 777, 778; Background Corrected with Scan 771

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	21.6
75	30.0 - 66.0% of mass 95	48.9 ○
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1 ○
174	50.0 - 120.0% of mass 95	104.0
175	4.0 - 9.0% of mass 174	7.7 (8.0)1
176	93.0 - 101.0% of mass 174	100.0 (105.0)1
177	5.0 - 9.0% of mass 176	6.4 (6.6)1 ○

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb ccal	1118_02.D	11/18/21	08:03	
02	CJ80080 LCS	CJ80080 LCS	1118_04.D	11/18/21	09:17	●
03	CJ80080 BLANK	CJ80080 BLANK	1118_06.D	11/18/21	10:28	
04	CJ80080 QC	CJ80080 QC	1118_09.D	11/18/21	12:28	
05	80080 dup	CJ80080 DUP	1118_10.D	11/18/21	13:08	●
06	SV-16 90X	CJ80290 90X	1118_13.D	11/18/21	14:23	
07	SV-15 100X	CJ80289 100X	1118_14.D	11/18/21	14:59	●
08	SV-14	CJ80288	1118_15.D	11/18/21	15:42	
09	SV-14 10X	Cj80288 10X	1118_16.D	11/18/21	16:18	●
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM20 Calibration Date: 11/18/21 Time: 08:03

Lab File Id: 1118_02.D Init. Calib. Date(s): 11/15/21 11/16/21 ⊙

Heated Purge (Y/N): Y Init. Calib. Times: 17:48 02:53

GC Column: RTX-1 60M Method File: 20_AIR_1115.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.920	0.878		4.6	30
Dichlorodifluoromethane	2.706	2.676		1.1	30
Chloromethane	0.930	0.915		1.6	30
1,2-Dichlorotetrafluoroethane	2.551	2.462		3.5 ⊙	30
Vinyl Chloride	0.896	0.891		0.6	30
1,3-Butadiene	0.769	0.692		10.0	30
Bromomethane	0.871	0.822		5.6	30
Chloroethane	0.406	0.369		9.1	30
Ethanol	0.413	0.444		-7.5	30
Acetone	1.762	1.716		2.6	30
Trichlorofluoromethane	2.837	2.864		-1.0	30
Isopropylalcohol	2.028	2.143		-5.7	30
Acrylonitrile	0.690	0.725		-5.1 ⊙	30
1,1-Dichloroethene	1.532	1.441		5.9	30
Methylene Chloride	1.398	1.359		2.8	30
Carbon Disulfide	2.378	2.369		0.4	30
Trichlorotrifluoroethane	2.076	2.069		0.3	30
Trans-1,2-Dichloroethene	1.242	1.284		-3.4	30
1,1-Dichloroethane	1.515	1.537		-1.5	30
Methyl tert-butyl ether(MTBE)	2.404	2.384		0.8 ⊙	30
Methyl Ethyl Ketone	2.480	2.387		3.8	30
Cis-1,2-Dichloroethene	1.198	1.188		0.8	30
Hexane	1.328	1.293		2.6	30
Chloroform	2.008	2.026		-0.9	30
Ethyl acetate	0.268	0.277		-3.4	30
Tetrahydrofuran	1.192	1.113		6.6	30
1,2-Dichloroethane	1.353	1.293		4.4 ⊙	30
1,1,1-Trichloroethane	2.331	2.401		-3.0	30
Benzene	2.849	2.888		-1.4	30
Carbon Tetrachloride	2.584	2.571		0.5	30
Cyclohexane	1.021	1.078		-5.6	30
1,2-dichloropropane	0.270	0.250		7.4	30
Bromodichloromethane	0.559	0.529		5.4	30
Trichloroethene	0.393	0.377		4.1 ●	30
1,4-Dioxane	0.146	0.153		-4.8	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM20 Calibration Date: 11/18/21 Time: 08:03

Lab File Id: 1118_02.D Init. Calib. Date(s): 11/15/21 11/16/21

Heated Purge (Y/N): Y Init. Calib. Times: 17:48 02:53

GC Column: RTX-1 60M Method File: 20_AIR_1115.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Heptane	0.551	0.564		-2.4	30
cis-1,3-Dichloropropene	0.367	0.376		-2.5	30
4-Methyl-2-pentanone(MIBK)	0.752	0.755		-0.4	30
trans-1,3-Dichloropropene	0.349	0.346		0.9	30
1,1,2-Trichloroethane	0.309	0.298		3.6	30
Toluene	0.899	0.883		1.8	30
Dibromochloromethane	0.639	0.604		5.5	30
2-Hexanone(MBK)	0.620	0.577		6.9	30
1,2-Dibromoethane(EDB)	0.465	0.431		7.3	30
Tetrachloroethene	0.532	0.522		1.9	30
1,1,1,2-Tetrachloroethane	1.081	1.166		-7.9	30
Chlorobenzene	1.576	1.703		-8.1	30
Ethylbenzene	2.504	2.847		-13.7	30
m,p-Xylene	1.893	1.769		6.6	30
Bromoform	1.270	1.404		-10.6	30
Styrene	1.346	1.441		-7.1	30
1,1,2,2-Tetrachloroethane	1.361	1.445		-6.2	30
o-Xylene	2.081	2.364		-13.6	30
Isopropylbenzene	2.857	3.182		-11.4	30
4-Ethyltoluene	2.805	3.073		-9.6	30
1,3,5-Trimethylbenzene	2.473	2.791		-12.9	30
1,2,4-Trimethylbenzene	2.489	2.710		-8.9	30
Benzyl chloride	5.048	5.718		-13.3	30
1,3-Dichlorobenzene	1.456	1.377		5.4	30
1,4-Dichlorobenzene	1.248	1.116		10.6	30
sec-Butylbenzene	3.520	3.946		-12.1	30
4-Isopropyltoluene	3.440	3.788		-10.1	30
1,2-Dichlorobenzene	1.539	1.511		1.8	30
n-Butylbenzene	2.657	2.804		-5.5	30
1,2,4-Trichlorobenzene qfi	1.000	0.61	Flag UJ - 0288 only	39.0	20
Hexachlorobutadiene	1.577	1.926		-22.1	30
1,2-Dichlorotetrafluoroethane(sim)	2.582	2.211		14.4	30
Vinyl Chloride(sim)	0.962	0.847		12.0	30
Bromomethane(sim)	0.902	0.742		17.7	30
Trichlorofluoromethane(sim)	2.871	2.779		3.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM20 Calibration Date: 11/18/21 Time: 08:03

Lab File Id: 1118_02.D Init. Calib. Date(s): 11/15/21 11/16/21

Heated Purge (Y/N): Y Init. Calib. Times: 17:48 02:53

GC Column: RTX-1 60M Method File: 20_AIR_1115.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,2-Dichloroethane(sim)	1.323	1.167		11.8	30
1,1,1-Trichloroethane(sim)	2.349	2.294		2.3	30
Benzene(sim)	2.591	2.606		-0.6	30
Carbon Tetrachloride(sim)	2.404	2.491		-3.6	30
1,1-Dichloroethene(sim)	1.430	1.300		9.1	30
Trichlorotrifluoroethane(sim)	2.113	1.997		5.5	30
Trans-1,2-Dichloroethene(sim)	1.211	1.159		4.3	30
1,1-Dichloroethane(sim)	1.577	1.499		4.9	30
Cis-1,2-Dichloroethene(sim)	1.121	1.072		4.4	30
Chloroform(sim)	2.035	1.920		5.7	30
1,2-dichloropropane(sim)	0.320	0.282		11.9	30
Bromodichloromethane(sim)	0.591	0.536		9.3	30
Trichloroethene(sim)	0.480	0.433		9.8	30
1,4-Dioxane(sim)	0.159	0.153		3.8	30
cis-1,3-Dichloropropene(sim)	0.423	0.396		6.4	30
1,1,2-Trichloroethane(sim)	0.330	0.299		9.4	30
Dibromochloromethane(sim)	0.728	0.668		8.2	30
1,2-Dibromoethane(EDB)(sim)	0.460	0.432		6.1	30
Tetrachloroethene(sim)	0.664	0.611		8.0	30
Bromoform(sim)	1.708	1.584		7.3	30
m,p-Xylene(sim)	2.219	2.219		0.0	30
1,1,2,2-Tetrachloroethane(sim)	1.675	1.507		10.0	30
Benzyl chloride(sim)	1.222	1.265		-3.5	30
1,3-Dichlorobenzene(sim)	1.622	1.592		1.8	30
1,4-Dichlorobenzene(sim)	1.110	1.116		-0.5	30
sec-Butylbenzene(sim)	4.281	4.518		-5.5	30
4-Isopropyltoluene(sim)	3.783	3.786		-0.1	30
1,2-Dichlorobenzene(sim)	1.797	1.731		3.7	30
n-Butylbenzene(sim)	2.527	2.803		-10.9	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.72	flag UJ - 0288 only	28.0 #	20
Hexachlorobutadiene(sim)	2.421	2.242		7.4	30
% Bromofluorobenzene	1.195	1.250		-4.6	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 20_AIR_1115.M / 1118_02.D Date Analyzed: 11/18/21
 Instrument ID: CHEM20 Time Analyzed: 8:03
 GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	499907	6.61	1928050	7.76	785653	10.29			1118_02.D
UPPER LIMIT	702369	6.94	2708910	8.09	1103842	10.62			1118_02.D
LOWER LIMIT	297445	6.28	1147190	7.43	467464	9.96			1118_02.D
CLIENT ID									
01 CCAL 1	499907	6.61	1928050	7.76	785653	10.29			1118_02.D
02 CJ80080 LCS	523400	6.61	2041107	7.76	1010229	10.30	⊙		1118_04.D
03 CJ80080 BLANK	516245	6.61	1997099	7.76	796487	10.29			1118_06.D
04 CJ80080 QC	505890	6.61	1950304	7.76	776647	10.29			1118_09.D
05 80080 dup	493378	6.61	1928238	7.76	859701	10.29			1118_10.D
06 SV-16 90X	527822	6.61	2019445	7.76	813698	10.29			1118_13.D
07 SV-15 100X	504593	6.60	1943592	7.76	794259	10.29	●		1118_14.D
08 SV-14	524108	6.61	2054422	7.76	1018495	10.29			1118_15.D
09 SV-14 10X	522499	6.61	2027109	7.76	893098	10.29			1118_16.D
10	⊙		⊙		●				
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 20_AIR_1115.M / 1118_02.D Date Analyzed: 11/18/21
 Instrument ID: CHEM20 Time Analyzed: 8:03
 GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	554074	6.61	1925109	7.76	785961	10.29			1118_02.D
UPPER LIMIT	778474	6.94	2704778	8.09	1104275	10.62			1118_02.D
LOWER LIMIT	329674	6.28	1145440	7.43	467647	9.96			1118_02.D
CLIENT ID									
01 CCAL 1	554074	6.61	1925109	7.76	785961	10.29			1118_02.D
02 CJ80080 LCS	579724	6.61	2041107	7.76	1001378	10.30			1118_04.D
03 CJ80080 BLANK	570708	6.60	1992629	7.76	796570	10.29			1118_06.D
04 CJ80080 QC	561450	6.61	1950082	7.76	776757	10.29			1118_09.D
05 80080 dup	554424	6.61	1928238●	7.76	765742●	10.29			1118_10.D
06 SV-16 90X	573064●	6.61	2017408	7.76	814354	10.29			1118_13.D
07 SV-15 100X	561544	6.60	1943352	7.76	794567	10.29			1118_14.D
08 SV-14	582601	6.61	2054199	7.76	1387627*	10.29			1118_15.D
09 SV-14 10X	578149○	6.61	2027109○	7.76	1046227○	10.29			1118_16.D
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

high CBZ response flag associated J/UJ

see next page for compounds..

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCJ80288</u>	Lab Sample ID:	<u>CJ80288</u>
Canister:	<u>23338</u>	Lab File ID:	<u>1118_15.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
		Date Analyzed:	<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

[illegible]

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Lab File ID: 1114_03.D BFB Injection Date: 11/15/21 ○

Instrument ID: CHEM24 BFB Injection Time: 01:18

GC Column: RTX-VMS Heated Purge: (Y/N) Y

AutoFind: Scans 1620, 1621, 1622; Background Corrected with Scan 1610

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	27.7
75	30.0 - 66.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	93.7
175	4.0 - 9.0% of mass 174	8.0 (7.5)1
176	93.0 - 101.0% of mass 174	97.1 (91.0)1
177	5.0 - 9.0% of mass 176	7.0 (6.4)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	ICAL 0.02	0.02 ppb	1114_04.D	11/15/21	01:47	
02	ICAL 0.035	0.035 ppb	1114_05.D	11/15/21	02:19	
03	ICAL 0.05	0.05 ppb	1114_06.D	11/15/21	02:51	
04	ICAL 0.1	0.10 ppb	1114_07.D	11/15/21	03:21	
05	ICAL 0.2	0.20 ppb	1114_08.D	11/15/21	03:54	
06	ICAL 0.5	0.50 ppb	1114_09.D	11/15/21	04:30	
07	ICAL 2.5	2.5 ppb	1114_10.D	11/15/21	05:07	
08	ICAL 5	5.0 ppb	1114_11.D	11/15/21	05:39	
09	ICAL 25	25 ppb	1114_12.D	11/15/21	06:16	
10	ICAL 40	40 ppb	1114_13.D	11/15/21	06:55	
11	ICAL 1	1ppb ;	1114_15.D	11/15/21	07:59	
12	ICAL 10	10ppb ;	1114_16.D	11/15/21	08:33	
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM24
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 03:54
Calibration Date Thru: 11/15/21 08:33
Method File: 24AIR_1114.M

Laboratory File Ids

RRF1	1114_04.D	RRF2	1114_05.D	RRF3	1114_06.D	RRF4	1114_07.D	RRF5	1114_08.D	RRF6	1114_09.D				
RRF7	1114_15.D	RRF8	1114_10.D	RRF9	1114_11.D	RRF10	1114_16.D	RRF11	1114_12.D	RRF12	1114_13.D				
COMPOUND		RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD
Propylene						1.026	0.918	0.987	0.888	0.953	0.927	0.936	0.921	0.944	4.62
Dichlorodifluoromethane					2.834	2.683	2.966	3.075	2.986	3.060	2.923	2.934	2.856	2.924	4.15
Chloromethane					1.783	1.715	1.583	1.627	1.552	1.570	1.557	1.542	1.514	1.605	5.53
1,2-Dichlorotetrafluoroethane					1.797	1.833	1.771	1.881	1.874	1.923	1.910	1.858	1.835	1.854	2.70
Vinyl Chloride					1.163	0.932	0.955	1.007	0.927	0.989	0.972	0.957	0.955	0.984	7.28
1,3-Butadiene					1.118	0.973	0.800	0.829	0.802	0.819	0.808	0.81	0.809	0.864	12.65
Bromomethane						0.920	0.901	0.944	0.947	0.939	0.935	0.934	0.925	0.931	1.60
Chloroethane					0.409	0.447	0.429	0.410	0.414	0.414	0.397	0.397	0.389	0.412	4.27
Ethanol							0.588	0.516	0.492	0.474	0.426	0.386	0.348	0.461	17.65
Acetone							3.687	2.195	2.214	2.219	2.073	2.545	2.440	2.482	22.36
Trichlorofluoromethane					3.285	3.164	3.218	3.182	3.234	3.308	3.169	3.253	3.110	3.214	1.98
Isopropylalcohol								2.469	2.478	2.550	2.434	2.281	2.068	2.380	7.44
Acrylonitrile						0.966	0.793	0.831	0.791	0.812	0.776	0.785	0.788	0.818	7.63
1,1-Dichloroethene					2.004	2.082	1.853	1.916	1.923	1.965	1.911	1.947	1.898	1.944	3.44
Methylene Chloride							2.012	1.800	1.709	1.712	1.637	1.631	1.611	1.730	8.09
Carbon Disulfide						2.752	2.440	2.520	2.576	2.605	2.595	2.576	2.563	2.578	3.40
Trichlorotrifluoroethane					2.273	1.932	2.088	2.235	2.169	2.242	2.193	2.171	2.172	2.164	4.73
Trans-1,2-Dichloroethene					1.452	1.692	1.621	1.644	1.615	1.678	1.612	1.651	1.668	1.626	4.36
1,1-Dichloroethane					1.032	1.910	1.865	1.887	1.905	1.932	1.894	1.926	1.910	1.807	16.13
Methyl tert-butyl ether(MTBE)						3.188	2.622	2.125	2.390	2.647	2.448	2.478	2.500	2.550	11.91
Methyl Ethyl Ketone							2.823	3.011	2.748	2.850	2.733	2.821	2.781	2.824	3.28
Cis-1,2-Dichloroethene					1.564	1.584	1.513	1.567	1.613	1.627	1.571	1.612	1.614	1.585	2.26
Hexane						1.678	1.455	1.494	1.436	1.474	1.440	1.530	2.134	1.580	15.00
Chloroform					2.631	2.209	2.259	2.356	2.380	2.385	2.325	2.375	2.338	2.362	4.95
Ethyl acetate						4.084	3.796	3.623	3.638	3.800	3.500	3.659	3.616	3.715	4.81

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, fi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM24
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 03:54
Calibration Date Thru: 11/15/21 08:33
Method File: 24AIR_1114.M

Laboratory File Ids

RRF1	1114_04.D	RRF2	1114_05.D	RRF3	1114_06.D	RRF4	1114_07.D	RRF5	1114_08.D	RRF6	1114_09.D				
RRF7	1114_15.D	RRF8	1114_10.D	RRF9	1114_11.D	RRF10	1114_16.D	RRF11	1114_12.D	RRF12	1114_13.D				
COMPOUND		RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD
Tetrahydrofuran						1.188	1.035	0.910	0.904	0.945	0.871	0.927	0.891	0.959	10.96
1,2-Dichloroethane					1.777	1.956	1.955	1.871	1.965	1.998	1.923	1.981	1.955	1.931	3.53
1,1,1-Trichloroethane					2.677	2.694	2.654	2.587	2.641	2.721	2.563	2.655	2.605	2.644	1.94
Benzene					3.003	2.386	2.450	2.412	2.440	2.485	2.388	2.401	2.461	2.492	7.82
Carbon Tetrachloride					2.971	2.916	3.018	2.882	3.054	3.128	3.086	3.127	3.052	3.026	2.90
Cyclohexane						1.784	1.703	1.669	1.667	1.730	1.634	1.656	1.685	1.691	2.82
1,2-dichloropropane					0.346	0.339	0.355	0.321	0.330	0.353	0.335	0.337	0.341	0.340	3.10
Bromodichloromethane					0.795	0.760	0.731	0.736	0.762	0.789	0.761	0.777	0.773	0.765	2.84
Trichloroethene					0.398	0.426	0.388	0.406	0.400	0.419	0.412	0.410	0.414	0.408	2.80
1,4-Dioxane					0.191	0.160	0.166	0.147	0.150	0.177	0.173	0.145	0.139	0.161	10.69
Heptane					0.771	0.799	0.784	0.674	0.650	0.693	0.666	0.665	0.670	0.708	8.34
cis-1,3-Dichloropropene					0.509	0.458	0.478	0.496	0.498	0.497	0.506	0.511	0.524	0.497	3.91
4-Methyl-2-pentanone(MIBK)						1.037	1.010	0.883	0.943	1.035	0.994	1.010	0.995	0.988	5.23
trans-1,3-Dichloropropene					0.516	0.450	0.482	0.514	0.520	0.531	0.515	0.535	0.530	0.510	5.36
1,1,2-Trichloroethane					0.324	0.356	0.350	0.356	0.344	0.366	0.357	0.357	0.363	0.353	3.56
Toluene					0.840	0.892	0.822	0.868	0.869	0.906	0.888	0.910	0.913	0.879	3.61
Dibromochloromethane					0.954	0.771	0.857	0.860	0.849	0.917	0.883	0.914	0.916	0.880	6.10
2-Hexanone(MBK)						1.042	0.878	0.829	0.861	1.011	0.951	0.990	0.993	0.944	8.31
1,2-Dibromoethane(EDB)					0.697	0.618	0.650	0.661	0.657	0.687	0.682	0.696	0.701	0.672	4.13
Tetrachloroethene					0.531	0.555	0.546	0.550	0.562	0.559	0.562	0.554	0.568	0.554	1.95
1,1,1,2-Tetrachloroethane					1.068	0.984	0.991	1.084	1.027	1.064	1.052	1.034	1.053	1.040	3.30
Chlorobenzene					1.600	1.373	1.496	1.526	1.460	1.491	1.493	1.478	1.503	1.491	3.99
Ethylbenzene					2.468	2.433	2.463	2.500	2.441	2.459	2.495	2.469	2.524	2.472	1.17
m,p-Xylene					2.041	1.814	1.936	1.583	1.929	1.959	1.944	1.949	1.960	1.902	6.98
Bromoform					1.685	1.536	1.683	1.692	1.633	1.816	1.796	1.783	1.839	1.718	5.74

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, fi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM24
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 03:54
Calibration Date Thru: 11/15/21 08:33
Method File: 24AIR_1114.M

Laboratory File Ids

RRF1	1114_04.D	RRF2	1114_05.D	RRF3	1114_06.D	RRF4	1114_07.D	RRF5	1114_08.D	RRF6	1114_09.D					
RRF7	1114_15.D	RRF8	1114_10.D	RRF9	1114_11.D	RRF10	1114_16.D	RRF11	1114_12.D	RRF12	1114_13.D					
COMPOUND			RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD
Styrene						1.508	1.271	1.292	1.414	1.376	1.390	1.411	1.388	1.435	1.387	5.15
1,1,2,2-Tetrachloroethane						1.298 ^o	1.345	1.394	1.482	1.378	1.436	1.405	1.399	1.442	1.398	3.89
o-Xylene						2.383	2.244	2.331 ^o	2.386	2.281	2.388	2.381	2.070	2.078 ^o	2.282	5.63 ^o
Isopropylbenzene						2.857	2.558	2.585	2.625	2.589	2.675	2.661	2.629	2.673	2.650	3.30
4-Ethyltoluene						2.868	2.590	2.696 ^o	2.746	2.757	2.798 ^o	2.778	2.773	2.809	2.757	2.84
1,3,5-Trimethylbenzene						2.281	2.188	2.216	2.412	2.331	2.348	2.335	2.295	2.340	2.305	3.01
1,2,4-Trimethylbenzene						2.137	2.118	2.244	2.434	2.347	2.373	2.358 ^o	2.327	2.365	2.300	4.78
Benzyl chloride						1.147	1.667	1.814	1.875	1.989	2.014	1.997	2.012	2.090	1.845	15.83
1,3-Dichlorobenzene						1.384	1.387	1.523	1.641	1.570	1.552	1.575	1.583	1.621	1.537	6.04 ^o
1,4-Dichlorobenzene						1.347 ^o	1.376	1.437	1.625	1.534	1.505	1.502	1.513	1.555	1.488	5.90
sec-Butylbenzene						3.222	3.059	3.111 ^o	3.324	3.166	3.305	3.222	3.219	3.259	3.210	2.69
4-Isopropyltoluene						2.579	2.553	2.650	2.686	2.664	2.705	2.713	2.741	2.774 ^o	2.674	2.69
1,2-Dichlorobenzene						0.838	1.120	1.255	1.302	1.287 ^o	1.271	1.295	1.278	1.334	1.220	12.73
n-Butylbenzene						1.822	2.144	2.207	2.243	2.293	2.327	2.304	2.322	2.308	2.219	7.24
1,2,4-Trichlorobenzene							0.514	0.575	0.674	0.702	0.644	0.716	0.648	0.661	0.642	10.40
Hexachlorobutadiene						0.567	0.826	0.840	0.898	0.870	0.782	0.807	0.762	0.774	0.792	12.08
1,2-Dichlorotetrafluoroethane(sim)			1.765	1.516	2.076	1.725	1.750	1.711	1.816	1.777	1.819				1.773	8.19
Vinyl Chloride(sim)			1.071	1.000	0.942	0.974	0.959	0.977	1.041	0.984	1.003				0.995	4.06
Bromomethane(sim)			1.216 ^o	1.126	1.034	1.168	0.879	0.873	0.911	0.894	0.889				0.999	13.89 ^o
Trichlorofluoromethane(sim)			3.156 ^o	2.990	3.115	3.134	3.060	3.217 ^o	3.189	3.251	3.304 ^o				3.157	3.06
1,1,1-Trichloroethane(sim)			2.754	3.181	2.716	2.570	2.572	2.564	2.497	2.504	2.576				2.659	8.05
Benzene(sim)			3.906	3.652 ^o	3.318	2.903	2.644	2.554	2.554	2.481					3.002	18.46
Carbon Tetrachloride(sim)			2.533	2.731	2.819	2.777 ^o	2.766	2.915	2.780	2.887	2.960				2.796	4.47
1,1-Dichloroethene(sim)			2.035	1.908	1.969	1.959	1.918	1.960	1.994 ^o	1.993	2.024				1.973	2.19
Trichlorotrifluoroethane(sim)			2.250	2.256	2.058	2.182	1.844	2.012	2.157	2.056	2.121				2.104	6.15

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Lab Code: Phoenix
Instrument ID: CHEM24
Heated Purge (Y/N): Y
GC Column: _____

Client: _____
SDG No.: GCJ80288
Calibration Date From: 11/15/21 03:54
Calibration Date Thru: 11/15/21 08:33
Method File: 24AIR_1114.M

Laboratory File Ids

RRF1	<u>1114_04.D</u>	RRF2	<u>1114_05.D</u>	RRF3	<u>1114_06.D</u>	RRF4	<u>1114_07.D</u>	RRF5	<u>1114_08.D</u>	RRF6	<u>1114_09.D</u>				
RRF7	<u>1114_15.D</u>	RRF8	<u>1114_10.D</u>	RRF9	<u>1114_11.D</u>	RRF10	<u>1114_16.D</u>	RRF11	<u>1114_12.D</u>	RRF12	<u>1114_13.D</u>				
COMPOUND	RRF1 0.02	RRF2 0.035	RRF3 0.05	RRF4 0.1	RRF5 0.2	RRF6 0.5	RRF7 1	RRF8 2.5	RRF9 5	RRF10 10	RRF11 25	RRF12 40	— RRF	% RSD	
Trans-1,2-Dichloroethene(sim)	1.600	1.638	1.618	1.664	1.649	1.660	1.717	1.681	1.713				1.660	2.38	
1,1-Dichloroethane(sim)	1.563	1.943	1.951	2.025	1.815	1.801	1.821	1.806	1.829				1.839	7.14	
Cis-1,2-Dichloroethene(sim)	1.294	1.490	1.516	1.572	1.576	1.606	1.638	1.639	1.662				1.555	7.27	
Chloroform(sim)	2.153	2.424	2.408	2.525	2.109	2.173	2.274	2.256	2.267				2.288	6.07	
1,2-Dichloroethane(sim)	1.526	1.811	1.875	1.966	1.927	1.997	1.991	2.033	2.060				1.910	8.57	
1,2-dichloropropane(sim)	0.265	0.340	0.329	0.365	0.350	0.357	0.362	0.359	0.372				0.344	9.50	
Bromodichloromethane(sim)	0.569	0.790	0.828	0.777	0.753	0.731	0.735	0.762	0.789				0.748	9.86	
Trichloroethene(sim)	0.366	0.412	0.416	0.421	0.412	0.428	0.434	0.438	0.448				0.419	5.57	
1,4-Dioxane(sim)			0.178	0.191	0.160	0.162	0.147	0.150	0.177				0.166	9.71	
cis-1,3-Dichloropropene(sim)	0.369	0.474	0.477	0.513	0.491	0.517	0.541	0.540					0.490	11.28	
1,1,2-Trichloroethane(sim)	0.273	0.357	0.394	0.310	0.356	0.348	0.353	0.343	0.366				0.344	10.06	
Dibromochloromethane(sim)	0.510	0.745	0.773	0.847	0.824	0.869	0.879	0.895	0.950				0.810	15.88	
1,2-Dibromoethane(EDB)(sim)	0.428	0.587	0.633	0.697	0.615	0.648	0.661	0.651	0.687				0.623	12.94	
Tetrachloroethene(sim)	0.411	0.497	0.562	0.575	0.553	0.589	0.590	0.594	0.609	0.605			0.559	10.95	
Bromoform(sim)	0.977	1.505	1.505	1.689	1.600	1.689	1.713	1.693	1.862				1.582	15.96	
1,1,1,2-Tetrachloroethane(sim)	0.730	0.992	0.825	1.068	0.952	0.991	1.084	1.027	1.061				0.970	12.31	
Ethylbenzene(sim)	1.632	2.395	2.367	2.635	2.473	2.593	2.743	2.656					2.437	14.40	
m,p-Xylene(sim)		1.936	1.766	2.041	1.814	1.936	1.979	1.930	1.959				1.920	4.63	
o-Xylene(sim)	1.571	2.339	2.222	2.511	2.346	2.464	2.583	2.503					2.317	13.95	
1,1,2,2-Tetrachloroethane(sim)	1.508	1.469	1.206	1.298	1.345	1.394	1.478	1.378	1.435				1.390	6.93	
Benzyl chloride(sim)	1.446	1.743	1.647	1.118	1.799	1.936	2.084	2.117	2.181				1.786	19.40	
1,3-Dichlorobenzene(sim)	1.609	1.546	1.346	1.408	1.387	1.527	1.641	1.570	1.552				1.509	6.89	
1,4-Dichlorobenzene(sim)	1.365	1.602	1.414	1.427	1.546	1.620	1.762	1.719	1.713				1.574	9.27	
sec-Butylbenzene(sim)		3.260	3.036	3.222	3.059	3.111	3.324	3.166	3.304				3.185	3.45	
4-Isopropyltoluene(sim)		2.877	2.643	2.633	2.657	2.811	2.942	2.904	2.919				2.798	4.76	

(#) The maximum %RSD was not met for this compound

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, li2, li2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Client:

SDG No.: GCJ80288

Calibration Date From: 11/15/21 03:54

Calibration Date Thru: 11/15/21 08:33

Method File: 24AIR 1114.M

Laboratory File Ids

RRF1	1114_04.D	RRF2	1114_05.D	RRF3	1114_06.D	RRF4	1114_07.D	RRF5	1114_08.D	RRF6	1114_09.D	RRF7	1114_10.D	RRF8	1114_11.D	RRF9	1114_12.D	RRF10	1114_13.D	RRF11	1114_14.D	RRF12	1114_15.D	RRF13	1114_16.D	RRF14	1114_17.D	RRF15	1114_18.D	RRF16	1114_19.D	RRF17	1114_20.D	RRF18	1114_21.D	RRF19	1114_22.D	RRF20	1114_23.D	RRF21	1114_24.D	RRF22	1114_25.D	RRF23	1114_26.D	RRF24	1114_27.D	RRF25	1114_28.D	RRF26	1114_29.D	RRF27	1114_30.D	RRF28	1114_31.D	RRF29	1114_32.D	RRF30	1114_33.D	RRF31	1114_34.D	RRF32	1114_35.D	RRF33	1114_36.D	RRF34	1114_37.D	RRF35	1114_38.D	RRF36	1114_39.D	RRF37	1114_40.D	RRF38	1114_41.D	RRF39	1114_42.D	RRF40	1114_43.D	RRF41	1114_44.D	RRF42	1114_45.D	RRF43	1114_46.D	RRF44	1114_47.D	RRF45	1114_48.D	RRF46	1114_49.D	RRF47	1114_50.D	RRF48	1114_51.D	RRF49	1114_52.D	RRF50	1114_53.D	RRF51	1114_54.D	RRF52	1114_55.D	RRF53	1114_56.D	RRF54	1114_57.D	RRF55	1114_58.D	RRF56	1114_59.D	RRF57	1114_60.D	RRF58	1114_61.D	RRF59	1114_62.D	RRF60	1114_63.D	RRF61	1114_64.D	RRF62	1114_65.D	RRF63	1114_66.D	RRF64	1114_67.D	RRF65	1114_68.D	RRF66	1114_69.D	RRF67	1114_70.D	RRF68	1114_71.D	RRF69	1114_72.D	RRF70	1114_73.D	RRF71	1114_74.D	RRF72	1114_75.D	RRF73	1114_76.D	RRF74	1114_77.D	RRF75	1114_78.D	RRF76	1114_79.D	RRF77	1114_80.D	RRF78	1114_81.D	RRF79	1114_82.D	RRF80	1114_83.D	RRF81	1114_84.D	RRF82	1114_85.D	RRF83	1114_86.D	RRF84	1114_87.D	RRF85	1114_88.D	RRF86	1114_89.D	RRF87	1114_90.D	RRF88	1114_91.D	RRF89	1114_92.D	RRF90	1114_93.D	RRF91	1114_94.D	RRF92	1114_95.D	RRF93	1114_96.D	RRF94	1114_97.D	RRF95	1114_98.D	RRF96	1114_99.D	RRF97	1114_100.D	RRF98	1114_101.D	RRF99	1114_102.D	RRF100	1114_103.D	RRF101	1114_104.D	RRF102	1114_105.D	RRF103	1114_106.D	RRF104	1114_107.D	RRF105	1114_108.D	RRF106	1114_109.D	RRF107	1114_110.D	RRF108	1114_111.D	RRF109	1114_112.D	RRF110	1114_113.D	RRF111	1114_114.D	RRF112	1114_115.D	RRF113	1114_116.D	RRF114	1114_117.D	RRF115	1114_118.D	RRF116	1114_119.D	RRF117	1114_120.D	RRF118	1114_121.D	RRF119	1114_122.D	RRF120	1114_123.D	RRF121	1114_124.D	RRF122	1114_125.D	RRF123	1114_126.D	RRF124	1114_127.D	RRF125	1114_128.D	RRF126	1114_129.D	RRF127	1114_130.D	RRF128	1114_131.D	RRF129	1114_132.D	RRF130	1114_133.D	RRF131	1114_134.D	RRF132	1114_135.D	RRF133	1114_136.D	RRF134	1114_137.D	RRF135	1114_138.D	RRF136	1114_139.D	RRF137	1114_140.D	RRF138	1114_141.D	RRF139	1114_142.D	RRF140	1114_143.D	RRF141	1114_144.D	RRF142	1114_145.D	RRF143	1114_146.D	RRF144	1114_147.D	RRF145	1114_148.D	RRF146	1114_149.D	RRF147	1114_150.D	RRF148	1114_151.D	RRF149	1114_152.D	RRF150	1114_153.D	RRF151	1114_154.D	RRF152	1114_155.D	RRF153	1114_156.D	RRF154	1114_157.D	RRF155	1114_158.D	RRF156	1114_159.D	RRF157	1114_160.D	RRF158	1114_161.D	RRF159	1114_162.D	RRF160	1114_163.D	RRF161	1114_164.D	RRF162	1114_165.D	RRF163	1114_166.D	RRF164	1114_167.D	RRF165	1114_168.D	RRF166	1114_169.D	RRF167	1114_170.D	RRF168	1114_171.D	RRF169	1114_172.D	RRF170	1114_173.D	RRF171	1114_174.D	RRF172	1114_175.D	RRF173	1114_176.D	RRF174	1114_177.D	RRF175	1114_178.D	RRF176	1114_179.D	RRF177	1114_180.D	RRF178	1114_181.D	RRF179	1114_182.D	RRF180	1114_183.D	RRF181	1114_184.D	RRF182	1114_185.D	RRF183	1114_186.D	RRF184	1114_187.D	RRF185	1114_188.D	RRF186	1114_189.D	RRF187	1114_190.D	RRF188	1114_191.D	RRF189	1114_192.D	RRF190	1114_193.D	RRF191	1114_194.D	RRF192	1114_195.D	RRF193	1114_196.D	RRF194	1114_197.D	RRF195	1114_198.D	RRF196	1114_199.D	RRF197	1114_200.D	RRF198	1114_201.D	RRF199	1114_202.D	RRF200	1114_203.D	RRF201	1114_204.D	RRF202	1114_205.D	RRF203	1114_206.D	RRF204	1114_207.D	RRF205	1114_208.D	RRF206	1114_209.D	RRF207	1114_210.D	RRF208	1114_211.D	RRF209	1114_212.D	RRF210	1114_213.D	RRF211	1114_214.D	RRF212	1114_215.D	RRF213	1114_216.D	RRF214	1114_217.D	RRF215	1114_218.D	RRF216	1114_219.D	RRF217	1114_220.D	RRF218	1114_221.D	RRF219	1114_222.D	RRF220	1114_223.D	RRF221	1114_224.D	RRF222	1114_225.D	RRF223	1114_226.D	RRF224	1114_227.D	RRF225	1114_228.D	RRF226	1114_229.D	RRF227	1114_230.D	RRF228	1114_231.D	RRF229	1114_232.D	RRF230	1114_233.D	RRF231	1114_234.D	RRF232	1114_235.D	RRF233	1114_236.D	RRF234	1114_237.D	RRF235	1114_238.D	RRF236	1114_239.D	RRF237	1114_240.D	RRF238	1114_241.D	RRF239	1114_242.D	RRF240	1114_243.D	RRF241	1114_244.D	RRF242	1114_245.D	RRF243	1114_246.D	RRF244	1114_247.D	RRF245	1114_248.D	RRF246	1114_249.D	RRF247	1114_250.D	RRF248	1114_251.D	RRF249	1114_252.D	RRF250	1114_253.D	RRF251	1114_254.D	RRF252	1114_255.D	RRF253	1114_256.D	RRF254	1114_257.D	RRF255	1114_258.D	RRF256	1114_259.D	RRF257	1114_260.D	RRF258	1114_261.D	RRF259	1114_262.D	RRF260	1114_263.D	RRF261	1114_264.D	RRF262	1114_265.D	RRF263	1114_266.D	RRF264	1114_267.D	RRF265	1114_268.D	RRF266	1114_269.D	RRF267	1114_270.D	RRF268	1114_271.D	RRF269	1114_272.D	RRF270	1114_273.D	RRF271	1114_274.D	RRF272	1114_275.D	RRF273	1114_276.D	RRF274	1114_277.D	RRF275	1114_278.D	RRF276	1114_279.D	RRF277	1114_280.D	RRF278	1114_281.D	RRF279	1114_282.D	RRF280	1114_283.D	RRF281	1114_284.D	RRF282	1114_285.D	RRF283	1114_286.D	RRF284	1114_287.D	RRF285	1114_288.D	RRF286	1114_289.D	RRF287	1114_290.D	RRF288	1114_291.D	RRF289	1114_292.D	RRF290	1114_293.D	RRF291	1114_294.D	RRF292	1114_295.D	RRF293	1114_296.D	RRF294	1114_297.D	RRF295	1114_298.D	RRF296	1114_299.D	RRF297	1114_300.D	RRF298	1114_301.D	RRF299	1114_302.D	RRF300	1114_303.D	RRF301	1114_304.D	RRF302	1114_305.D	RRF303	1114_306.D	RRF304	1114_307.D	RRF305	1114_308.D	RRF306	1114_309.D	RRF307	1114_310.D	RRF308	1114_311.D	RRF309	1114_312.D	RRF310	1114_313.D	RRF311	1114_314.D	RRF312	1114_315.D	RRF313	1114_316.D	RRF314	1114_317.D	RRF315	1114_318.D	RRF316	1114_319.D	RRF317	1114_320.D	RRF318	1114_321.D	RRF319	1114_322.D	RRF320	1114_323.D	RRF321	1114_324.D	RRF322	1114_325.D	RRF323	1114_326.D	RRF324	1114_327.D	RRF325	1114_328.D	RRF326	1114_329.D	RRF327	1114_330.D	RRF328	1114_331.D	RRF329	1114_332.D	RRF330	1114_333.D	RRF331	1114_334.D	RRF332	1114_335.D	RRF333	1114_336.D	RRF334	1114_337.D	RRF335	1114_338.D	RRF336	1114_339.D	RRF337	1114_340.D	RRF338	1114_341.D	RRF339	1114_342.D	RRF340	1114_343.D	RRF341	1114_344.D	RRF342	1114_345.D	RRF343	1114_346.D	RRF344	1114_347.D	RRF345	1114_348.D	RRF346	1114_349.D	RRF347	1114_350.D	RRF348	1114_351.D	RRF349	1114_352.D	RRF350	1114_353.D	RRF351	1114_354.D	RRF352	1114_355.D	RRF353	1114_356.D	RRF354	1114_357.D	RRF355	1114_358.D	RRF356	1114_359.D	RRF357	1114_360.D	RRF358	1114_361.D	RRF359	1114_362.D	RRF360	1114_363.D	RRF361	1114_364.D	RRF362	1114_365.D	RRF363	1114_366.D	RRF364	1114_367.D	RRF365	1114_368.D	RRF366	1114_369.D	RRF367	1114_370.D	RRF368	1114_371.D	RRF369	1114_372.D	RRF370	1114_373.D	RRF371	1114_374.D	RRF372	1114_375.D	RRF373	1114_376.D	RRF374	1114_377.D	RRF375	1114_378.D	RRF376	1114_379.D	RRF377	1114_380.D	RRF378	1114_381.D	RRF379	1114_382.D	RRF380	1114_383.D	RRF381	1114_384.D	RRF382	1114_385.D	RRF383	1114_386.D	RRF384	1114_387.D	RRF385	1114_388.D	RRF386	1114_389.D	RRF387	1114_390.D	RRF388	1114_391.D	RRF389	1114_392.D	RRF390	1114_393.D	RRF391	1114_394.D	RRF392	1114_395.D	RRF393	1114_396.D	RRF394	1114_397.D	RRF395	1114_398.D	RRF396	1114_399.D	RRF397	1114_400.D	RRF398	1114_401.D	RRF399	1114_402.D	RRF400	1114_403.D	RRF401	1114_404.D	RRF402	1114_405.D	RRF403	1114_406.D	RRF404	1114_407.D	RRF405	1114_408.D	RRF406	1114_409.D	RRF407	1114_410.D	RRF408	1114_411.D	RRF409	1114_412.D	RRF410	1114_413.D	RRF411	1114_414.D	RRF412	1114_415.D	RRF413	1114_416.D	RRF414	1114_417.D	RRF415	1114_418.D	RRF416	1114_419.D	RRF417	1114_420.D	RRF418	1114_421.D	RRF419	1114_422.D	RRF420	1114_423.D	RRF421	1114_424.D	RRF422	1114_425.D	RRF423	1114_426.D	RRF424	1114_427.D	RRF425	1114_428.D	RRF426	1114_429.D	RRF427	1114_430.D	RRF428	1114_431.D	RRF429	1114_432.D	RRF430	1114_433.D	RRF431	1114_434.D	RRF432	1114_435.D	RRF433	1114_436.D	RRF434	1114_437.D	RRF435	1114_438.D	RRF436	1114_439.D	RRF437	1114_440.D	RRF438	1114_441.D	RRF439	1114_442.D	RRF440	1114_443.D	RRF441	1114_444.D	RRF442	1114_445.D	RRF443	1114_446.D	RRF444	1114_447.D	RRF445	1114_448.D	RRF446	1114_449.D	RRF447	1114_450.D	RRF448	1114_451.D	RRF449	1114_452.D	RRF450	1114_453.D	RRF451	1114_454.D	RRF452	1114_455.D	RRF453	1114_456.D	RRF454	1114_457.D	RRF455	1114_458.D	RRF456	1114_459.D	RRF457	1114_460.D	RRF458	1114_461.D	RRF459	1114_462.D	RRF460	1114_463.D	RRF461	1114_464.D	RRF462	1114_465.D	RRF463	1114_466.D	RRF464	1114_467.D	RRF465	1114_468.D	RRF466	1114_469.D	RRF467	1114_470.D	RRF468	1114_471.D	RRF469	1114_472.D	RRF470	1114_473.D	RRF471	1114_474.D	RRF472	1114_475.D	RRF473	1114_476.D	RRF474	1114_477.D	RRF475	1114_478.D	RRF476	1114_479.D	RRF477	1114_480.D	RRF478	1114_481.D	RRF479	1114_482.D	RRF480	1114_483.D	RRF481	1114_484.D	RRF482	1114_485.D	RRF483	1114_486.D	RRF484	1114_487.D	RRF485	1114_488.D	RRF486	1114_489.D	RRF487	1114_490.D	RRF488	1114_491.D	RRF489	1114_492.D	RRF490	1114_493.D	RRF491	1114_494.D	RRF492	1114_495.D	RRF493	1114_496.D	RRF494	1114_497.D	RRF495	1114_498.D	RRF496	1114_499.D	RRF497	1114_500.D	RRF498	1114_501.D	RRF499	1114_502.D	RRF500	1114_503.D	RRF501	1114_504.D	RRF502	1114_505.D	RRF503	1114_506.D	RRF504	1114_507.D	RRF505	1114_508.D	RRF506	1114_509.D	RRF507	1114_510.D	RRF508	1114_511.D	RRF509	1114_512.D	RRF510	1114_513.D	RRF511	1114_514.D	RRF512	1114_515.D	RRF513	1114_516.D	RRF514	1114_517.D	RRF515	1114_518.D	RRF516	1114_519.D	RRF517	1114_520.D	RRF518	1114_521.D	RRF519	1114_522.D	RRF520	1114_523.D	RRF521	1114_524.D	RRF522	1114_525.D	RRF523	1114_526.D	RRF524	1114_527.D	RRF525</

Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

Response Factor Report Chem24

Method Path : H:\AIR2021\CHEM24\Methods\
 Method File : 24AIR_1114.M
 Title : VOA Standards for 5 point calibration
 Last Update : Mon Nov 15 09:26:06 2021
 Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,g,qf) display calculated conc and corr. coefficient.)

.035=1114_05.D 0.05=1114_06.D 0.1=1114_07.D 0.2=1114_08.D 0.5=1114_09.D 1.0=1114_15.D 2.5=1114_10.D 5.0=1114_11.D
 10=1114_16.D 25=1114_12.D 40=1114_13.D 0.02=1114_04.D

Compound	.035	0.05	0.1	0.2	0.5	1.0	2.5	5.0	10	25	40	0.02	Avg	%RSD
1) Int Bromochloromethane	-----ISTD-----													
2) Propylene				1.026	0.918	0.987	0.888	0.953	0.927	0.936	0.921		0.944	4.62
3) Dichlorodifluo...	2.834	2.683	2.966	3.075	2.986	3.060	2.923	2.934	2.856				2.924	4.15
4) Chloromethane	1.783	1.715	1.583	1.627	1.552	1.570	1.557	1.542	1.514				1.605	5.53
5) 1,2-Dichlorote...	1.797	1.833	1.771	1.881	1.874	1.923	1.910	1.858	1.835				1.854	2.70
6) Vinyl Chloride	1.163	0.932	0.955	1.007	0.927	0.989	0.972	0.957	0.955				0.984	7.28
7) 1,3-Butadiene	1.118	0.973	0.800	0.829	0.802	0.819	0.808	0.818	0.809				0.864	12.65
8) Bromomethane		0.920	0.901	0.944	0.947	0.939	0.935	0.934	0.925				0.931	1.60
9) Chloroethane	0.409	0.447	0.429	0.410	0.414	0.414	0.397	0.397	0.389				0.412	4.27
10) Ethanol				0.588	0.516	0.492	0.474	0.426	0.386	0.348			0.461	17.65
12) Acetone				3.687	2.195	2.214	2.219	2.073	2.545	2.440			2.482	22.36
13) Trichlorofluor...	3.285	3.164	3.218	3.182	3.234	3.308	3.169	3.253	3.110				3.214	1.98
14) Isopropylalcohol				2.469	2.478	2.550	2.434	2.281	2.068				2.380	7.44
15) Acrylonitrile		0.966	0.793	0.831	0.791	0.812	0.776	0.785	0.788				0.818	7.63
16) 1,1-Dichloroet...	2.004	2.082	1.853	1.916	1.923	1.965	1.911	1.947	1.898				1.944	3.44
17) Methylene Chlo...			2.012	1.800	1.709	1.712	1.637	1.631	1.611				1.730	8.09
20) Carbon Disulfide		2.752	2.440	2.520	2.576	2.605	2.595	2.576	2.563				2.578	3.40
21) Trichlorotrifl...	2.273	1.932	2.088	2.235	2.169	2.242	2.193	2.171	2.172				2.164	4.73
22) Trans-1,2-Dich...	1.452	1.692	1.621	1.644	1.615	1.678	1.612	1.651	1.668				1.626	4.36
23) 1,1-Dichloroet...	1.032	1.910	1.865	1.887	1.905	1.932	1.894	1.926	1.910				1.807	16.13
24) Methyl tert-bu...		3.188	2.622	2.125	2.390	2.647	2.448	2.478	2.500				2.550	11.91
25) Methyl Ethyl K...			2.823	3.011	2.748	2.850	2.733	2.821	2.781				2.824	3.28
26) Cis-1,2-Dichlo...	1.564	1.584	1.513	1.567	1.613	1.627	1.571	1.612	1.614				1.585	2.26
27) Hexane		1.678	1.455	1.494	1.436	1.474	1.440	1.530	2.134				1.580	15.00
28) Chloroform	2.631	2.209	2.259	2.356	2.380	2.385	2.325	2.375	2.338				2.362	4.95
29) Ethyl acetate		4.084	3.796	3.623	3.638	3.800	3.500	3.659	3.616				3.715	4.81
30) Tetrahydrofuran		1.188	1.035	0.910	0.904	0.945	0.871	0.927	0.891				0.959	10.96
31) 1,2-Dichloroet...	1.777	1.956	1.955	1.871	1.965	1.998	1.923	1.981	1.955				1.931	3.53
32) 1,1,1-Trichlor...	2.677	2.694	2.654	2.587	2.641	2.721	2.563	2.655	2.605				2.644	1.94
33) Benzene	3.003	2.386	2.450	2.412	2.440	2.485	2.388	2.401	2.461				2.492	7.82
34) Carbon Tetrach...	2.971	2.916	3.018	2.882	3.054	3.128	3.086	3.127	3.052				3.026	2.90
35) Cyclohexane		1.784	1.703	1.669	1.667	1.730	1.634	1.656	1.685				1.691	2.82
36) Int 1,4-Difluorobenzene	-----ISTD-----													
37) 1,2-dichloropr...	0.346	0.339	0.355	0.321	0.330	0.353	0.335	0.337	0.341				0.340	3.10
38) Bromodichlorom...	0.795	0.760	0.731	0.736	0.762	0.789	0.761	0.777	0.773				0.765	2.84
39) Trichloroethene	0.398	0.426	0.388	0.406	0.400	0.419	0.412	0.410	0.414				0.408	2.80
41) 1,4-Dioxane	0.191	0.160	0.166	0.147	0.150	0.177	0.173	0.145	0.139				0.161	10.69
43) Heptane	0.771	0.799	0.784	0.674	0.650	0.693	0.666	0.665	0.670				0.708	8.34
44) cis-1,3-Dichlo...	0.509	0.458	0.478	0.496	0.498	0.497	0.506	0.511	0.524				0.497	3.91

Response Factor Report Chem24

Method Path : H:\AIR2021\CHEM24\Methods\

Method File : 24AIR_1114.M

Title : VOA Standards for 5 point calibration

45)	4-Methyl-2-pen...	1.037	1.010	0.883	0.943	1.035	0.994	1.010	0.995	0.988	5.23
46)	trans-1,3-Dich...	0.516	0.450	0.482	0.514	0.520	0.531	0.515	0.535	0.530	5.36
47)	1,1,2-Trichlor...	0.324	0.356	0.350	0.356	0.344	0.366	0.357	0.357	0.363	3.56
48)	Toluene	0.840	0.892	0.822	0.868	0.869	0.906	0.888	0.910	0.913	3.61
49)	Dibromochlorom...	0.954	0.771	0.857	0.860	0.849	0.917	0.883	0.914	0.916	6.10
50)	2-Hexanone(MBK)		1.042	0.878	0.829	0.861	1.011	0.951	0.990	0.993	8.31
51)	1,2-Dibromoeth...	0.697	0.618	0.650	0.661	0.657	0.687	0.682	0.696	0.701	4.13
52)	Tetrachloroethene	0.531	0.555	0.546	0.550	0.562	0.559	0.562	0.554	0.568	1.95

53)	Int Chlorobenzene-d5	-----ISTD-----									
54)	1,1,1,2-Tetrac...	1.068	0.984	0.991	1.084	1.027	1.064	1.052	1.034	1.053	3.30
55)	Chlorobenzene	1.600	1.373	1.496	1.526	1.460	1.491	1.493	1.478	1.503	3.99
56)	Ethylbenzene	2.468	2.433	2.463	2.500	2.441	2.459	2.495	2.469	2.524	1.17
57)	m,p-Xylene	2.041	1.814	1.936	1.583	1.929	1.959	1.944	1.949	1.960	6.98
58)	Bromoform	1.685	1.536	1.683	1.692	1.633	1.816	1.796	1.783	1.839	5.74
59)	Styrene	1.508	1.271	1.292	1.414	1.376	1.390	1.411	1.388	1.435	5.15
60)	1,1,2,2-Tetrac...	1.298	1.345	1.394	1.482	1.378	1.436	1.405	1.399	1.442	3.89
61)	o-Xylene	2.383	2.244	2.331	2.386	2.281	2.388	2.381	2.070	2.078	5.63
62)	Surr% Bromofluorob...	1.386	1.402	1.394	1.422	1.415	1.413	1.425	1.413	1.400	0.92
64)	Isopropylbenzene	2.857	2.558	2.585	2.625	2.589	2.675	2.661	2.629	2.673	3.30
66)	4-Ethyltoluene	2.868	2.590	2.696	2.746	2.757	2.798	2.778	2.773	2.809	2.84
67)	1,3,5-Trimethy...	2.281	2.188	2.216	2.412	2.331	2.348	2.335	2.295	2.340	3.01
68)	1,2,4-Trimethy...	2.137	2.118	2.244	2.434	2.347	2.373	2.358	2.327	2.365	4.78
70)	Benzyl chloride	1.147	1.667	1.814	1.875	1.989	2.014	1.997	2.012	2.090	15.83
71)	1,3-Dichlorobe...	1.384	1.387	1.523	1.641	1.570	1.552	1.575	1.583	1.621	6.04
72)	1,4-Dichlorobe...	1.347	1.376	1.437	1.625	1.534	1.505	1.502	1.513	1.555	5.90
73)	sec-Butylbenzene	3.222	3.059	3.111	3.324	3.166	3.305	3.222	3.219	3.259	2.69
74)	4-Isopropyltol...	2.579	2.553	2.650	2.686	2.664	2.705	2.713	2.741	2.774	2.69
75)	1,2-Dichlorobe...	0.838	1.120	1.255	1.302	1.287	1.271	1.295	1.278	1.334	12.73
76)	n-Butylbenzene	1.822	2.144	2.207	2.243	2.293	2.327	2.304	2.322	2.308	7.24
77)	1,2,4-Trichlor...		0.514	0.575	0.674	0.702	0.644	0.716	0.648	0.661	10.40
79)	Hexachlorobuta...	0.567	0.826	0.840	0.898	0.870	0.782	0.807	0.762	0.774	12.08

80)	int Bromochloromethane...	-----ISTD-----										
81)	1,2-Dichlorote...	1.516	2.076	1.725	1.750	1.711	1.816	1.777	1.819	1.765	1.773	8.19
82)	Vinyl Chloride...	1.000	0.942	0.974	0.959	0.977	1.041	0.984	1.003	1.071	0.995	4.06
83)	Bromomethane(sim)	1.126	1.034	1.168	0.879	0.873	0.911	0.894	0.889	1.216	0.999	13.89
84)	Trichlorofluor...	2.990	3.115	3.134	3.060	3.217	3.189	3.251	3.304	3.156	3.157	3.06
85)	1,1,1-Trichlor...	3.181	2.716	2.570	2.572	2.564	2.497	2.504	2.576	2.754	2.659	8.05
86)	Benzene(sim)	3.652	3.318	2.903	2.644	2.554	2.554	2.481		3.906	3.002	18.46
87)	Carbon Tetrach...	2.731	2.819	2.777	2.766	2.915	2.780	2.887	2.960	2.533	2.796	4.47
88)	1,1-Dichloroet...	1.908	1.969	1.959	1.918	1.960	1.994	1.993	2.024	2.035	1.973	2.19
89)	Trichlorotrifl...	2.256	2.058	2.182	1.844	2.012	2.157	2.056	2.121	2.250	2.104	6.15
90)	Trans-1,2-Dich...	1.638	1.618	1.664	1.649	1.660	1.717	1.681	1.713	1.600	1.660	2.38
91)	1,1-Dichloroet...	1.943	1.951	2.025	1.815	1.801	1.821	1.806	1.829	1.563	1.839	7.14
92)	Cis-1,2-Dichlo...	1.490	1.516	1.572	1.576	1.606	1.638	1.639	1.662	1.294	1.555	7.27
93)	Chloroform(sim)	2.424	2.408	2.525	2.109	2.173	2.274	2.256	2.267	2.153	2.288	6.07
94)	1,2-Dichloroet...	1.811	1.875	1.966	1.927	1.997	1.991	2.033	2.060	1.526	1.910	8.57

95) int 1,4-Difluorobenzen... -----ISTD-----

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Method	Path : H:\AIR2021\CHEM24\Methods\											
Method	File : 24AIR_1114.M											
Title	: VOA Standards for 5 point calibration											
96)	1,2-dichloropr...	0.340	0.329	0.365	0.350	0.357	0.362	0.359	0.372	0.265	0.344	9.50
97)	Bromodichlorom...	0.790	0.828	0.777	0.753	0.731	0.735	0.762	0.789	0.569	0.748	9.86
98)	Trichloroethen...	0.412	0.416	0.421	0.412	0.428	0.434	0.438	0.448	0.366	0.419	5.57
99)	1,4-Dioxane(sim)		0.178	0.191	0.160	0.162	0.147	0.150	0.177		0.166	9.71
100)	cis-1,3-Dichlo...	0.474	0.477	0.513	0.491	0.517	0.541	0.540		0.369	0.490	11.28
101)	1,1,2-Trichlor...	0.357	0.394	0.310	0.356	0.348	0.353	0.343	0.366	0.273	0.344	10.06
102)	Dibromochlorom...	0.745	0.773	0.847	0.824	0.869	0.879	0.895	0.950	0.510	0.810	15.88
103)	1,2-Dibromoeth...	0.587	0.633	0.697	0.615	0.648	0.661	0.651	0.687	0.428	0.623	12.94
104)	Tetrachloroeth...	0.497	0.562	0.575	0.553	0.589	0.590	0.594	0.609	0.411	0.559	10.95
105)	int Chlorobenzene-d5(sim)	-----ISTD-----										
106)	Bromoform(sim)	1.505	1.505	1.689	1.600	1.689	1.713	1.693	1.862	0.977	1.582	15.96
107)	1,1,1,2-Tetrac...	0.992	0.825	1.068	0.952	0.991	1.084	1.027	1.061	0.730	0.970	12.31
108)	Ethylbenzene(sim)	2.395	2.367	2.635	2.473	2.593	2.743	2.656		1.632	2.437	14.40
109)	m,p-Xylene(sim)	1.936	1.766	2.041	1.814	1.936	1.979	1.930	1.959		1.920	4.63
110)	o-Xylene(sim)	2.339	2.222	2.511	2.346	2.464	2.583	2.503		1.571	2.317	13.95
111)	1,1,2,2-Tetrac...	1.469	1.206	1.298	1.345	1.394	1.478	1.378	1.435	1.508	1.390	6.93
114)	Benzyl chlorid...	1.743	1.647	1.118	1.799	1.936	2.084	2.117	2.181	1.446	1.786	19.40
115)	1,3-Dichlorobe...	1.546	1.346	1.408	1.387	1.527	1.641	1.570	1.552	1.609	1.509	6.89
116)	1,4-Dichlorobe...	1.602	1.414	1.427	1.546	1.620	1.762	1.719	1.713	1.365	1.574	9.27
117)	sec-Butylbenze...	3.260	3.036	3.222	3.059	3.111	3.324	3.166	3.304		3.185	3.45
118)	4-Isopropyltol...	2.877	2.643	2.633	2.657	2.811	2.942	2.904	2.919		2.798	4.76
119)	1,2-Dichlorobe...	1.383	1.067	0.838	1.110	1.257	1.302	1.286	1.271	1.663	1.242	18.34
120)	n-Butylbenzene...	2.302	2.225	1.942	2.242	2.355	2.480	2.491	2.535		2.322	8.31
121)	1,2,4-Trichlor...	0.528	0.773	0.327	0.514	0.575	0.669	0.704		0.534	0.578	23.91
122)	Hexachlorobuta...	1.077	1.064	0.627	0.891	0.916	0.962	0.953			0.927	16.16

(#,\$,@)=Out of Range l=linear lf=linear(0,0) q=Quadratic qf=Quadratic(0,0)

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / Average Date Analyzed: 11/15/21
 Instrument ID: CHEM24 Time Analyzed: 7:59
 GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) Area Avg #	RT Avg #	IS2 (DFB) Area Avg #	RT Avg #	IS3 (CBZ) Area Avg #	RT Avg #			LAB FILE ID
REFERENCE STD	225446	5.12	795359	7.08	410249	10.69			Average
UPPER LIMIT	316752	5.45	1117480	7.41	576399	11.02			Average
LOWER LIMIT	134141	4.79	473239	6.75	244098	10.36			Average
CLIENT ID									
01 ICAL 0.2	218758	5.12	774992	7.09	400196	10.69			1114 08.D
02 ICAL 0.5	216383	5.12	752617	7.08	387097	10.69			1114 09.D
03 ICAL 2.5	215915	5.12	766053	7.08	394798	10.69			1114 10.D
04 ICAL 5	217979	5.13	763850	7.09	398148	10.69			1114 11.D
05 ICAL 25	218929	5.13	781647	7.09	413859	10.69			1114 12.D
06 ICAL 40	235454	5.13	833887	7.09	436645	10.69			1114 13.D
07 ICAL 1	242845	5.12	851704	7.09	424488	10.69			1114 15.D
08 ICAL 10	237307	5.13	838123	7.09	426758	10.69			1114 16.D
09									
10									
11	⊙		⊙						
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / Average Date Analyzed: 11/15/21
 Instrument ID: CHEM24 Time Analyzed: 7:59
 GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) Area Avg #	RT Avg #	IS2 (DFB) Area Avg #	RT Avg #	IS3 (CBZ) Area Avg #	RT Avg #			LAB FILE ID
REFERENCE STD	236960	5.12	801755	7.08	409093	10.69			Average
UPPER LIMIT	332929	5.45	1126466	7.41	574776	11.02			Average
LOWER LIMIT	140991	4.79	477044	6.75	243410	10.36			Average
CLIENT ID									
01 ICAL 0.02	242210	5.12	833601	7.08	423837	10.68			1114_04.D
02 ICAL 0.035	241348	5.11	826890	7.08	418659	10.68			1114_05.D
03 ICAL 0.05	241873	5.12	813490	7.08	414170	10.69			1114_06.D
04 ICAL 0.1	232868	5.12	796231	7.09	402779	10.69			1114_07.D
05 ICAL 0.2	229142	5.12	774992	7.09	400196	10.69			1114_08.D
06 ICAL 0.5	223970	5.12	752617	7.08	387097	10.69			1114_09.D
07 ICAL 2.5	227772	5.12	766053	7.08	394798	10.69			1114_10.D
08 ICAL 5	230337	5.12	763850	7.09	398148	10.69			1114_11.D
09 ICAL 1	251594	5.12	851704	7.09	424488	10.69			1114_15.D
10 ICAL 10	248484	5.12	838123	7.09	426758	10.69			1114_16.D
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Lab File ID: 1117_02.D BFB Injection Date: 11/17/21

Instrument ID: CHEM24 BFB Injection Time: 13:36

GC Column: RTX-VMS Heated Purge: (Y/N) Y

AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1610

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	31.9
75	30.0 - 66.0% of mass 95	54.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	92.8
175	4.0 - 9.0% of mass 174	7.8 (7.2)1
176	93.0 - 101.0% of mass 174	97.1 (90.1)1
177	5.0 - 9.0% of mass 176	6.7 (6.0)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb cCal ;	1117_02.D	11/17/21	13:36	
02	CJ80291 LCS	CJ80291 LCS	1117_04.D	11/17/21	14:46	
03	CJ80291 BLANK	CJ80291 BLANK	1117_06.D	11/17/21	15:47	
04	AA-CB	CJ80291	1117_08.D	11/17/21	18:29	
05	AA-CB DUP	CJ80291 DUP	1117_09.D	11/17/21	19:05	
06	AA-02	CJ80292	1117_10.D	11/17/21	19:39	
07	SV-15 5X	CJ80289 5X	1117_12.D	11/17/21	20:43	
08	SV-16 5X	CJ80290 5X	1117_13.D	11/17/21	21:17	
09	SV-13 5X	CJ80293 5X	1117_14.D	11/17/21	21:50	
10	CJ80080 QC 5X	CJ80080 QC 5X	1117_25.D	11/18/21	03:45	
11						
12						
13						
14						
15						
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17						
18						
19						
20						
21						
22						
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24						
25						

(*) Outside 24 hr clock

FORM V AIR

7A
AIR CONTINUING CALIBRATION CHECK

associated with
80289 (5X), 80290 (5X),
80293 (5X)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/17/21 Time: 13:36

Lab File Id: 1117_02.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.944	1.033		-9.4	30
Dichlorodifluoromethane	2.924	3.109		-6.3	30
Chloromethane	1.605	1.691		-5.4	30
1,2-Dichlorotetrafluoroethane	1.854	1.919		-3.5	30
Vinyl Chloride	0.984	0.969		1.5	30
1,3-Butadiene	0.864	0.835		3.4	30
Bromomethane	0.931	0.883		5.2	30
Chloroethane	0.412	0.388		5.8	30
Ethanol	0.461	0.755	flag (+) J	-63.8 #	30
Acetone	2.482	2.517		-1.4	30
Trichlorofluoromethane	3.214	3.493		-8.7	30
Isopropylalcohol	2.380	3.152	Flag (+) J	-32.4 #	30
Acrylonitrile	0.818	0.808		1.2	30
1,1-Dichloroethene	1.944	1.900		2.3	30
Methylene Chloride	1.730	2.028		-17.2	30
Carbon Disulfide	2.578	2.568		0.4	30
Trichlorotrifluoroethane	2.164	2.272		-5.0	30
Trans-1,2-Dichloroethene	1.626	1.717		-5.6	30
1,1-Dichloroethane	1.807	1.933		-7.0	30
Methyl tert-butyl ether(MTBE)	2.550	2.206		13.5	30
Methyl Ethyl Ketone	2.824	2.853		-1.0	30
Cis-1,2-Dichloroethene	1.585	1.530		3.5	30
Hexane	1.580	1.562		1.1	30
Chloroform	2.362	2.360		0.1	30
Ethyl acetate	3.715	3.676		1.0	30
Tetrahydrofuran	0.959	0.998		-4.1	30
1,2-Dichloroethane	1.931	2.034		-5.3	30
1,1,1-Trichloroethane	2.644	2.663		-0.7	30
Benzene	2.492	2.278		8.6	30
Carbon Tetrachloride	3.026	3.226		-6.6	30
Cyclohexane	1.691	1.675		0.9	30
1,2-dichloropropane	0.340	0.333		2.1	30
Bromodichloromethane	0.765	0.775		-1.3	30
Trichloroethene	0.408	0.447		-9.6	30
1,4-Dioxane	0.161	0.118		26.7	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/17/21 Time: 13:36

Lab File Id: 1117_02.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Heptane	0.708	0.694		2.0	30
cis-1,3-Dichloropropene	0.497	0.495		0.4	30
4-Methyl-2-pentanone(MIBK)	0.988	0.908		8.1	30
trans-1,3-Dichloropropene	0.510	0.514		-0.8	30
1,1,2-Trichloroethane	0.353	0.358		-1.4	30
Toluene	0.879	0.859		2.3	30
Dibromochloromethane	0.880	0.881		-0.1	30
2-Hexanone(MBK)	0.944	0.792		16.1	30
1,2-Dibromoethane(EDB)	0.672	0.648		3.6	30
Tetrachloroethene	0.554	0.549		0.9	30
1,1,1,2-Tetrachloroethane	1.040	1.012		2.7	30
Chlorobenzene	1.491	1.472		1.3	30
Ethylbenzene	2.472	2.463		0.4	30
m,p-Xylene	1.902	1.577		17.1	30
Bromoform	1.718	1.617		5.9	30
Styrene	1.387	1.367		1.4	30
1,1,2,2-Tetrachloroethane	1.398	1.228		12.2	30
o-Xylene	2.282	2.364		-3.6	30
Isopropylbenzene	2.650	2.576		2.8	30
4-Ethyltoluene	2.757	2.765		-0.3	30
1,3,5-Trimethylbenzene	2.305	2.324		-0.8	30
1,2,4-Trimethylbenzene	2.300	2.391		-4.0	30
Benzyl chloride	1.845	1.983		-7.5	30
1,3-Dichlorobenzene	1.537	1.510		1.8	30
1,4-Dichlorobenzene	1.488	1.577		-6.0	30
sec-Butylbenzene	3.210	3.264		-1.7	30
4-Isopropyltoluene	2.674	2.617		2.1	30
1,2-Dichlorobenzene	1.220	1.271		-4.2	30
n-Butylbenzene	2.219	2.292		-3.3	30
1,2,4-Trichlorobenzene	0.642	0.647		-0.8	30
Hexachlorobutadiene	0.792	0.847		-6.9	30
1,2-Dichlorotetrafluoroethane(sim)	1.773	1.871		-5.5	30
Vinyl Chloride(sim)	0.995	1.049		-5.4	30
Bromomethane(sim)	0.999	0.864		13.5	30
Trichlorofluoromethane(sim)	3.157	3.573		-13.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/17/21 Time: 13:36

Lab File Id: 1117_02.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,1,1-Trichloroethane(sim)	2.659	2.597		2.3	30
Benzene(sim)	3.002	2.501		16.7 ^o	30
Carbon Tetrachloride(sim)	2.796	3.143		-12.4	30
1,1-Dichloroethene(sim)	1.973	2.122		-7.6	30
Trichlorotrifluoroethane(sim)	2.104	2.215 ^o		-5.3	30
Trans-1,2-Dichloroethene(sim)	1.660	1.754		-5.7	30
1,1-Dichloroethane(sim)	1.839	1.882		-2.3	30
Cis-1,2-Dichloroethene(sim)	1.555	1.665		-7.1	30
Chloroform(sim)	2.288	2.293		-0.2 ^o	30
1,2-Dichloroethane(sim)	1.910	2.190		-14.7	30
1,2-dichloropropane(sim)	0.344	0.358		-4.1	30
Bromodichloromethane(sim)	0.748	0.774		-3.5	30
Trichloroethene(sim)	0.419	0.488		-16.5	30
1,4-Dioxane(sim)	0.166	0.118 ^o		28.9	30
cis-1,3-Dichloropropene(sim)	0.490	0.541 ^o		-10.4	30
1,1,2-Trichloroethane(sim)	0.344	0.358		-4.1	30
Dibromochloromethane(sim)	0.810	0.921		-13.7	30
1,2-Dibromoethane(EDB)(sim)	0.623	0.647		-3.9	30
Tetrachloroethene(sim)	0.559	0.587		-5.0 ^o	30
Bromoform(sim)	1.582	1.668		-5.4	30
1,1,1,2-Tetrachloroethane(sim)	0.970	1.012 ^o		-4.3	30
Ethylbenzene(sim)	2.437	2.686		-10.2	30
m,p-Xylene(sim)	1.920	1.971		-2.7	30
o-Xylene(sim)	2.317	2.509		-8.3	30
1,1,2,2-Tetrachloroethane(sim)	1.390	1.230		11.5 ^o	30
Benzyl chloride(sim)	1.786	2.129		-19.2	30
1,3-Dichlorobenzene(sim)	1.509	1.505		0.3	30
1,4-Dichlorobenzene(sim)	1.574	1.726		-9.7	30
sec-Butylbenzene(sim)	3.185	3.260 ^o		-2.4	30
4-Isopropyltoluene(sim)	2.798	2.903		-3.8	30
1,2-Dichlorobenzene(sim)	1.242	1.271		-2.3	30
n-Butylbenzene(sim)	2.322	2.461		-6.0 ^o	30
1,2,4-Trichlorobenzene(sim)	0.578	0.643		-11.2	30
Hexachlorobutadiene(sim)	0.927	0.933		-0.6	30
% Bromofluorobenzene	1.408	1.433		-1.8	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / 1117_02.D Date Analyzed: 11/17/21
 Instrument ID: CHEM24 Time Analyzed: 13:36
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	190893	5.08	652933	7.05	340090	10.66			1117_02.D
UPPER LIMIT	268205	5.41	917371	7.38	477826	10.99			1117_02.D
LOWER LIMIT	113581	4.75	388495	6.72	202354	10.33			1117_02.D
CLIENT ID									
01 CCAL 1	190893	5.08	652933	7.05	340090	10.66			1117_02.D
02 CJ80291 LCS	190576	5.08	637739	7.05	344448	10.67			1117_04.D
03 CJ80291 BLANK	190442	5.08	642279	7.06	333091	10.67			1117_06.D
04 AA-CB	177866	5.07	616711	7.05	322297	10.66			1117_08.D
05 AA-CB DUP	173217	5.08	589034	7.05	313925	10.66			1117_09.D
06 AA-02	175143	5.08	597478	7.05	310318	10.67			1117_10.D
07 SV-15 5X	174965	5.09	601020	7.06	314437	10.66			1117_12.D
08 SV-16 5X	175973	5.08	601290	7.06	342522	10.67			1117_13.D
09 SV-13 5X	185847	5.09	633016	7.06	331110	10.67			1117_14.D
10 CJ80080 QC 5X	235060	5.09	760517	7.07	392144	10.68			1117_25.D
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / 1117_02.D Date Analyzed: 11/17/21
 Instrument ID: CHEM24 Time Analyzed: 13:36
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	195759	5.08	652933	7.05	340090	10.66			1117_02.D
UPPER LIMIT	275041	5.41	917371	7.38	477826	10.99			1117_02.D
LOWER LIMIT	116477	4.75	388495	6.72	202354	10.33			1117_02.D
CLIENT ID									
01 CCAL 1	195759	5.08	652933	7.05	340090	10.66			1117_02.D
02 CJ80291 LCS	194147	5.08	637739	7.05	344448	10.67			1117_04.D
03 CJ80291 BLANK	191265	5.08	642279	7.06	333091	10.67			1117_06.D
04 AA-CB	182176	5.08	616711	7.05	322297	10.66			1117_08.D
05 AA-CB DUP	176882	5.08	589034	7.05	313925	10.66			1117_09.D
06 AA-02	175961	5.08	597478	7.05	310318	10.67			1117_10.D
07 SV-15 5X	176574	5.09	601020	7.06	314437	10.66			1117_12.D
08 SV-16 5X	180077	5.09	601290	7.06	342522	10.67			1117_13.D
09 SV-13 5X	188220	5.08	633016	7.06	331110	10.67			1117_14.D
10 CJ80080 QC 5X	231721	5.09	760517	7.07	392144	10.68			1117_25.D
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Lab File ID: 1118_01.D BFB Injection Date: 11/18/21

Instrument ID: CHEM24 BFB Injection Time: 07:23 ⊙

GC Column: RTX-VMS Heated Purge: (Y/N) Y

AutoFind: Scans 1619, 1620, 1621; Background Corrected with Scan 1611

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	30.9
75	30.0 - 66.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	91.2
175	4.0 - 9.0% of mass 174	8.2 (7.5)1
176	93.0 - 101.0% of mass 174	97.0 (88.5)1
177	5.0 - 9.0% of mass 176	6.5 (5.8)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb ccal	1118_01.D	11/18/21	07:23	
02	CJ80506 LCS	CJ80506 LCS	1118_03.D	11/18/21	08:33	
03	CJ80506 BLANK	CJ80506 BLANK	1118_07.D	11/18/21	10:10	
04	CJ80506 QC	CJ80506 QC	1118_09.D	11/18/21	11:17	⊙
05	80506 dup	CJ80506 DUP	1118_10.D	11/18/21	11:53	
06	CJ80506 QC 10X	CJ80506 QC 10X	1118_11.D	11/18/21	12:25	⊙
07	SV-13 30X	CJ80293 30X	1118_20.D	11/18/21	19:51	⊙
08						
09	1,1,1-TCA only					
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

7A
AIR CONTINUING CALIBRATION CHECK

associated with 1,1,1-TCA for sample 80293

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/18/21 Time: 07:23

Lab File Id: 1118_01.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.944	0.922		2.3	30
Dichlorodifluoromethane	2.924	2.756		5.7	30
Chloromethane	1.605	1.610		-0.3	30
1,2-Dichlorotetrafluoroethane	1.854	1.751		5.6	30
Vinyl Chloride	0.984	0.945		4.0	30
1,3-Butadiene	0.864	0.811		6.1	30
Bromomethane	0.931	0.885		4.9	30
Chloroethane	0.412	0.387		6.1	30
Ethanol	0.461	0.668	Not reported.	-44.9 #	30
Acetone	2.482	2.517		-1.4	30
Trichlorofluoromethane	3.214	3.257		-1.3	30
Isopropylalcohol	2.380	2.460		-3.4	30
Acrylonitrile	0.818	0.760		7.1	30
1,1-Dichloroethene	1.944	1.811		6.8	30
Methylene Chloride	1.730	1.995		-15.3	30
Carbon Disulfide	2.578	2.382		7.6	30
Trichlorotrifluoroethane	2.164	2.098		3.0	30
Trans-1,2-Dichloroethene	1.626	1.559		4.1	30
1,1-Dichloroethane	1.807	1.842		-1.9	30
Methyl tert-butyl ether(MTBE)	2.550	1.891		25.8	30
Methyl Ethyl Ketone	2.824	2.648		6.2	30
Cis-1,2-Dichloroethene	1.585	1.446		8.8	30
Hexane	1.580	1.495		5.4	30
Chloroform	2.362	2.302		2.5	30
Ethyl acetate	3.715	3.511		5.5	30
Tetrahydrofuran	0.959	0.864		9.9	30
1,2-Dichloroethane	1.931	1.847		4.4	30
1,1,1-Trichloroethane	2.644	2.497		5.6	30
Benzene	2.492	2.319		6.9	30
Carbon Tetrachloride	3.026	2.938		2.9	30
Cyclohexane	1.691	1.517		10.3	30
1,2-dichloropropane	0.340	0.335		1.5	30
Bromodichloromethane	0.765	0.768		-0.4	30
Trichloroethene	0.408	0.432		-5.9	30
1,4-Dioxane	0.161	0.124		23.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/18/21 Time: 07:23

Lab File Id: 1118_01.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Heptane	0.708	0.713		-0.7	30
cis-1,3-Dichloropropene	0.497	0.495		0.4	30
4-Methyl-2-pentanone(MIBK)	0.988	0.885		10.4	30
trans-1,3-Dichloropropene	0.510	0.494		3.1	30
1,1,2-Trichloroethane	0.353	0.341		3.4	30
Toluene	0.879	0.855		2.7	30
Dibromochloromethane	0.880	0.847		3.8	30
2-Hexanone(MBK)	0.944	0.796		15.7	30
1,2-Dibromoethane(EDB)	0.672	0.666		0.9	30
Tetrachloroethene	0.554	0.547		1.3	30
1,1,1,2-Tetrachloroethane	1.040	0.975		6.3	30
Chlorobenzene	1.491	1.368		8.2	30
Ethylbenzene	2.472	2.236		9.5	30
m,p-Xylene	1.902	1.405		26.1	30
Bromoform	1.718	1.486		13.5	30
Styrene	1.387	1.236		10.9	30
1,1,2,2-Tetrachloroethane	1.398	1.148		17.9	30
o-Xylene	2.282	2.099		8.0	30
Isopropylbenzene	2.650	2.412		9.0	30
4-Ethyltoluene	2.757	2.563		7.0	30
1,3,5-Trimethylbenzene	2.305	2.165		6.1	30
1,2,4-Trimethylbenzene	2.300	2.246		2.3	30
Benzyl chloride	1.845	1.839		0.3	30
1,3-Dichlorobenzene	1.537	1.412		8.1	30
1,4-Dichlorobenzene	1.488	1.384		7.0	30
sec-Butylbenzene	3.210	2.996		6.7	30
4-Isopropyltoluene	2.674	2.446		8.5	30
1,2-Dichlorobenzene	1.220	1.153		5.5	30
n-Butylbenzene	2.219	2.135		3.8	30
1,2,4-Trichlorobenzene	0.642	0.648		-0.9	30
Hexachlorobutadiene	0.792	0.806		-1.8	30
1,2-Dichlorotetrafluoroethane(sim)	1.773	1.736		2.1	30
Vinyl Chloride(sim)	0.995	1.001		-0.6	30
Bromomethane(sim)	0.999	0.878		12.1	30
Trichlorofluoromethane(sim)	3.157	3.373		-6.8	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288

Instrument: CHEM24 Calibration Date: 11/18/21 Time: 07:23

Lab File Id: 1118_01.D Init. Calib. Date(s): 11/15/21 11/15/21

Heated Purge (Y/N): Y Init. Calib. Times: 01:47 08:33

GC Column: RTX-VMS Method File: 24AIR_1114.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,1,1-Trichloroethane(sim)	2.659	2.468		7.2 ^o	30
Benzene(sim)	3.002	2.414		19.6	30
Carbon Tetrachloride(sim)	2.796	2.895		-3.5	30
1,1-Dichloroethene(sim)	1.973	2.014		-2.1	30
Trichlorotrifluoroethane(sim)	2.104	2.073		1.5	30
Trans-1,2-Dichloroethene(sim)	1.660	1.661		-0.1	30
1,1-Dichloroethane(sim)	1.839	1.826		0.7	30
Cis-1,2-Dichloroethene(sim)	1.555	1.598		-2.8	30
Chloroform(sim)	2.288	2.283		0.2	30
1,2-Dichloroethane(sim)	1.910	2.038		-6.7	30
1,2-dichloropropane(sim)	0.344	0.355		-3.2	30
Bromodichloromethane(sim)	0.748	0.768		-2.7	30
Trichloroethene(sim)	0.419	0.469		-11.9	30
1,4-Dioxane(sim)	0.166	0.137		17.5	30
cis-1,3-Dichloropropene(sim)	0.490	0.529		-8.0	30
1,1,2-Trichloroethane(sim)	0.344	0.341		0.9	30
Dibromochloromethane(sim)	0.810	0.882		-8.9	30
1,2-Dibromoethane(EDB)(sim)	0.623	0.659		-5.8	30
Tetrachloroethene(sim)	0.559	0.575		-2.9	30
Bromoform(sim)	1.582	1.494		5.6	30
1,1,1,2-Tetrachloroethane(sim)	0.970	0.975		-0.5	30
Ethylbenzene(sim)	2.437	2.515		-3.2	30
m,p-Xylene(sim)	1.920	1.757		8.5	30
o-Xylene(sim)	2.317	2.346		-1.3	30
1,1,2,2-Tetrachloroethane(sim)	1.390	1.133		18.5	30
Benzyl chloride(sim)	1.786	1.984		-11.1	30
1,3-Dichlorobenzene(sim)	1.509	1.412		6.4	30
1,4-Dichlorobenzene(sim)	1.574	1.560		0.9	30
sec-Butylbenzene(sim)	3.185	2.996		5.9	30
4-Isopropyltoluene(sim)	2.798	2.661		4.9	30
1,2-Dichlorobenzene(sim)	1.242	1.152		7.2	30
n-Butylbenzene(sim)	2.322	2.311		0.5	30
1,2,4-Trichlorobenzene(sim)	0.578	0.640		-10.7	30
Hexachlorobutadiene(sim)	0.927	0.888		4.2	30
% Bromofluorobenzene	1.408	1.386		1.6	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / 1118_01.D Date Analyzed: 11/18/21
 Instrument ID: CHEM24 Time Analyzed: 7:23
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	204707	5.09	668768	7.07	362471	10.68			1118_01.D
UPPER LIMIT	287613	5.42	939619	7.40	509272	11.01			1118_01.D
LOWER LIMIT	121801	4.76	397917	6.74	215670	10.35			1118_01.D
CLIENT ID									
01 CCAL 1	204707	5.09	668768	7.07	362471	10.68			1118_01.D
02 CJ80506 LCS	192263	5.10	641265	7.07	347192	10.68			1118_03.D
03 CJ80506 BLANK	167935	5.10	594025	7.07	318660	10.68			1118_07.D
04 CJ80506 QC	163271	5.10	580128	7.07	319506	10.68			1118_09.D
05 80506 dup	168825	5.10	606910	7.07	335899	10.68			1118_10.D
06 CJ80506 QC 10X	181173	5.10	618653	7.07	333762	10.68			1118_11.D
07 SV-13 30X	229023	5.10	783535	7.07	408611	10.68			1118_20.D
08									
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCJ80288
 Lab Method / File Id: 24AIR_1114.M / 1118_01.D Date Analyzed: 11/18/21
 Instrument ID: CHEM24 Time Analyzed: 7:23
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #			LAB FILE ID
REFERENCE STD	206442	5.09	668768	7.07	362471	10.68			1118_01.D
UPPER LIMIT	290051	5.42	939619	7.40	509272	11.01			1118_01.D
LOWER LIMIT	122833	4.76	397917	6.74	215670	10.35			1118_01.D
CLIENT ID									
01 CCAL 1	206442	5.09	668768	7.07	362471	10.68			1118_01.D
02 CJ80506 LCS	192499	5.09	641265	7.07	347192	10.68			1118_03.D
03 CJ80506 BLANK	178084	5.10	594025	7.07	318660	10.68			1118_07.D
04 CJ80506 QC	174139	5.11	580128	7.07	319506	10.68			1118_09.D
05 80506 dup	180807	5.11	606910	7.07	335899	10.68			1118_10.D
06 CJ80506 QC 10X	188104	5.10	618653	7.07	333762	10.68			1118_11.D
07 SV-13 30X	236669	5.11	783535	7.07	408611	10.68			1118_20.D
08									
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
 AREA LOWER LIMIT = - 60% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80080 LCS
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80080 LCS</u>	
Canister:	<u>LCS</u>	Lab File ID:	<u>1118_04.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u>	(cc)		Date Analyzed:
				<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	10.1		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.5		0.202	0.202	r
74-87-3	Chloromethane	10.7		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.2		0.143	0.143	r
75-01-4	Vinyl Chloride	9.91		0.078	0.078	r
106-99-0	1,3-Butadiene	9.55		0.452	0.452	r
74-83-9	Bromomethane	9.42		0.258	0.258	r
75-00-3	Chloroethane	9.63		0.379	0.379	r
64-17-5	Ethanol	4.75		0.531	0.531	r
67-64-1	Acetone	9.85		0.421	0.421	r
75-69-4	Trichlorofluoromethane	10.8		0.178	0.178	r
67-63-0	Isopropylalcohol	7.17		0.407	0.407	r
107-13-1	Acrylonitrile	9.38		0.461	0.461	r
75-35-4	1,1-Dichloroethene	11.2		0.051	0.051	r
75-09-2	Methylene Chloride	8.96		0.863	0.863	r
75-15-0	Carbon Disulfide	9.90		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.4		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.7		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.4		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.6		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.1		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.6		0.051	0.051	r
110-54-3	Hexane	10.9		0.284	0.284	r
67-66-3	Chloroform	10.4		0.205	0.205	r
141-78-6	Ethyl acetate	12.3		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.91		0.339	0.339	r
107-06-2	1,2-Dichloroethane	10.5		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.8		0.183	0.183	r
71-43-2	Benzene	10.5		0.313	0.313	r
56-23-5	Carbon Tetrachloride	11.2		0.032	0.032	r
110-82-7	Cyclohexane	10.7		0.291	0.291	r
78-87-5	1,2-dichloropropane	9.77		0.217	0.217	r
75-27-4	Bromodichloromethane	10.3		0.149	0.149	r
79-01-6	Trichloroethene	10.5		0.037	0.037	r
123-91-1	1,4-Dioxane	8.99		0.278	0.278	r
142-82-5	Heptane	10.1		0.244	0.244	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80080 LCS
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80080 LCS</u>	
Canister:	<u>LCS</u>	Lab File ID:	<u>1118_04.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u>	(cc)	Date Analyzed:	<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
10061-01-5	cis-1,3-Dichloropropene	10.8		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	9.64		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	9.84		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.1		0.183	0.183	r
108-88-3	Toluene	10.7		0.266	0.266	r
124-48-1	Dibromochloromethane	10.7		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	9.40		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.2		0.130	0.130	r
127-18-4	Tetrachloroethene	10.6		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	8.98		0.146	0.146	r
108-90-7	Chlorobenzene	9.38		0.217	0.217	r
100-41-4	Ethylbenzene	10.0		0.230	0.230	r
179601-23-1	m,p-Xylene	21.2		0.230	0.230	r
75-25-2	Bromoform	10.4		0.097	0.097	r
100-42-5	Styrene	10.4		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.16		0.146	0.146	r
95-47-6	o-Xylene	9.97		0.230	0.230	r
98-82-8	Isopropylbenzene	9.74		0.204	0.204	r
622-96-8	4-Ethyltoluene	10.6		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.2		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.4		0.204	0.204	r
100-44-7	Benzyl chloride	10.4		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.8		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	11.0		0.166	0.166	r
135-98-8	sec-Butylbenzene	10.4		0.182	0.182	r
99-87-6	4-Isopropyltoluene	10.4		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	10.1		0.166	0.166	r
104-51-8	n-Butylbenzene	10.6		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	8.33		0.135	0.135	r
87-68-3	Hexachlorobutadiene	8.82		0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80291 LCS
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80291 LCS</u>	
Canister:	<u>LCS</u>	Lab File ID:	<u>1117_04.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u>	(cc)		Date Analyzed:
				<u>11/17/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	10.5		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	11.4		0.202	0.202	r
74-87-3	Chloromethane	11.2		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	11.0		0.143	0.143	r
75-01-4	Vinyl Chloride	10.4		0.078	0.078	r
106-99-0	1,3-Butadiene	10.1		0.452	0.452	r
74-83-9	Bromomethane	10.2		0.258	0.258	r
75-00-3	Chloroethane	10.0		0.379	0.379	r
64-17-5	Ethanol	4.92		0.531	0.531	r
67-64-1	Acetone	9.26		0.421	0.421	r
75-69-4	Trichlorofluoromethane	11.3		0.178	0.178	r
67-63-0	Isopropylalcohol	8.03		0.407	0.407	r
107-13-1	Acrylonitrile	9.20		0.461	0.461	r
75-35-4	1,1-Dichloroethene	10.9		0.051	0.051	r
75-09-2	Methylene Chloride	10.0		0.863	0.863	r
75-15-0	Carbon Disulfide	9.82		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.6		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.2		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.9		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	8.41		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.3		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.5		0.051	0.051	r
110-54-3	Hexane	9.39		0.284	0.284	r
67-66-3	Chloroform	10.1		0.205	0.205	r
141-78-6	Ethyl acetate	11.7		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.70		0.339	0.339	r
107-06-2	1,2-Dichloroethane	11.1		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.6		0.183	0.183	r
71-43-2	Benzene	10.2		0.313	0.313	r
56-23-5	Carbon Tetrachloride	11.2		0.032	0.032	r
110-82-7	Cyclohexane	9.89		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.5		0.217	0.217	r
75-27-4	Bromodichloromethane	11.0		0.149	0.149	r
79-01-6	Trichloroethene	11.2		0.037	0.037	r
123-91-1	1,4-Dioxane	9.24		0.278	0.278	r
142-82-5	Heptane	10.6		0.244	0.244	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80291 LCS</u>
Canister:	<u>LCS</u>	Lab File ID:	<u>1117_04.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
		Date Received:	<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
10061-01-5	cis-1,3-Dichloropropene	10.8		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	11.1		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.6		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.7		0.183	0.183	r
108-88-3	Toluene	10.7		0.266	0.266	r
124-48-1	Dibromochloromethane	11.3		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	10.8		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.6		0.130	0.130	r
127-18-4	Tetrachloroethene	10.6		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	10.4		0.146	0.146	r
108-90-7	Chlorobenzene	10.2		0.217	0.217	r
100-41-4	Ethylbenzene	10.2		0.230	0.230	r
179601-23-1	m,p-Xylene	21.5		0.230	0.230	r
75-25-2	Bromoform	11.5		0.097	0.097	r
100-42-5	Styrene	10.5		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.38		0.146	0.146	r
95-47-6	o-Xylene	11.0		0.230	0.230	r
98-82-8	Isopropylbenzene	10.3		0.204	0.204	r
622-96-8	4-Ethyltoluene	10.7		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.8		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.9		0.204	0.204	r
100-44-7	Benzyl chloride	9.40		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.8		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	10.7		0.166	0.166	r
135-98-8	sec-Butylbenzene	10.6		0.182	0.182	r
99-87-6	4-Isopropyltoluene	10.6		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	11.1		0.166	0.166	r
104-51-8	n-Butylbenzene	11.0		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	9.96		0.135	0.135	r
87-68-3	Hexachlorobutadiene	10.5		0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80506 LCS
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80506 LCS</u>	
Canister:	<u>LCS</u>	Lab File ID:	<u>1118_03.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u>	(cc)	Date Analyzed:	<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	10.5		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	11.4		0.202	0.202	r
74-87-3	Chloromethane	11.0		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	11.0		0.143	0.143	r
75-01-4	Vinyl Chloride	10.6		0.078	0.078	r
106-99-0	1,3-Butadiene	9.97		0.452	0.452	r
74-83-9	Bromomethane	10.2		0.258	0.258	r
75-00-3	Chloroethane	10.0		0.379	0.379	r
64-17-5	Ethanol	4.92		0.531	0.531	r
67-64-1	Acetone	9.13		0.421	0.421	r
75-69-4	Trichlorofluoromethane	11.2		0.178	0.178	r
67-63-0	Isopropylalcohol	7.87		0.407	0.407	r
107-13-1	Acrylonitrile	9.15		0.461	0.461	r
75-35-4	1,1-Dichloroethene	10.9		0.051	0.051	r
75-09-2	Methylene Chloride	9.92		0.863	0.863	r
75-15-0	Carbon Disulfide	9.77		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.5		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.4		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.9		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.1		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.1		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.5		0.051	0.051	r
110-54-3	Hexane	9.36		0.284	0.284	r
67-66-3	Chloroform	10.1		0.205	0.205	r
141-78-6	Ethyl acetate	11.8		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.53		0.339	0.339	r
107-06-2	1,2-Dichloroethane	11.2		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.6		0.183	0.183	r
71-43-2	Benzene	9.59		0.313	0.313	r
56-23-5	Carbon Tetrachloride	10.9		0.032	0.032	r
110-82-7	Cyclohexane	9.87		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.4		0.217	0.217	r
75-27-4	Bromodichloromethane	10.9		0.149	0.149	r
79-01-6	Trichloroethene	11.4		0.037	0.037	r
123-91-1	1,4-Dioxane	9.12		0.278	0.278	r
142-82-5	Heptane	10.9		0.244	0.244	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80506 LCS</u>
Canister:	<u>LCS</u>	Lab File ID:	<u>1118_03.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
		Date Received:	<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
10061-01-5	cis-1,3-Dichloropropene	11.0		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	11.1		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.7		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.6		0.183	0.183	r
108-88-3	Toluene	10.9		0.266	0.266	r
124-48-1	Dibromochloromethane	11.1		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	10.7		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.6		0.130	0.130	r
127-18-4	Tetrachloroethene	10.6		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	10.2		0.146	0.146	r
108-90-7	Chlorobenzene	10.1		0.217	0.217	r
100-41-4	Ethylbenzene	10.2		0.230	0.230	r
179601-23-1	m,p-Xylene	21.1		0.230	0.230	r
75-25-2	Bromoform	11.2		0.097	0.097	r
100-42-5	Styrene	10.4		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.14		0.146	0.146	r
95-47-6	o-Xylene	11.0		0.230	0.230	r
98-82-8	Isopropylbenzene	10.2		0.204	0.204	r
622-96-8	4-Ethyltoluene	10.5		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.7		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.6		0.204	0.204	r
100-44-7	Benzyl chloride	9.08		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.5		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	10.4		0.166	0.166	r
135-98-8	sec-Butylbenzene	10.3		0.182	0.182	r
99-87-6	4-Isopropyltoluene	10.3		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	10.5		0.166	0.166	r
104-51-8	n-Butylbenzene	10.4		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	9.44		0.135	0.135	r
87-68-3	Hexachlorobutadiene	9.95		0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: GZA-NY Lab: Phoenix Env. Labs

SDG No.: G CJ80288 Lab Sample ID: CJ80080

Canister: 365 Lab File ID: 1118_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 11/17/21

Purge Volume 200 (cc) Date Analyzed: 11/18/21

Matrix: AIR Dilution Factor: 1

CJ80080 QC

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.500	U	0.500	0.500	r
75-71-8	Dichlorodifluoromethane	51.7		0.202	0.202	
74-87-3	Chloromethane	0.500	U	0.500	0.500	r
106-99-0	1,3-Butadiene	0.500	U	0.500	0.500	r
75-00-3	Chloroethane	0.500	U	0.500	0.500	r
64-17-5	Ethanol	3.39	S	0.750	0.750	r
67-64-1	Acetone	32.3	S	0.750	0.750	r
75-69-4	Trichlorofluoromethane	4.30		0.500	0.500	r
67-63-0	Isopropylalcohol	0.823	S	0.750	0.750	r
107-13-1	Acrylonitrile	0.500	U	0.500	0.500	r
75-09-2	Methylene Chloride	3.00	U	3.00	3.00	r
75-15-0	Carbon Disulfide	1.02		0.500	0.500	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.500	U	0.500	0.500	r
78-93-3	Methyl Ethyl Ketone	1.58		0.450	0.450	r
110-54-3	Hexane	0.450	U	0.450	0.450	r
141-78-6	Ethyl acetate	0.500	U	0.500	0.500	r
109-99-9	Tetrahydrofuran	0.500	U	0.500	0.500	r
71-55-6	1,1,1-Trichloroethane	1.48		0.500	0.500	r
71-43-2	Benzene	1.24		0.200	0.200	r
110-82-7	Cyclohexane	0.746		0.500	0.500	r
79-01-6	Trichloroethene	0.311		0.050	0.050	r
142-82-5	Heptane	0.500	U	0.500	0.500	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.500	U	0.500	0.500	r
10061-02-6	trans-1,3-Dichloropropene	0.500	U	0.500	0.500	r
108-88-3	Toluene	0.897		0.500	0.500	r
591-78-6	2-Hexanone(MBK)	0.500	U	0.500	0.500	r
127-18-4	Tetrachloroethene	0.694		0.100	0.100	r
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U	0.500	0.500	r
108-90-7	Chlorobenzene	0.200	U	0.200	0.200	r
100-41-4	Ethylbenzene	0.500	U	0.500	0.500	r
179601-23-1	m,p-Xylene	1.00	U	1.00	1.00	r
100-42-5	Styrene	0.200	U	0.200	0.200	r
95-47-6	o-Xylene	0.500	U	0.500	0.500	r
98-82-8	Isopropylbenzene	0.500	U	0.500	0.500	r
622-96-8	4-Ethyltoluene	0.500	U	0.500	0.500	r
108-67-8	1,3,5-Trimethylbenzene	0.500	U	0.500	0.500	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80080 QC
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80080</u>	
Canister:	<u>365</u>	Lab File ID:	<u>1118_09.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u>	(cc)	Date Analyzed:	<u>11/18/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.500	U	0.500	0.500	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.500	U	0.500	0.500	r
75-01-4	Vinyl Chloride(sim)	0.100	U	0.100	0.100	r
74-83-9	Bromomethane(sim)	0.140	U	0.140	0.140	r
107-06-2	1,2-Dichloroethane(sim)	0.020	U	0.020	0.020	r
56-23-5	Carbon Tetrachloride(sim)	0.086	U	0.086	0.086	r
75-35-4	1,1-Dichloroethene(sim)	0.200	U	0.200	0.200	r
76-13-1	Trichlorotrifluoroethane(sim)	0.500	U	0.500	0.500	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
75-34-3	1,1-Dichloroethane(sim)	0.150	U	0.150	0.150	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
78-87-5	1,2-dichloropropane(sim)	0.020	U	0.020	0.020	r
75-27-4	Bromodichloromethane(sim)	0.081		0.020	0.020	r
123-91-1	1,4-Dioxane(sim)	0.130	U	0.130	0.130	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.100	U	0.100	0.100	r
79-00-5	1,1,2-Trichloroethane(sim)	0.020	U	0.020	0.020	r
124-48-1	Dibromochloromethane(sim)	0.020	U	0.020	0.020	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.020	U	0.020	0.020	r
75-25-2	Bromoform(sim)	0.150	U	0.150	0.150	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.020	U	0.020	0.020	r
100-44-7	Benzyl chloride(sim)	0.500	U	0.500	0.500	r
541-73-1	1,3-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
106-46-7	1,4-Dichlorobenzene(sim)	0.080	U	0.080	0.080	r
135-98-8	sec-Butylbenzene(sim)	0.500	U	0.500	0.500	r
99-87-6	4-Isopropyltoluene(sim)	0.500	U	0.500	0.500	r
95-50-1	1,2-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
104-51-8	n-Butylbenzene(sim)	0.500	U	0.500	0.500	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.054	U	0.054	0.054	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80506 QC
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80506</u>	
Canister:	<u>23336</u>	Lab File ID:	<u>1118_09.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/18/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.70		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.522		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	21.6	S	0.531	0.531	r
67-64-1	Acetone	293	ES	0.421	0.421	
75-69-4	Trichlorofluoromethane	0.281		0.178	0.178	r
67-63-0	Isopropylalcohol	6.97	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	1.19	S	0.864	0.864	r
75-15-0	Carbon Disulfide	1.15		0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.4		0.339	0.339	r
110-54-3	Hexane	0.681	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	2.34		0.339	0.339	r
71-55-6	1,1,1-Trichloroethane	0.264		0.183	0.183	r
71-43-2	Benzene	0.848		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.501		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	4.65		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	1.49		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	1.44		0.037	0.037	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	1.68		0.230	0.230	r
179601-23-1	m,p-Xylene	8.84		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	3.11		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.07		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.415		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.58		0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	CJ80506 QC
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80506</u>	
Canister:	<u>23336</u>	Lab File ID:	<u>1118_09.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/18/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
56-23-5	Carbon Tetrachloride(sim)	0.067		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
79-34-5	1,1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	80080 dup
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80080 DUP</u>	
Canister:	<u>365</u>	Lab File ID:	<u>1118_10.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/18/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.500	U	0.500	0.500	r
75-71-8	Dichlorodifluoromethane	53.1		0.500	0.500	r
74-87-3	Chloromethane	0.500	U	0.500	0.500	r
106-99-0	1,3-Butadiene	0.500	U	0.500	0.500	r
75-00-3	Chloroethane	0.500	U	0.500	0.500	r
64-17-5	Ethanol	3.03	S	0.750	0.750	r
67-64-1	Acetone	32.9	S	0.750	0.750	r
75-69-4	Trichlorofluoromethane	4.38		0.500	0.500	r
67-63-0	Isopropylalcohol	0.894	S	0.750	0.750	r
107-13-1	Acrylonitrile	0.500	U	0.500	0.500	r
75-09-2	Methylene Chloride	3.00	U	3.00	3.00	r
75-15-0	Carbon Disulfide	1.01		0.500	0.500	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.500	U	0.500	0.500	r
78-93-3	Methyl Ethyl Ketone	1.62		0.450	0.450	r
110-54-3	Hexane	0.450	U	0.450	0.450	r
141-78-6	Ethyl acetate	0.500	U	0.500	0.500	r
109-99-9	Tetrahydrofuran	0.500	U	0.500	0.500	r
71-55-6	1,1,1-Trichloroethane	1.44		0.500	0.500	r
71-43-2	Benzene	1.26		0.200	0.200	r
110-82-7	Cyclohexane	0.777		0.500	0.500	r
79-01-6	Trichloroethene	0.322		0.050	0.050	r
142-82-5	Heptane	0.500	U	0.500	0.500	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.500	U	0.500	0.500	r
10061-02-6	trans-1,3-Dichloropropene	0.500	U	0.500	0.500	r
108-88-3	Toluene	0.894		0.500	0.500	r
591-78-6	2-Hexanone(MBK)	0.500	U	0.500	0.500	r
127-18-4	Tetrachloroethene	0.707		0.100	0.100	r
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U	0.500	0.500	r
108-90-7	Chlorobenzene	0.200	U	0.200	0.200	r
100-41-4	Ethylbenzene	0.500	U	0.500	0.500	r
179601-23-1	m,p-Xylene	1.00	U	1.00	1.00	r
100-42-5	Styrene	0.200	U	0.200	0.200	r
95-47-6	o-Xylene	0.500	U	0.500	0.500	r
98-82-8	Isopropylbenzene	0.500	U	0.500	0.500	r
622-96-8	4-Ethyltoluene	0.500	U	0.500	0.500	r
108-67-8	1,3,5-Trimethylbenzene	0.500	U	0.500	0.500	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80080 DUP</u>
Canister:	<u>365</u>	Lab File ID:	<u>1118_10.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/18/21</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.500	U	0.500	0.500	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.500	U	0.500	0.500	r
75-01-4	Vinyl Chloride(sim)	0.100	U	0.100	0.100	r
74-83-9	Bromomethane(sim)	0.140	U	0.140	0.140	r
107-06-2	1,2-Dichloroethane(sim)	0.020	U	0.020	0.020	r
56-23-5	Carbon Tetrachloride(sim)	0.086	U	0.086	0.086	r
75-35-4	1,1-Dichloroethene(sim)	0.200	U	0.200	0.200	r
76-13-1	Trichlorotrifluoroethane(sim)	0.500	U	0.500	0.500	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
75-34-3	1,1-Dichloroethane(sim)	0.150	U	0.150	0.150	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.200	U	0.200	0.200	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
78-87-5	1,2-dichloropropane(sim)	0.020	U	0.020	0.020	r
75-27-4	Bromodichloromethane(sim)	0.075		0.020	0.020	r
123-91-1	1,4-Dioxane(sim)	0.130	U	0.130	0.130	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.100	U	0.100	0.100	r
79-00-5	1,1,2-Trichloroethane(sim)	0.020	U	0.020	0.020	r
124-48-1	Dibromochloromethane(sim)	0.020	U	0.020	0.020	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.020	U	0.020	0.020	r
75-25-2	Bromoform(sim)	0.150	U	0.150	0.150	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.020	U	0.020	0.020	r
100-44-7	Benzyl chloride(sim)	0.500	U	0.500	0.500	r
541-73-1	1,3-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
106-46-7	1,4-Dichlorobenzene(sim)	0.080	U	0.080	0.080	r
135-98-8	sec-Butylbenzene(sim)	0.500	U	0.500	0.500	r
99-87-6	4-Isopropyltoluene(sim)	0.500	U	0.500	0.500	r
95-50-1	1,2-Dichlorobenzene(sim)	0.100	U	0.100	0.100	r
104-51-8	n-Butylbenzene(sim)	0.500	U	0.500	0.500	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.054	U	0.054	0.054	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	AA-CB DUP
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80291 DUP</u>	
Canister:	<u>19924</u>	Lab File ID:	<u>1117_09.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.535		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	11.5	S	0.531	0.531	r
67-64-1	Acetone	20.7	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.246		0.178	0.178	r
67-63-0	Isopropylalcohol	0.961	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	1.28		0.339	0.339	r
110-54-3	Hexane	0.295	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.449		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.372		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.834		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
179601-23-1	m,p-Xylene	0.605		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.210		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.220		0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80291 DUP</u>
Canister:	<u>19924</u>	Lab File ID:	<u>1117_09.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
		Date Received:	<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
56-23-5	Carbon Tetrachloride(sim)	0.091		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.058		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	80506 dup
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80506 DUP</u>	
Canister:	<u>23336</u>	Lab File ID:	<u>1118_10.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/18/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.75		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.530		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	22.9	S	0.531	0.531	r
67-64-1	Acetone	292	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.288		0.178	0.178	r
67-63-0	Isopropylalcohol	6.88	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.864	U	0.864	0.864	r
75-15-0	Carbon Disulfide	1.19		0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.5		0.339	0.339	r
110-54-3	Hexane	0.722	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-55-6	1,1,1-Trichloroethane	0.267		0.183	0.183	r
71-43-2	Benzene	0.841		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.476		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	4.66		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	1.55		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	1.38		0.037	0.037	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	1.66		0.230	0.230	r
179601-23-1	m,p-Xylene	8.67		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	3.08		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.01		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.412		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.54		0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: GZA-NY Lab: Phoenix Env. Labs

SDG No.: G CJ80288 Lab Sample ID: CJ80506 DUP

Canister: 23336 Lab File ID: 1118_10.D

Instrument: CHEM24 Column: RTX-VMS Date Received: 11/17/21

Purge Volume 200 (cc) Date Analyzed: 11/18/21

Matrix: AIR Dilution Factor: 1

80506 dup

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
56-23-5	Carbon Tetrachloride(sim)	0.066		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Batch Canister Certification

October 07, 2022

Batch Id: 2298

QC Canister Id: 784

SDG ID: GCJ80288

Sample Canister Ids: 19924, 23338, 28590

Certification Date: 11/03/21 8:32 AM

Data File: H:\AIR2021\CHEM24\11NOV02\1102_31.D\1102_31-24AIR_1012.rr

Project ID: 586 RIVER AVE

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.146	1,1,1-Trichloroethane	<0.183
1,1,2,2-Tetrachloroethane	<0.146	1,1,2-Trichloroethane	<0.183
1,1-Dichloroethane	<0.247	1,1-Dichloroethene	<0.051
1,2,4-Trichlorobenzene	<0.135	1,2,4-Trimethylbenzene	<0.204
1,2-Dibromoethane(EDB)	<0.130	1,2-Dichlorobenzene	<0.166
1,2-Dichloroethane	<0.247	1,2-dichloropropane	<0.217
1,2-Dichlorotetrafluoroethane	<0.143	1,3,5-Trimethylbenzene	<0.204
1,3-Butadiene	<0.452	1,3-Dichlorobenzene	<0.166
1,4-Dichlorobenzene	<0.166	1,4-Dioxane	<0.278
2-Hexanone(MBK)	<0.244	4-Ethyltoluene	<0.204
4-Isopropyltoluene	<0.182	4-Methyl-2-pentanone(MIBK)	<0.244
Acetone	<0.421	Acrylonitrile	<0.461
Benzene	<0.313	Benzyl chloride	<0.193
Bromodichloromethane	<0.149	Bromoform	<0.097
Bromomethane	<0.258	Carbon Disulfide	<0.321
Carbon Tetrachloride	<0.032	Chlorobenzene	<0.217
Chloroethane	<0.379	Chloroform	<0.205
Chloromethane	<0.485	Cis-1,2-Dichloroethene	<0.051
cis-1,3-Dichloropropene	<0.220	Cyclohexane	<0.291
Dibromochloromethane	<0.117	Dichlorodifluoromethane	<0.202
Ethanol	<0.531	Ethyl acetate	<0.278
Ethylbenzene	<0.230	Heptane	<0.244
Hexachlorobutadiene	<0.094	Hexane	<0.284
Isopropylalcohol	<0.407	Isopropylbenzene	<0.204
m,p-Xylene	<0.230	Methyl Ethyl Ketone	<0.339
Methyl tert-butyl ether(MTBE)	<0.278	Methylene Chloride	<0.863
n-Butylbenzene	<0.182	o-Xylene	<0.230
Propylene	<0.581	sec-Butylbenzene	<0.182
Styrene	<0.235	Tetrachloroethene	<0.037
Tetrahydrofuran	<0.339	Toluene	<0.266
Trans-1,2-Dichloroethene	<0.252	trans-1,3-Dichloropropene	<0.220
Trichloroethene	<0.037	Trichlorofluoromethane	<0.178
Trichlorotrifluoroethane	<0.131	Vinyl Chloride	<0.078

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CANISTER BLK 2298

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CANISTER BLK 2298
Canister:	CANBL	Lab File ID:	1102_31.D
Instrument:	CHEM24	Column:	
Purge Volume	200	(cc)	Date Received:
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.202	U	0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	0.531	U	0.531	0.531	r
67-64-1	Acetone	0.421	U	0.421	0.421	r
67-63-0	Isopropylalcohol	0.407	U	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CANISTER BLK 2298

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CANISTER BLK 2298
Canister:	CANBL	Lab File ID:	1102_31.D
Instrument:	CHEM24	Column:	
Purge Volume	200	(cc)	
Matrix:	AIR	Dilution Factor:	1
Date Received:			
Date Analyzed:	11/03/21		

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
95-47-6	o-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Batch Canister Certification

October 07, 2022

Batch Id: 2299

QC Canister Id: 1158

SDG ID: GCJ80288

Sample Canister Ids: 19969, 21365, 217

Certification Date: 11/09/21 5:54 PM

Data File: H:\AIR2021\CHEM20\11NOV08\1109_08.D\1109_08-20_AIR_1102.rr

Project ID: 586 RIVER AVE

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.146	1,1,1-Trichloroethane	<0.183
1,1,2,2-Tetrachloroethane	<0.146	1,1,2-Trichloroethane	<0.183
1,1-Dichloroethane	<0.247	1,1-Dichloroethene	<0.051
1,2,4-Trichlorobenzene	<0.135	1,2,4-Trimethylbenzene	<0.204
1,2-Dibromoethane(EDB)	<0.130	1,2-Dichlorobenzene	<0.166
1,2-Dichloroethane	<0.247	1,2-dichloropropane	<0.217
1,2-Dichlorotetrafluoroethane	<0.143	1,3,5-Trimethylbenzene	<0.204
1,3-Butadiene	<0.452	1,3-Dichlorobenzene	<0.166
1,4-Dichlorobenzene	<0.166	1,4-Dioxane	<0.278
2-Hexanone(MBK)	<0.244	4-Ethyltoluene	<0.204
4-Isopropyltoluene	<0.182	4-Methyl-2-pentanone(MIBK)	<0.244
Acetone	<0.421	Acrylonitrile	<0.461
Benzene	<0.313	Benzyl chloride	<0.193
Bromodichloromethane	<0.149	Bromoform	<0.097
Bromomethane	<0.258	Carbon Disulfide	<0.321
Carbon Tetrachloride	<0.032	Chlorobenzene	<0.217
Chloroethane	<0.379	Chloroform	<0.205
Chloromethane	<0.485	Cis-1,2-Dichloroethene	<0.051
cis-1,3-Dichloropropene	<0.220	Cyclohexane	<0.291
Dibromochloromethane	<0.117	Dichlorodifluoromethane	<0.202
Ethanol	<0.531	Ethyl acetate	<0.278
Ethylbenzene	<0.230	Heptane	<0.244
Hexachlorobutadiene	<0.094	Hexane	<0.284
Isopropylalcohol	<0.407	Isopropylbenzene	<0.204
m,p-Xylene	<0.230	Methyl Ethyl Ketone	<0.339
Methyl tert-butyl ether(MTBE)	<0.278	Methylene Chloride	<0.863
n-Butylbenzene	<0.182	o-Xylene	<0.230
Propylene	<0.581	sec-Butylbenzene	<0.182
Styrene	<0.235	Tetrachloroethene	<0.037
Tetrahydrofuran	<0.339	Toluene	<0.266
Trans-1,2-Dichloroethene	<0.252	trans-1,3-Dichloropropene	<0.220
Trichloroethene	<0.037	Trichlorofluoromethane	<0.178
Trichlorotrifluoroethane	<0.131	Vinyl Chloride	<0.078

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CANISTER BLK 2299

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CANISTER BLK 2299
Canister:	CANBL	Lab File ID:	1109_08.D
Instrument:	CHEM20	Column:	
Purge Volume	200	(cc)	
Matrix:	AIR	Dilution Factor:	1
Date Received:			
Date Analyzed:	11/09/21		

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.202	U	0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	0.531	U	0.531	0.531	r
67-64-1	Acetone	0.421	U	0.421	0.421	r
67-63-0	Isopropylalcohol	0.407	U	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

CANISTER BLK 2299

Client:	GZA-NY	Lab:	Phoenix Env. Labs
SDG No.:	GCJ80288	Lab Sample ID:	CANISTER BLK 2299
Canister:	CANBL	Lab File ID:	1109_08.D
Instrument:	CHEM20	Column:	
Purge Volume	200	(cc)	
Matrix:	AIR	Dilution Factor:	1
Date Received:			
Date Analyzed:	11/09/21		

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

SV-14

Client: GZA-NY Lab: Phoenix Env. Labs

SDG No.: G CJ80288

Lab Sample ID: CJ80288

Canister: 23338

Lab File ID: 1118_15.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 11/17/21

Purge Volume 200 (cc)

Date Analyzed: 11/18/21

Matrix: AIR

Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	53.2	E	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.966		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	50.4	ES	0.531	0.531	r
67-64-1	Acetone	39.8	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.257		0.178	0.178	r
67-63-0	Isopropylalcohol	1.38	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.864	U	0.864	0.864	r
75-15-0	Carbon Disulfide	3.18		0.321	0.321	r
75-34-3	1,1-Dichloroethane	0.323		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	13.0	S	0.284	0.284	r
67-66-3	Chloroform	1.91		0.205	0.205	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-55-6	1,1,1-Trichloroethane	6.60		0.183	0.183	r
71-43-2	Benzene	2.64		0.313	0.313	r
110-82-7	Cyclohexane	5.56		0.291	0.291	r
142-82-5	Heptane	7.26		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	13.1		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	58.0	E	0.244	0.244	r
127-18-4	Tetrachloroethene	0.884		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	32.3		0.230	0.230	r
179601-23-1	m,p-Xylene	89.3	E	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	24.3		0.230	0.230	r
98-82-8	Isopropylbenzene	0.256		0.204	0.204	r
622-96-8	4-Ethyltoluene	0.907		0.204	0.204	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80288</u>
Canister:	<u>23338</u>	Lab File ID:	<u>1118_15.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/18/21</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
108-67-8	1,3,5-Trimethylbenzene	0.242		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.619		0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
56-23-5	Carbon Tetrachloride(sim)	0.040		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

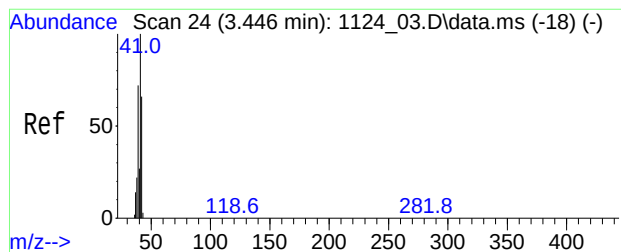
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

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 Data File : 1118_15.D
 Acq On : 18 Nov 2021 3:42 pm
 Operator :
 Client ID : SV-14
 Lab ID : CJ80288
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 19 12:47:31 2021
 Quant Method : H:\AIR2021\CHEM20\Methods\20_AIR_1115.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Tue Nov 16 09:53:16 2021
 Response via : Initial Calibration

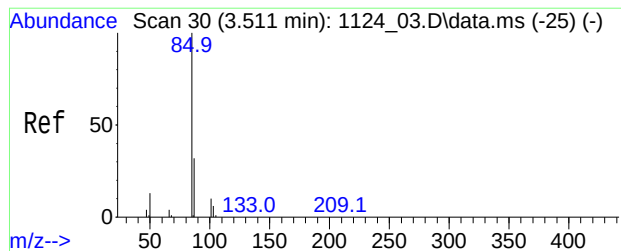
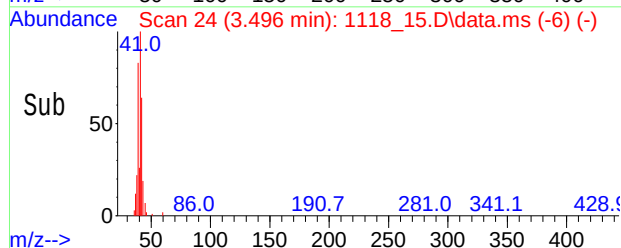
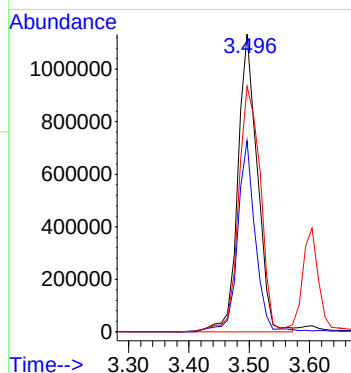
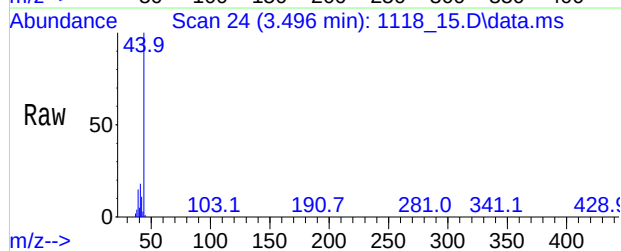
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	6.608	130	524108	10.000	ng	0.01
37) 1,4-Difluorobenzene	7.759	114	2054422	10.000	ng	0.00
54) Chlorobenzene-d5	10.288	82	1018495m	10.000	ng	0.00
81) Bromochloromethane(sim)	6.613	130	582601	10.000	ng	# 0.01
96) 1,4-Difluorobenzene(sim)	7.759	114	2054199	10.000	ng	0.00
106) Chlorobenzene-d5(sim)	10.293	82	1387627m	10.000	ng	0.00
System Monitoring Compounds						
63) % Bromofluorobenzene	11.149	95	1291415	10.610	ppbv	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	106.10%
Target Compounds						
					Qvalue	
2) Propylene	3.496	41	2562821	53.154	ppbv	85
3) Dichlorodifluoromethane	3.550	85	136932	0.966	ppbv	95
11) Ethanol	4.423	45	1088690	50.354	ppbv#	91
12) Acetone	4.725	43	3671369m	39.760	ppbv	41
13) Trichlorofluoromethane	4.790	101	38180	0.257	ppbv	95
14) Isopropylalcohol	4.973	45	146384	1.377	ppbv#	64
16) 1,1-Dichloroethene	5.217	61	4305	0.054	ppbv#	65
20) Carbon Disulfide	5.475	76	396192	3.179	ppbv#	90
23) 1,1-Dichloroethane	6.000	63	25637	0.323	ppbv	99
28) Hexane	6.628	57	902031	12.964	ppbv	95
29) Chloroform	6.691	83	201194	1.912	ppbv	96
33) 1,1,1-Trichloroethane	7.285	97	806721	6.604	ppbv	98
34) Benzene	7.569	78	394860	2.644	ppbv#	86
35) Carbon Tetrachloride	7.647	117	4262	0.031	ppbv#	72
36) Cyclohexane	7.737	41	297244	5.556	ppbv#	66
44) Heptane	8.349	43	821053	7.258	ppbv#	90
49) Toluene	9.275	91	2426780	13.141	ppbv	99
51) 2-Hexanone(MBK)	9.479	43	7395792	58.043	ppbv	100
53) Tetrachloroethene	9.935	166	96640	0.884	ppbv	99
57) Ethylbenzene	10.524	91	8242637	32.322	ppbv	97
58) m,p-Xylene	10.616	91	17212135	89.296	ppbv	90
62) o-Xylene	10.893	91	5156913	24.334	ppbv	94
65) Isopropylbenzene	11.221	105	74361	0.256	ppbv	98
67) 4-Ethyltoluene	11.569	105	258993	0.907	ppbv	97
68) 1,3,5-Trimethylbenzene	11.641	105	60966	0.242	ppbv	99
69) 1,2,4-Trimethylbenzene	11.887	105	156836	0.619	ppbv#	83
85) Trichlorofluoromethane...	4.795	101	40912	0.245	ppbv#	99
87) 1,1,1-Trichloroethane(...	7.290	97	861011	6.292	ppbv#	100
88) Benzene(sim)	7.569	78	394860	2.615	ppbv#	85
89) Carbon Tetrachloride(sim)	7.664	117	5631	0.040	ppbv	93
93) 1,1-Dichloroethane(sim)	6.005	63	25048	0.273	ppbv#	81
95) Chloroform(sim)	6.686	83	209607	1.768	ppbv	96
105) Tetrachloroethene(sim)	9.940	166	110272	0.809	ppbv	99
108) m,p-Xylene(sim)	10.616	91	17266014	56.068	ppbv#	90

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



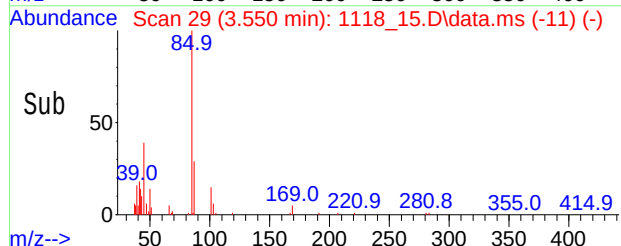
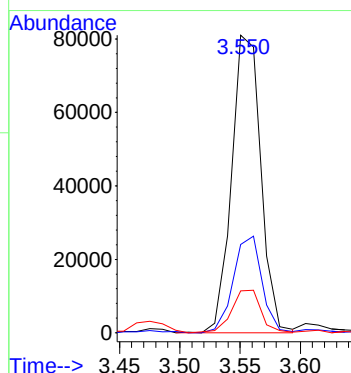
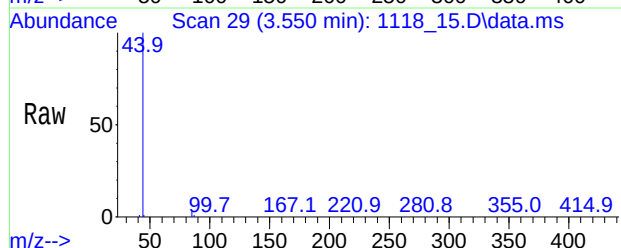
#2
 Propylene
 Conc: 8\$ 53.154 ppbv
 RT: 3.496 min Scan# 24
 Delta R.T. -0.011 min
 Lab File: 1118_15.D
 Acq: 18 Nov 2021 3:42 pm

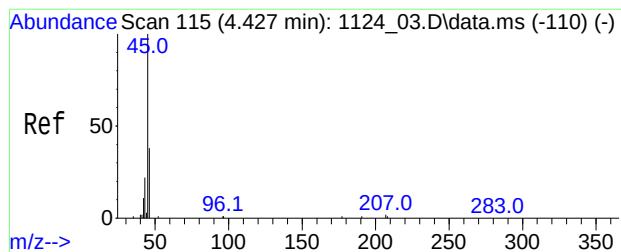
Tgt Ion	Ratio	Lower	Upper
41	100		
42	58.7	55.6	83.4
39	92.1	62.7	94.1



#3
 Dichlorodifluoromethane
 Conc: 8\$ 0.966 ppbv
 RT: 3.550 min Scan# 29
 Delta R.T. -0.011 min
 Lab File: 1118_15.D
 Acq: 18 Nov 2021 3:42 pm

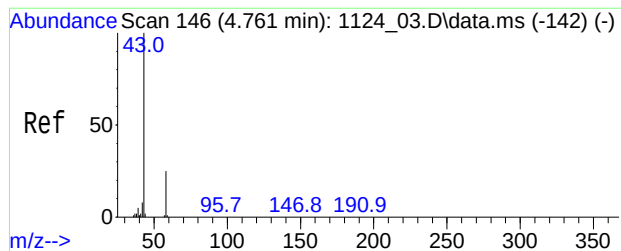
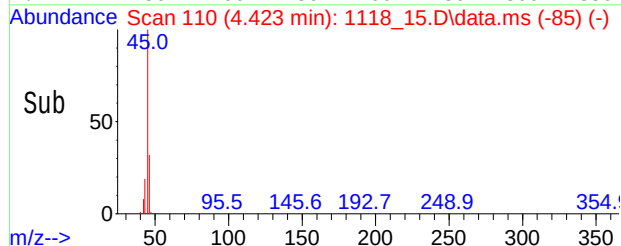
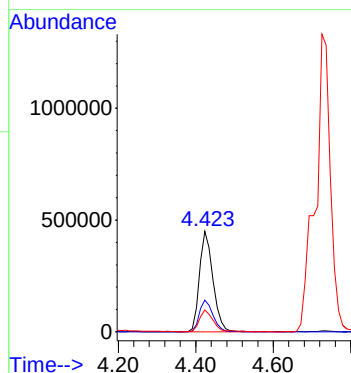
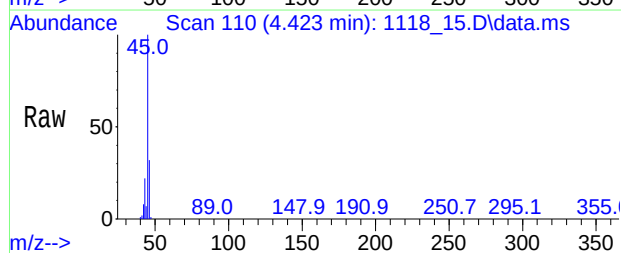
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	22.8	34.2
50	14.5	11.9	17.9





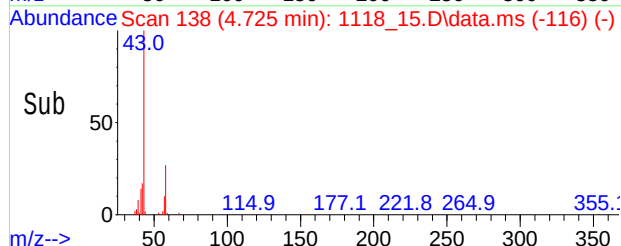
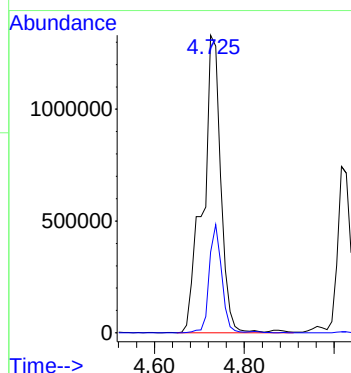
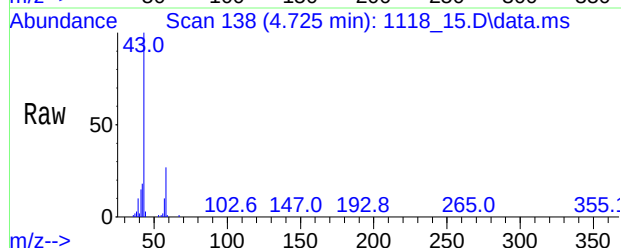
#11
Ethanol
Conc: 8\$ 50.354 ppbv
RT: 4.423 min Scan# 110
Delta R.T. -0.033 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

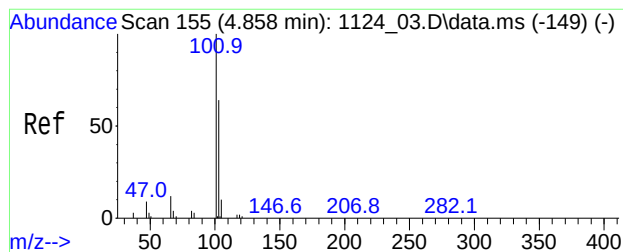
Tgt Ion	Ratio	Lower	Upper
45	100		
46	32.3	26.5	39.7
43	23.0	25.7	38.5#



#12
Acetone
Conc: 8\$ 39.760 ppbv
RT: 4.725 min Scan# 138
Delta R.T. -0.065 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

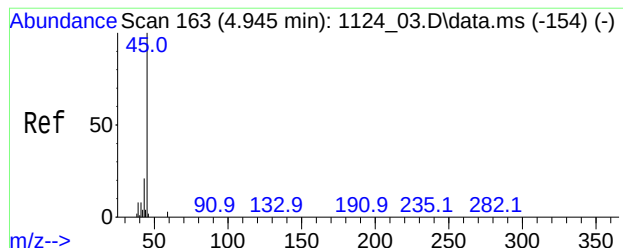
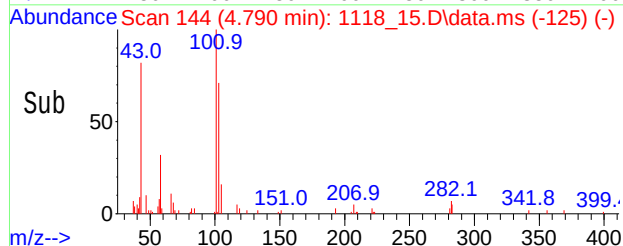
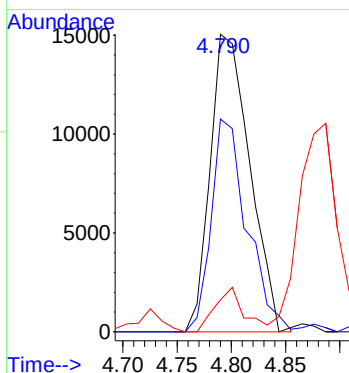
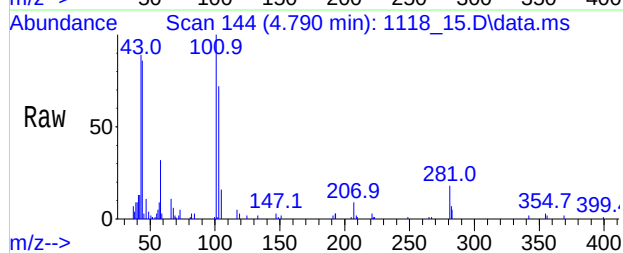
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.3	20.2	30.2#





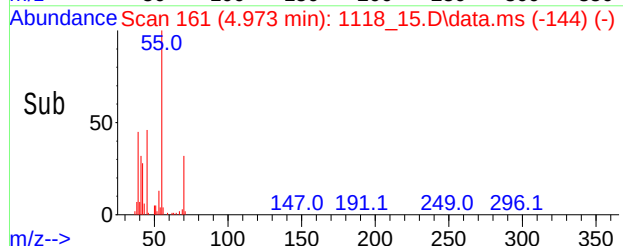
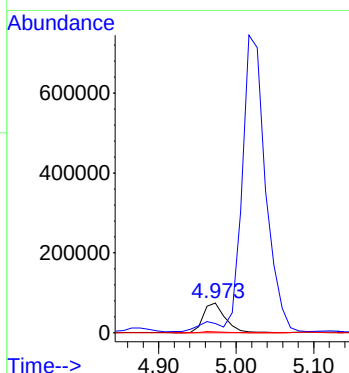
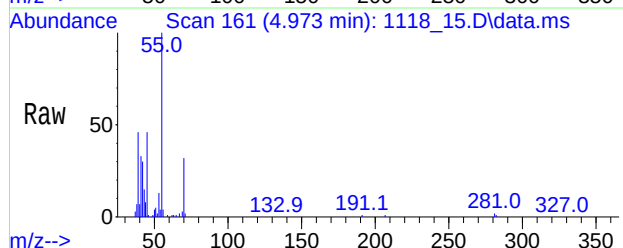
#13
Trichlorofluoromethane
Conc: 8\$ 0.257 ppbv
RT: 4.790 min Scan# 144
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

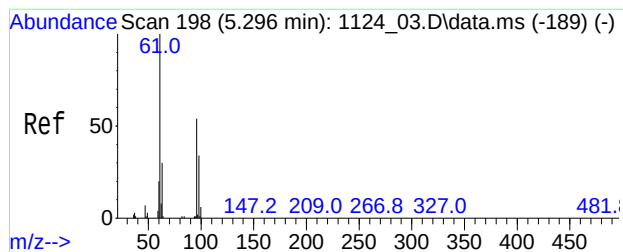
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	38180		
103	64.8	55.5	83.3	
66	11.0	9.7	14.5	



#14
Isopropylalcohol
Conc: 8\$ 1.377 ppbv
RT: 4.973 min Scan# 161
Delta R.T. -0.022 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

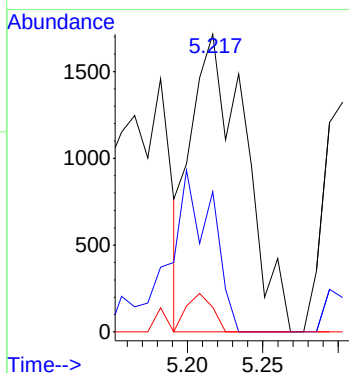
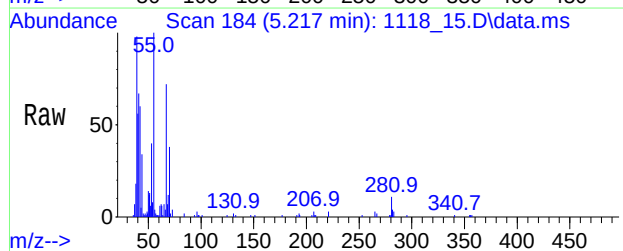
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	146384		
43	0.0	16.4	24.6#	
59	4.3	4.3	6.5	



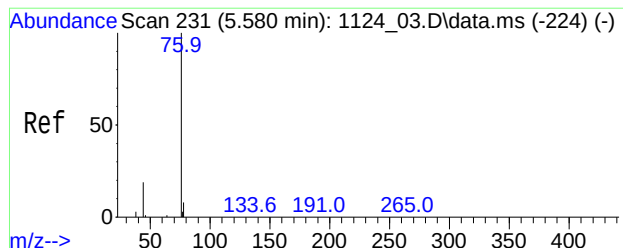
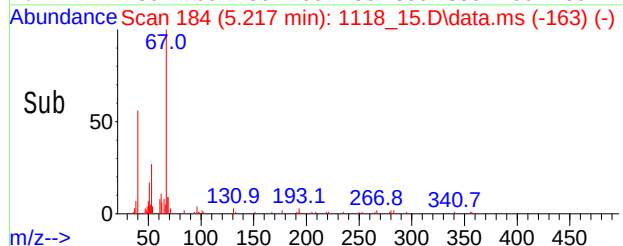


#16
1,1-Dichloroethene
Conc: 8\$ Below Cal
RT: 5.217 min Scan# 184
Delta R.T. 0.017 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Resp	Lower	Upper
61	100	4305		
96	45.5		49.9	74.9#
98	7.9		33.8	50.6#

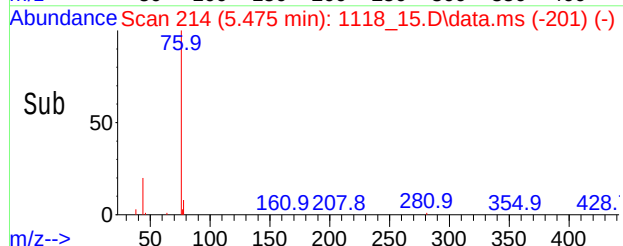
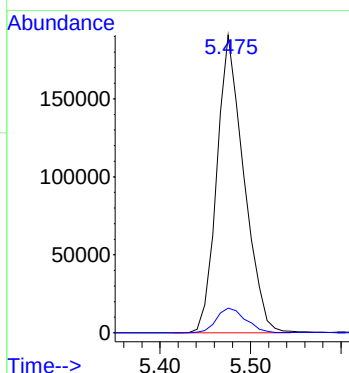
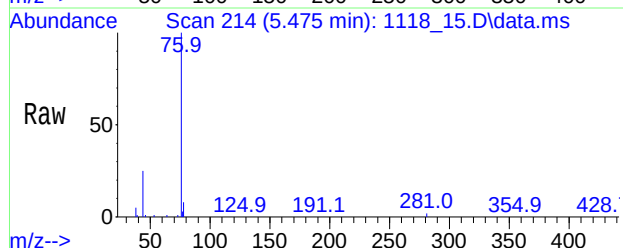


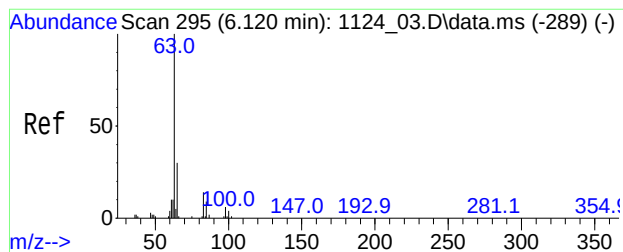
result - ND



#20
Carbon Disulfide
Conc: 8\$ 3.179 ppbv
RT: 5.475 min Scan# 214
Delta R.T. 0.008 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

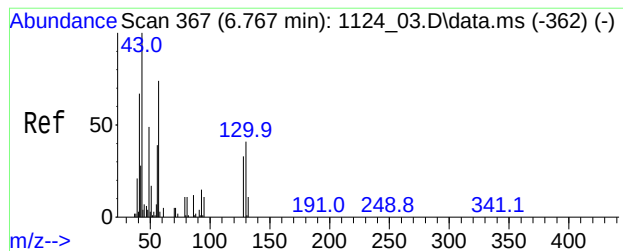
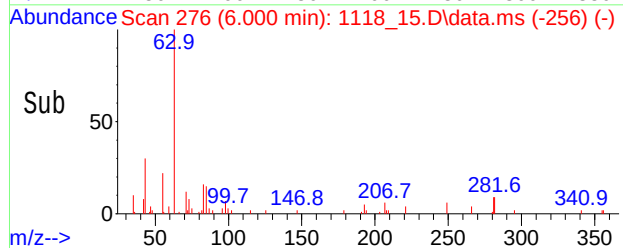
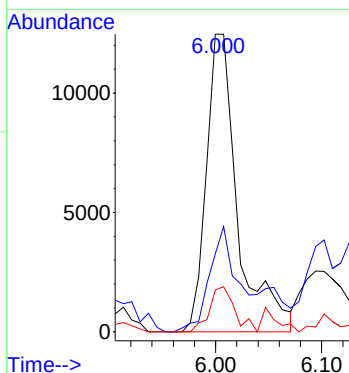
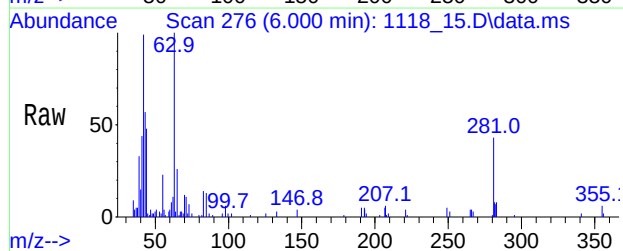
Tgt Ion	Ratio	Resp	Lower	Upper
76	100	396192		
78	9.1		10.3	15.5#





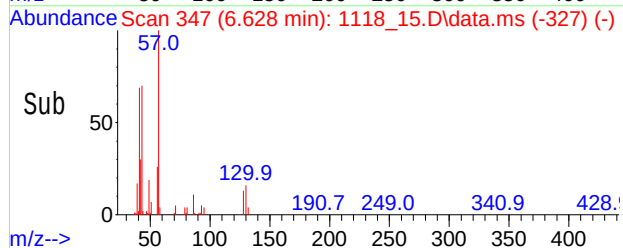
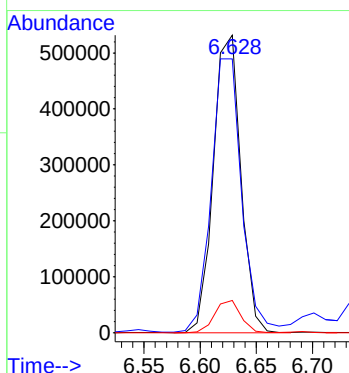
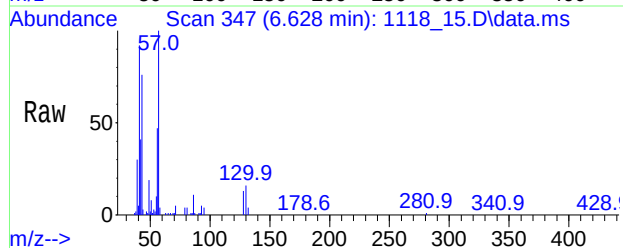
#23
1,1-Dichloroethane
Conc: 8\$ 0.323 ppbv
RT: 6.000 min Scan# 276
Delta R.T. 0.008 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

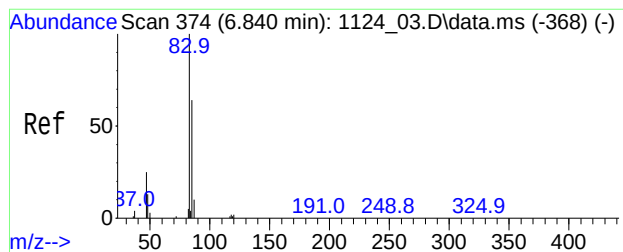
Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.5	13.3	53.3
83	12.1	0.0	33.7



#28
Hexane
Conc: 8\$ 12.964 ppbv
RT: 6.628 min Scan# 347
Delta R.T. 0.020 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

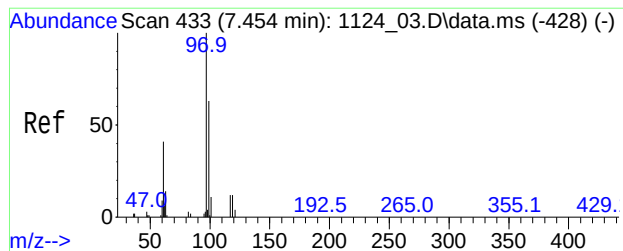
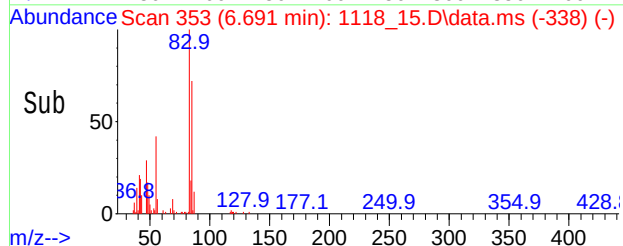
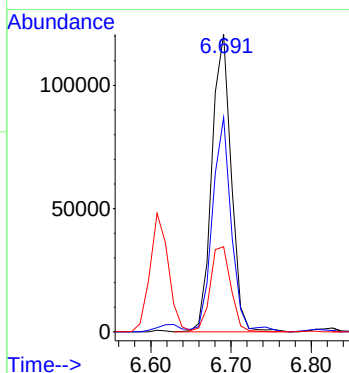
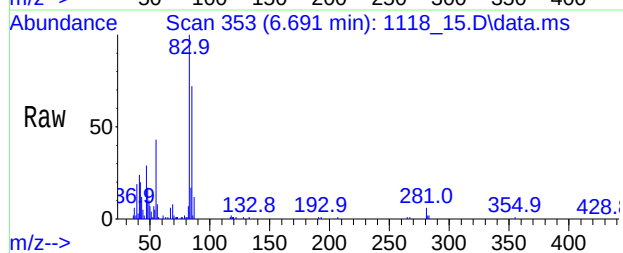
Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.4	85.7	128.5
86	10.5	8.1	12.1





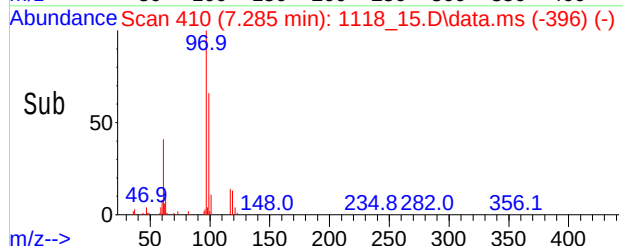
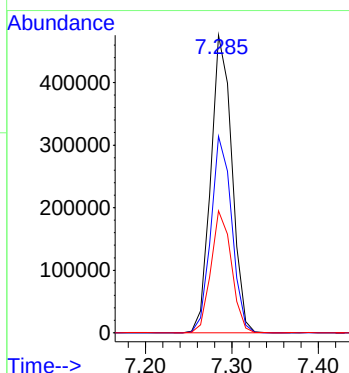
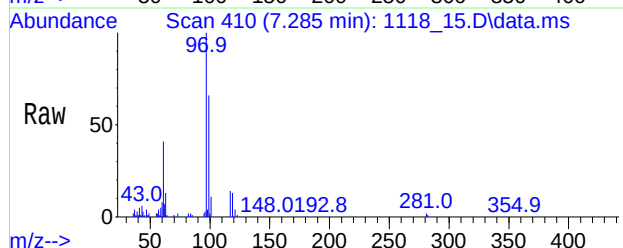
#29
Chloroform
Conc: 8\$ 1.912 ppbv
RT: 6.691 min Scan# 353
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

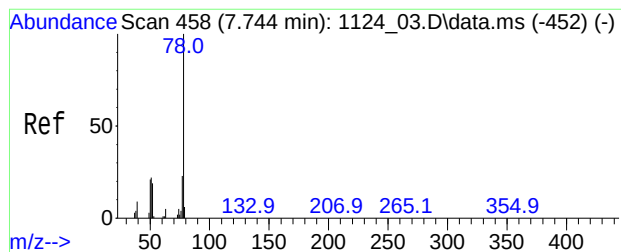
Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.3	50.8	90.8
47	30.6	17.5	57.5



#33
1,1,1-Trichloroethane
Conc: 8\$ 6.604 ppbv
RT: 7.285 min Scan# 410
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

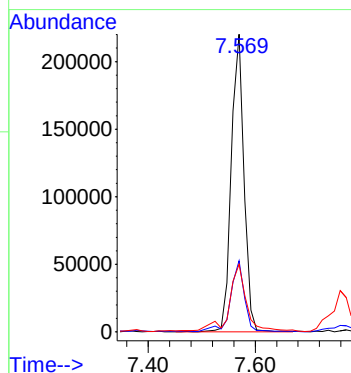
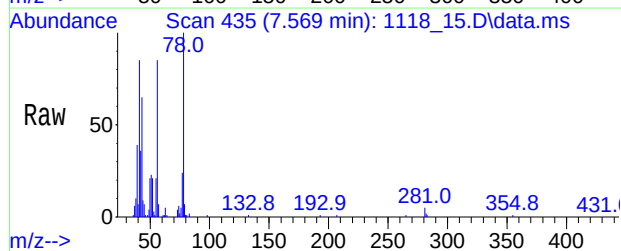
Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.8	79.2
61	39.9	33.3	49.9



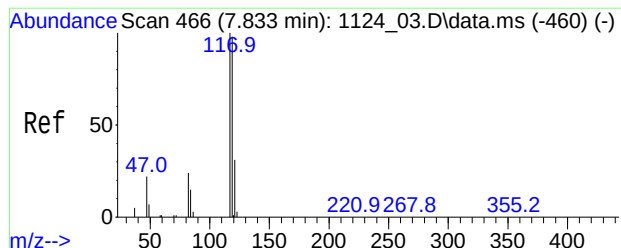
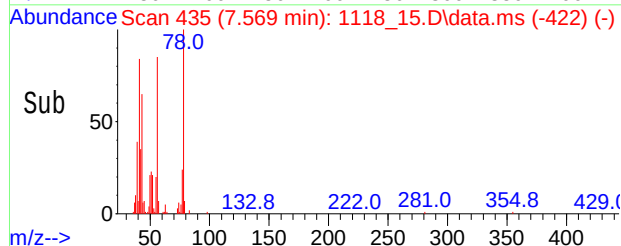


#34
Benzene
Conc: 8\$ 2.644 ppbv
RT: 7.569 min Scan# 435
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	394860		
77	25.6	16.2	24.2#	
51	28.2	16.5	24.7#	

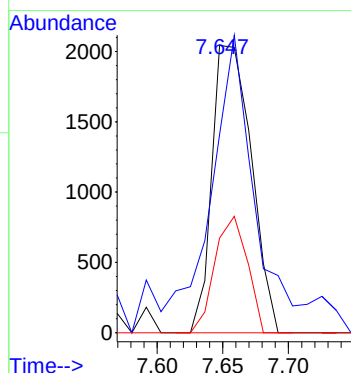
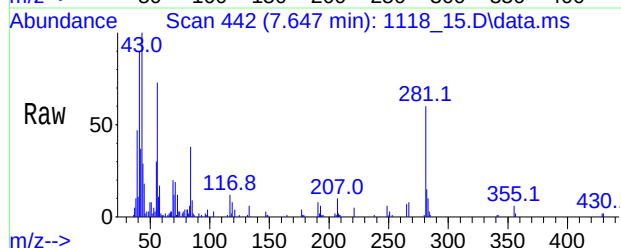


Interference noted in lighter m/z but good id.

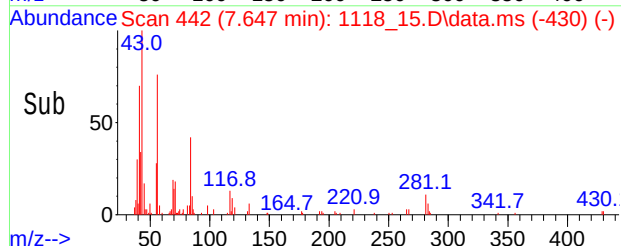


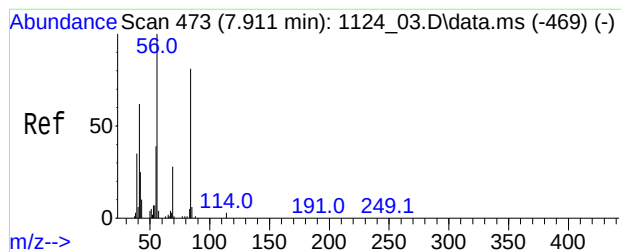
#35
Carbon Tetrachloride
Conc: 8\$ Below Cal
RT: 7.647 min Scan# 442
Delta R.T. -0.001 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	4262		
119	129.4	74.7	114.7#	
121	33.5	11.5	51.5	

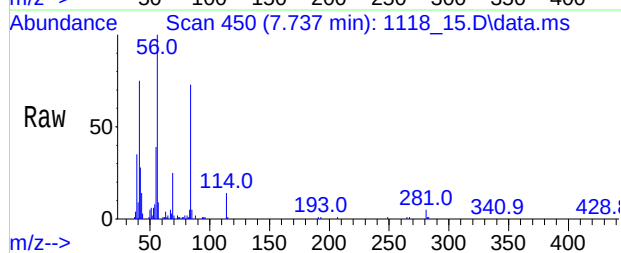


Interference noted in lighter m/z but good id.



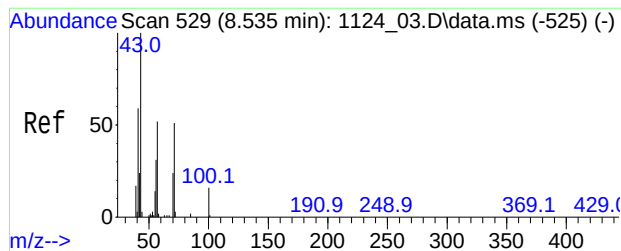
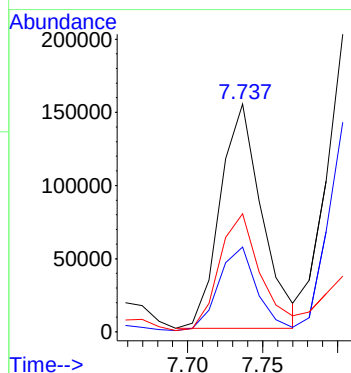
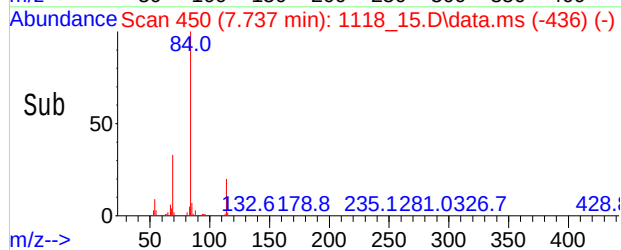


#36
Cyclohexane
Conc: 8\$ 5.556 ppbv
RT: 7.737 min Scan# 450
Delta R.T. 0.011 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

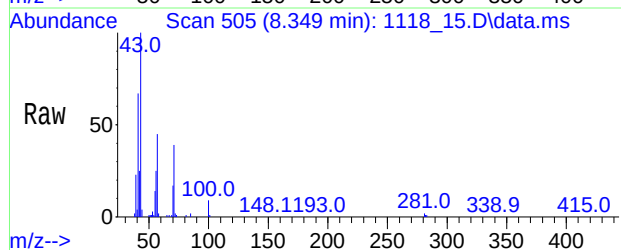


Tgt Ion	Ratio	Lower	Upper
41	100		
42	34.1	37.9	56.9#
55	52.0	73.2	109.8#

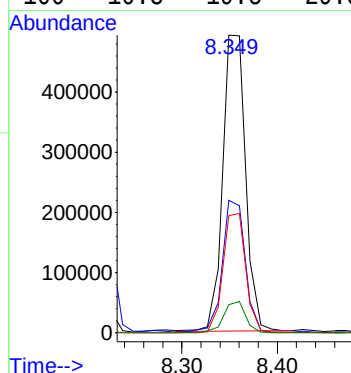
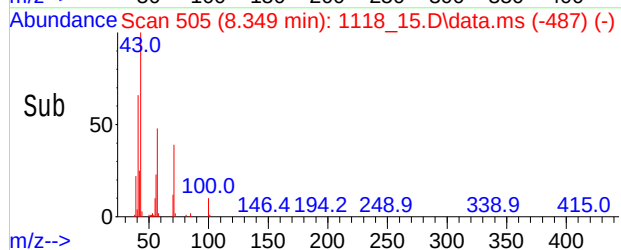
Flag N - subtracted does not resemble the reference.

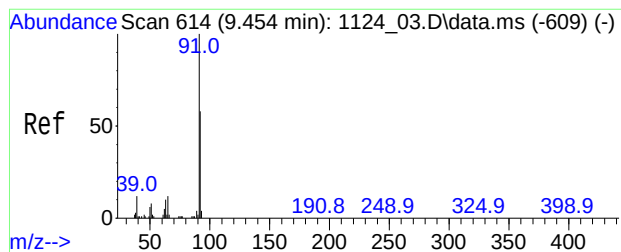


#44
Heptane
Conc: 8\$ 7.258 ppbv
RT: 8.349 min Scan# 505
Delta R.T. 0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm



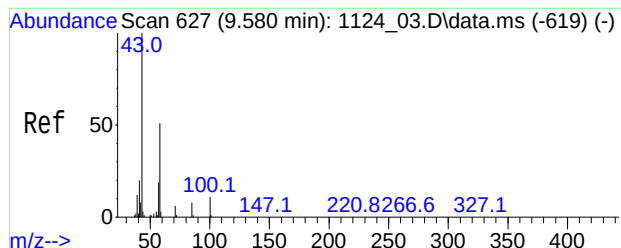
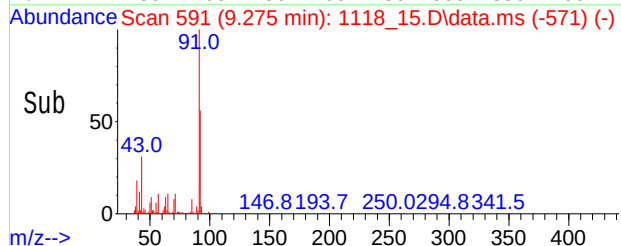
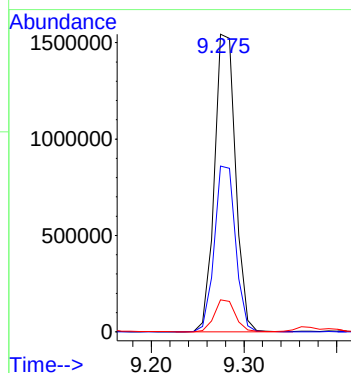
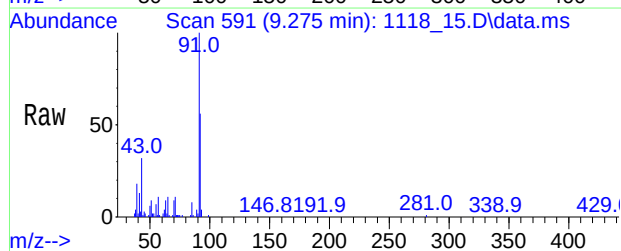
Tgt Ion	Ratio	Lower	Upper
43	100		
57	44.6	37.8	56.8
71	40.2	29.3	43.9
100	10.3	19.5	29.3#





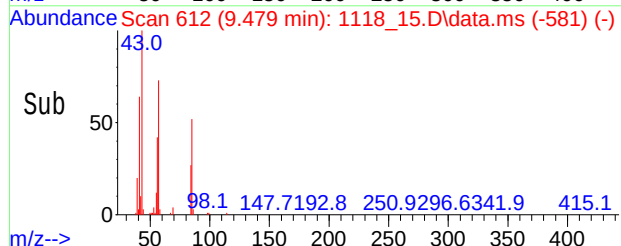
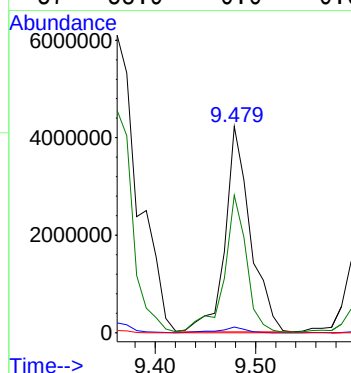
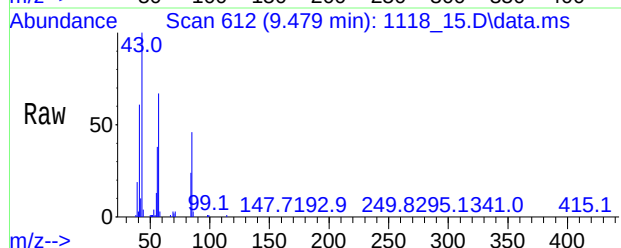
#49
Toluene
Conc: 8\$ 13.141 ppbv
RT: 9.275 min Scan# 591
Delta R.T. -0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	43.9	65.9
65	10.8	8.6	13.0

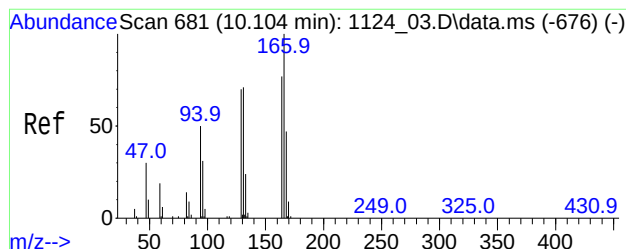


#51
2-Hexanone (MBK)
Conc: 8\$ 58.043 ppbv
RT: 9.479 min Scan# 612
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	3.0	0.0	0.0#
100	0.1	0.0	0.0#
57	58.9	0.0	0.0#

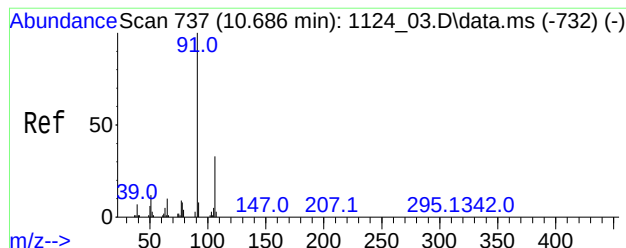
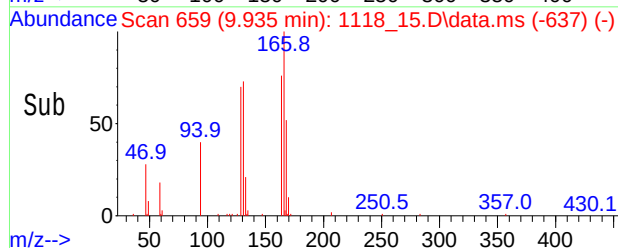
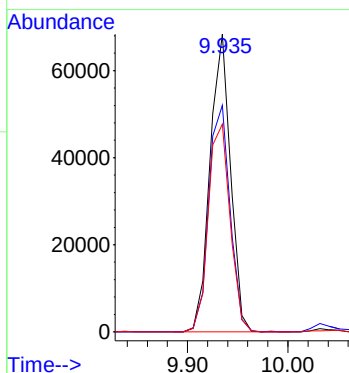
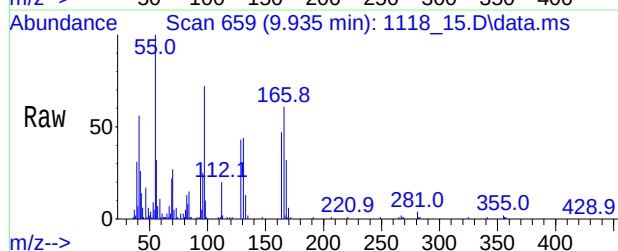


Reported from DF 10



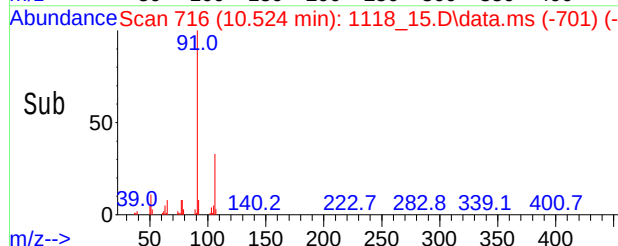
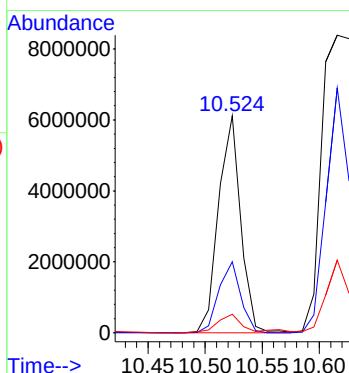
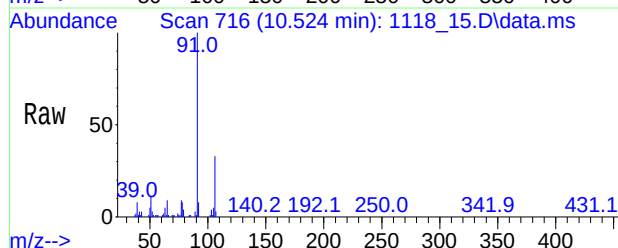
#53
Tetrachloroethene
Conc: 8\$ 0.884 ppbv
RT: 9.935 min Scan# 659
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

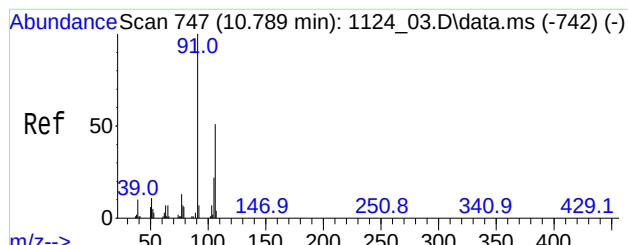
Tgt Ion	Ratio	Lower	Upper
166	100		
164	79.3	62.6	93.8
129	74.4	58.7	88.1



#57
Ethylbenzene
Conc: 8\$ 32.322 ppbv
RT: 10.524 min Scan# 716
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

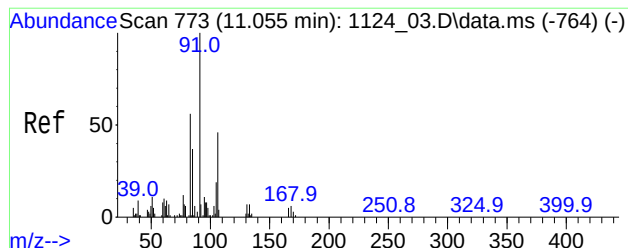
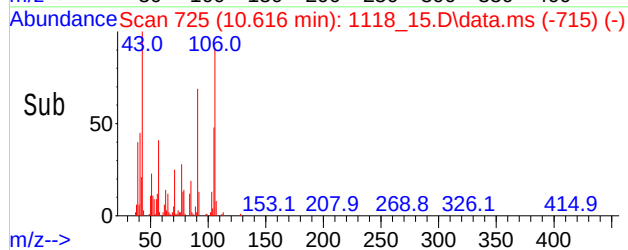
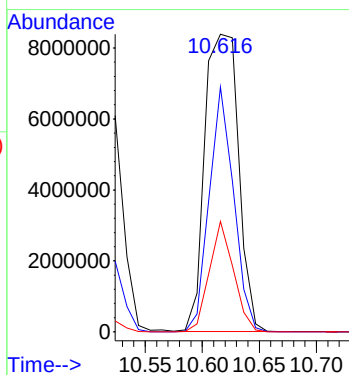
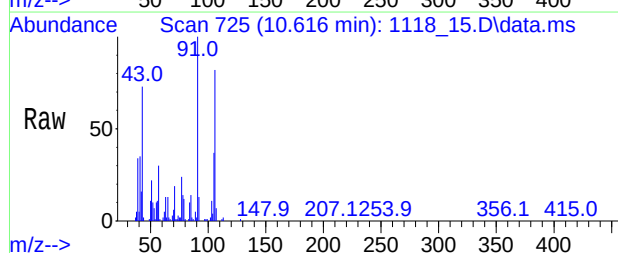
Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	14.4	54.4
77	9.5	0.0	28.6





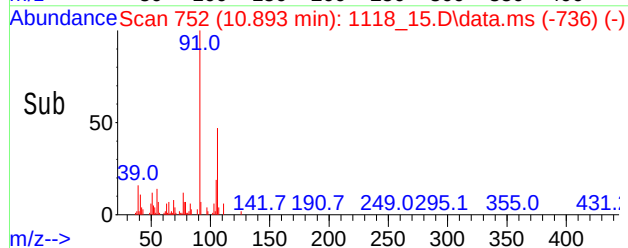
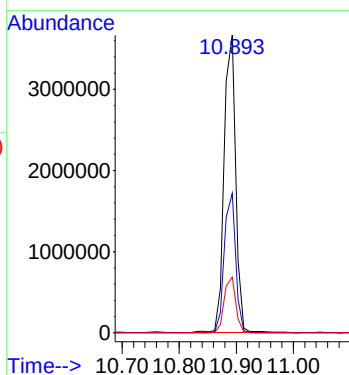
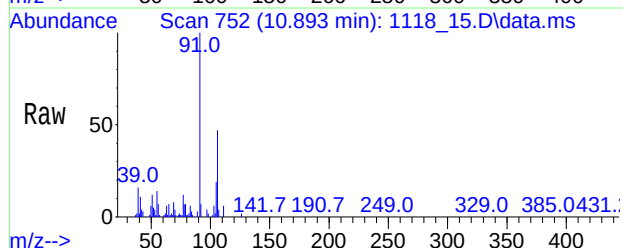
#58
m,p-Xylene
Conc: 8\$ 89.296 ppbv
RT: 10.616 min Scan# 725
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

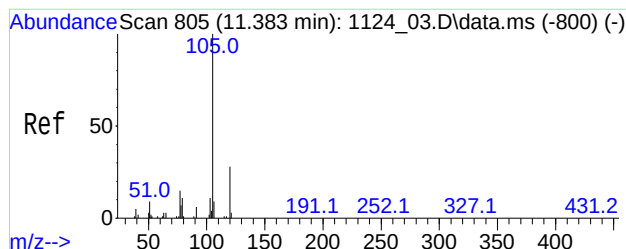
Tgt Ion	Ratio	Lower	Upper
91	100		
106	59.6	41.4	62.0
105	26.6	18.7	28.1



#62
o-Xylene
Conc: 8\$ 24.334 ppbv
RT: 10.893 min Scan# 752
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

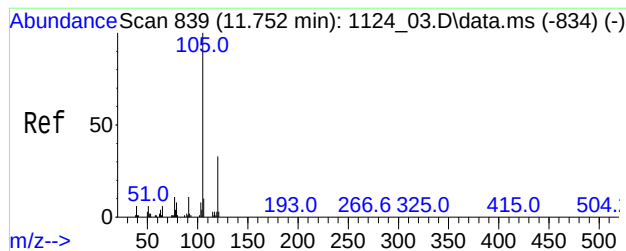
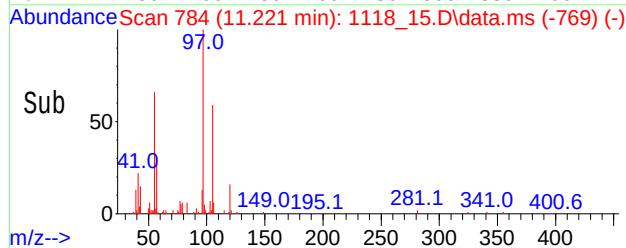
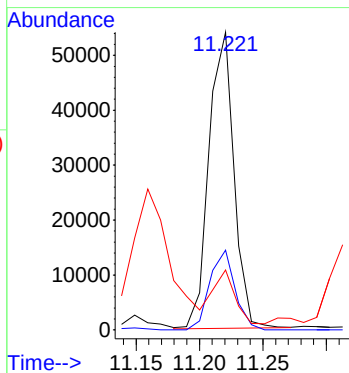
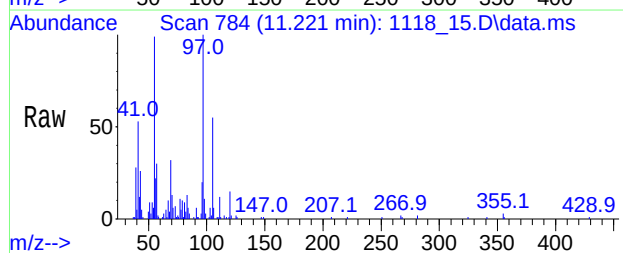
Tgt Ion	Ratio	Lower	Upper
91	100		
106	45.9	39.8	59.6
105	18.6	17.1	25.7





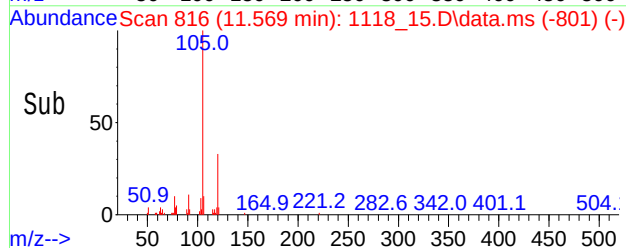
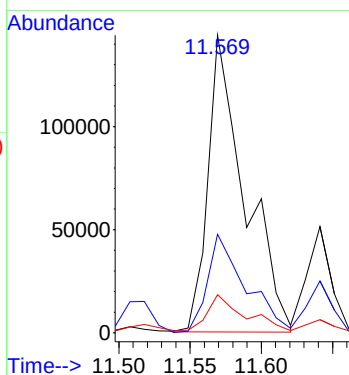
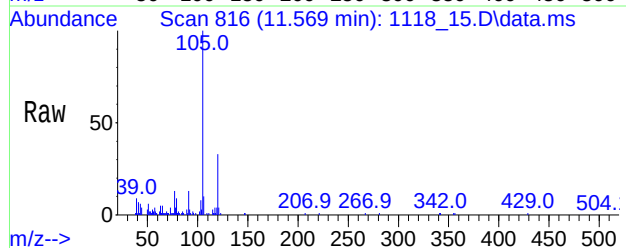
#65
Isopropylbenzene
Conc: 8\$ 0.256 ppbv
RT: 11.221 min Scan# 784
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

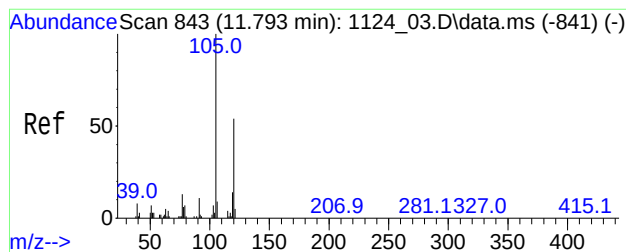
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	23.0	34.6
77	15.8	12.8	19.2



#67
4-Ethyltoluene
Conc: 8\$ 0.907 ppbv
RT: 11.569 min Scan# 816
Delta R.T. -0.031 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

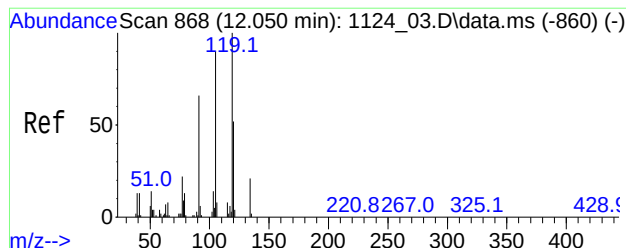
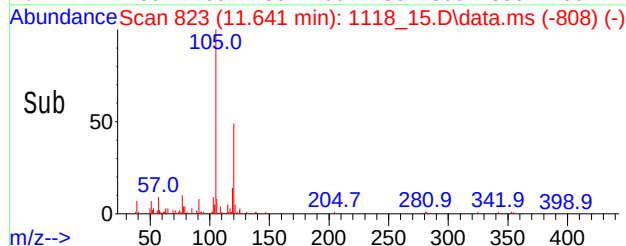
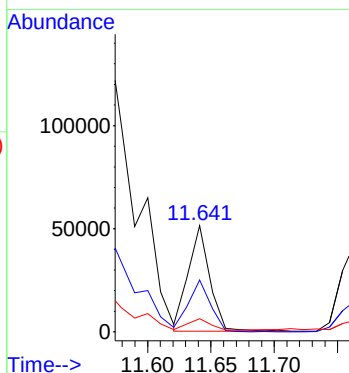
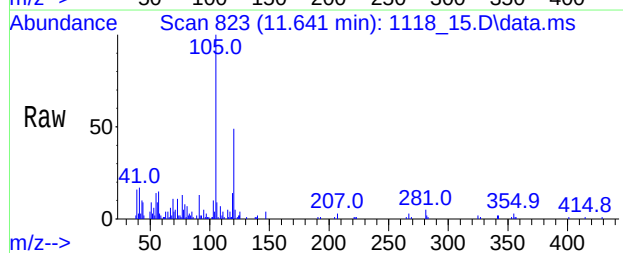
Tgt Ion	Ratio	Lower	Upper
105	100		
120	34.5	26.0	39.0
77	11.9	8.9	13.3





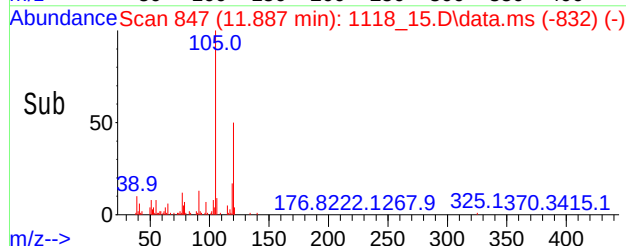
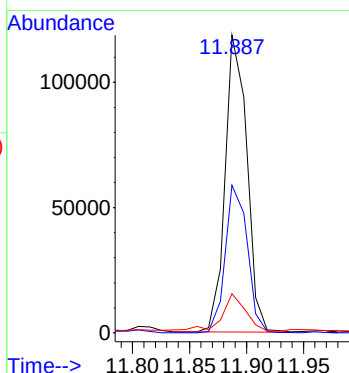
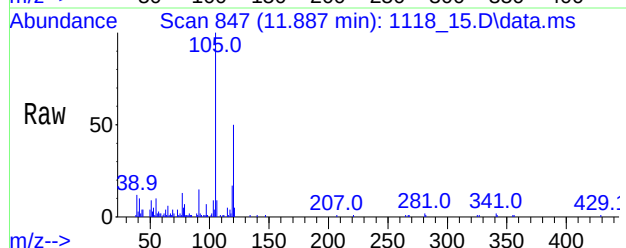
#68
1,3,5-Trimethylbenzene
Conc: 8\$ 0.242 ppbv
RT: 11.641 min Scan# 823
Delta R.T. 0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

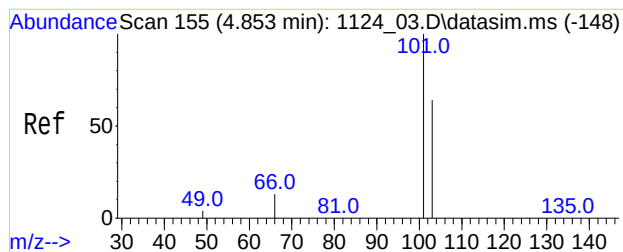
Tgt Ion:	105	Resp:	60966
Ion Ratio	Lower	Upper	
105	100		
120	49.4	40.4	60.6
77	11.4	9.0	13.6



#69
1,2,4-Trimethylbenzene
Conc: 8\$ 0.619 ppbv
RT: 11.887 min Scan# 847
Delta R.T. -0.001 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

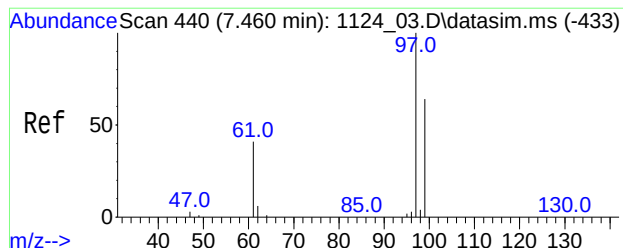
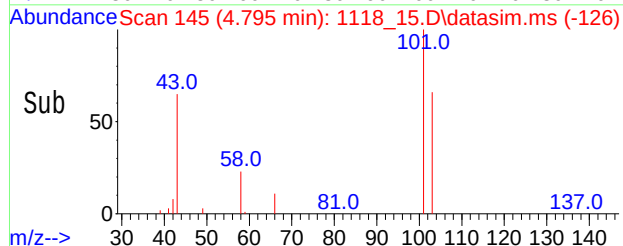
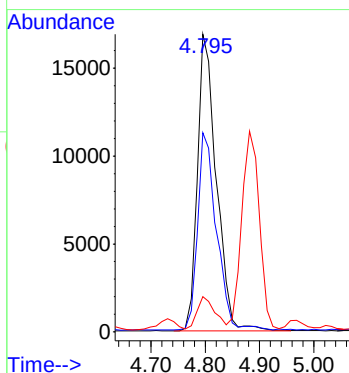
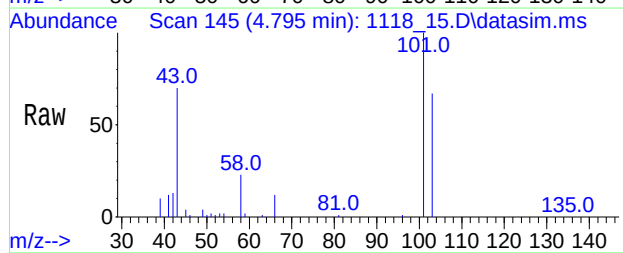
Tgt Ion:	105	Resp:	156836
Ion Ratio	Lower	Upper	
105	100		
120	50.4	48.6	72.8
77	13.6	20.6	30.8#





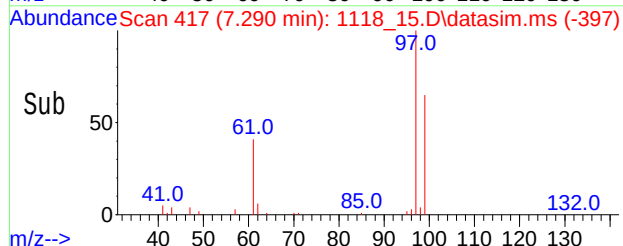
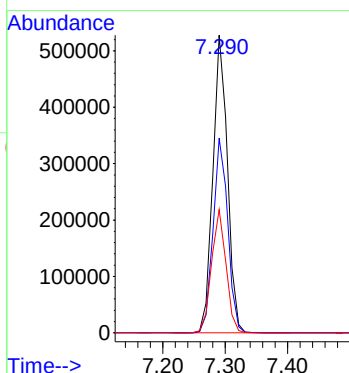
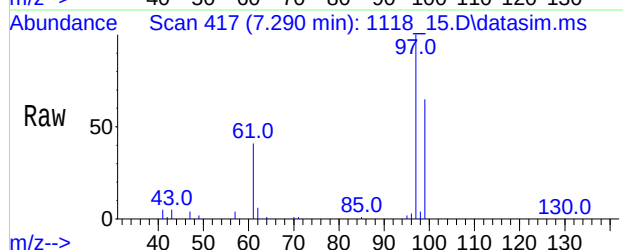
#85
Trichlorofluoromethane(sim)
Conc: 8\$ 0.245 ppbv
RT: 4.795 min Scan# 145
Delta R.T. -0.001 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

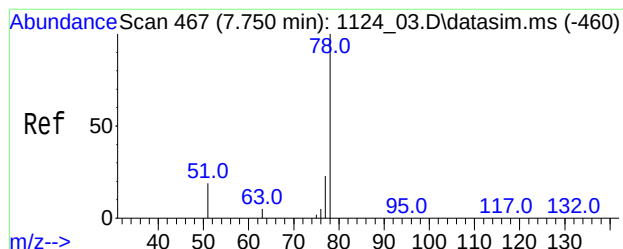
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	40912		
103	66.4	53.2	79.8	
66	10.5	11.8	11.8#	



#87
1,1,1-Trichloroethane(sim)
Conc: 8\$ 6.292 ppbv
RT: 7.290 min Scan# 417
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

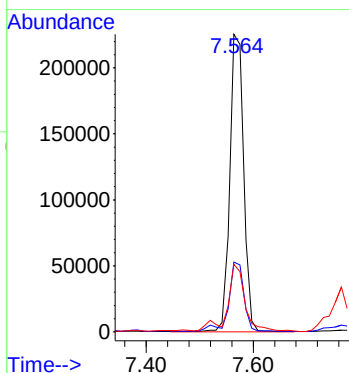
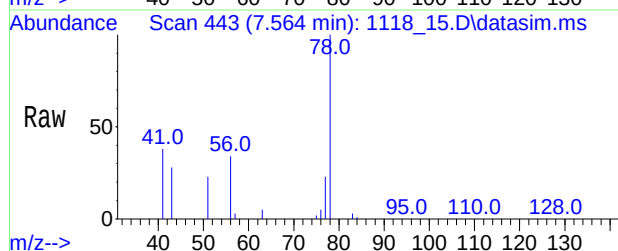
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	861011		
99	65.9	66.1	66.1#	
61	41.0	33.3	49.9	



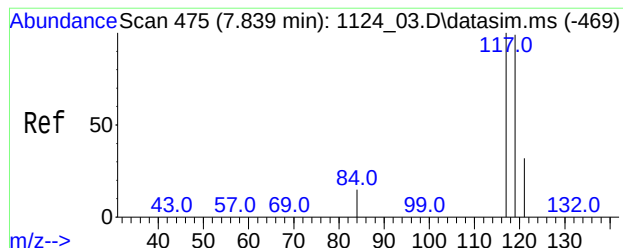
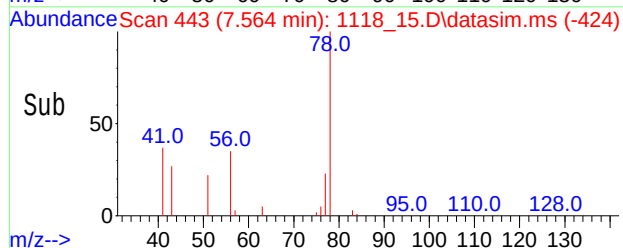


#88
Benzene(sim)
Conc: 8\$ 2.615 ppbv
RT: 7.569 min Scan# 443
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	16.2	24.2#
51	29.2	16.5	24.7#

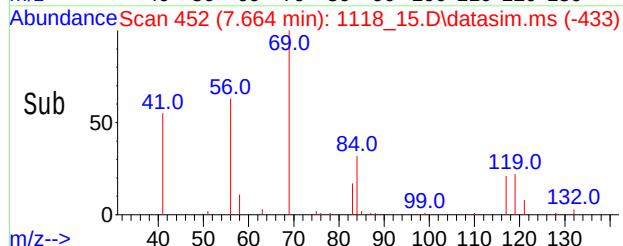
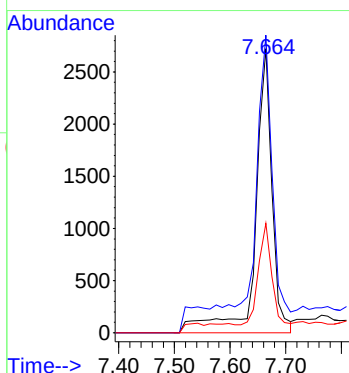
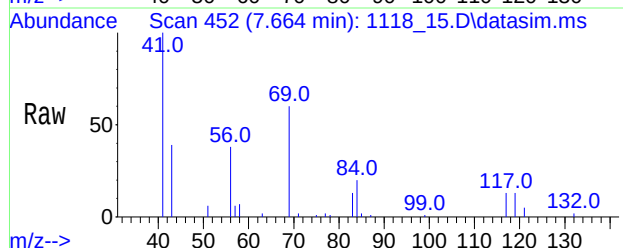


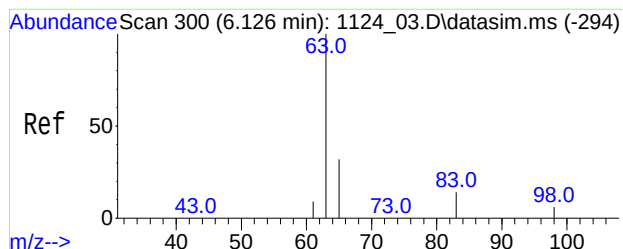
not reported



#89
Carbon Tetrachloride(sim)
Conc: 8\$ 0.040 ppbv
RT: 7.664 min Scan# 452
Delta R.T. 0.011 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

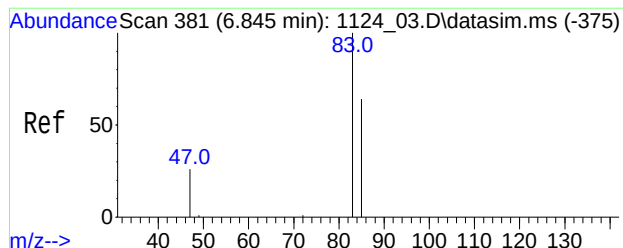
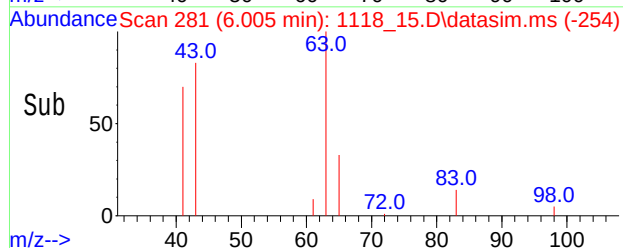
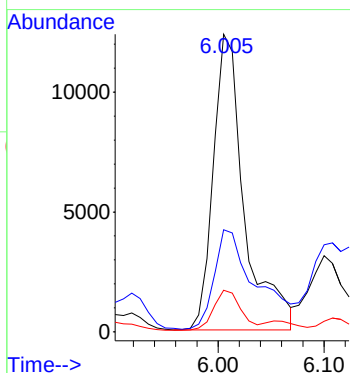
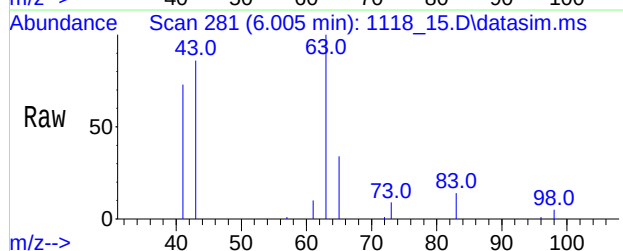
Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.3	76.2	114.2
121	29.4	25.0	37.6





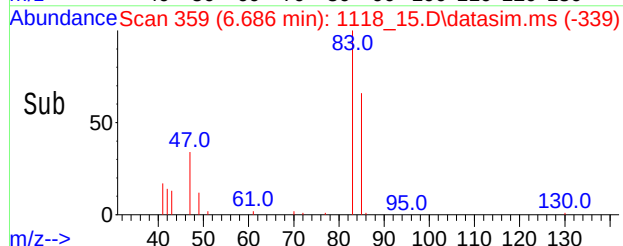
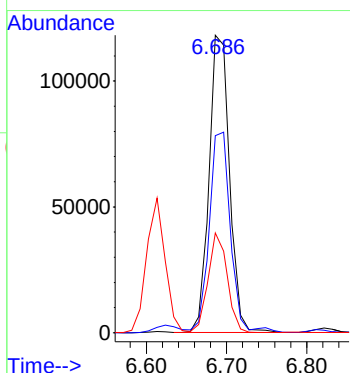
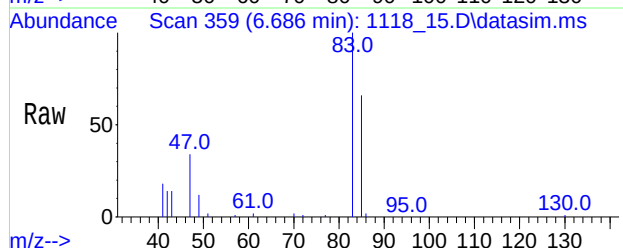
#93
1,1-Dichloroethane(sim)
Conc: 8\$ 0.273 ppbv
RT: 6.005 min Scan# 281
Delta R.T. 0.015 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

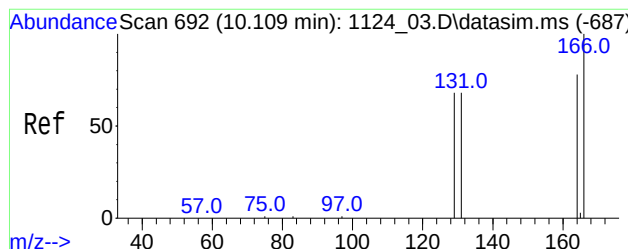
Tgt Ion: 63 Resp: 25048
Ion Ratio Lower Upper
63 100
65 45.2 25.0 37.4#
83 11.9 11.2 16.8



#95
Chloroform(sim)
Conc: 8\$ 1.768 ppbv
RT: 6.686 min Scan# 359
Delta R.T. 0.010 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

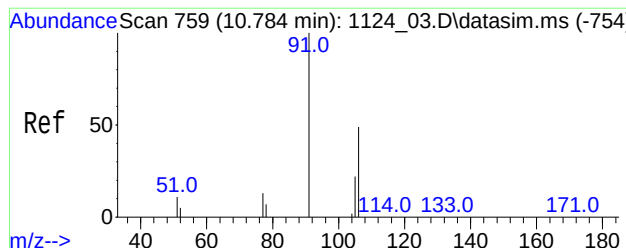
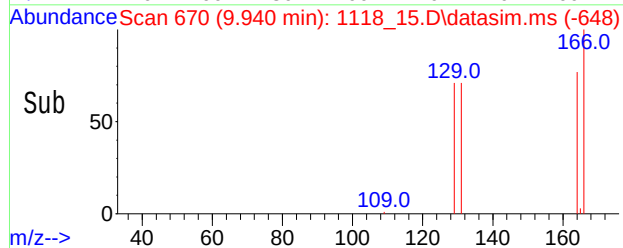
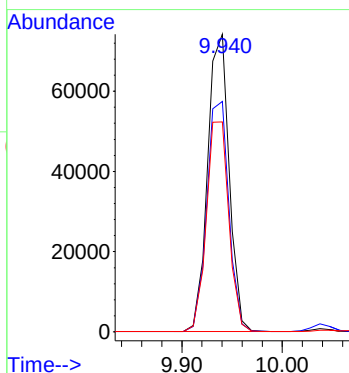
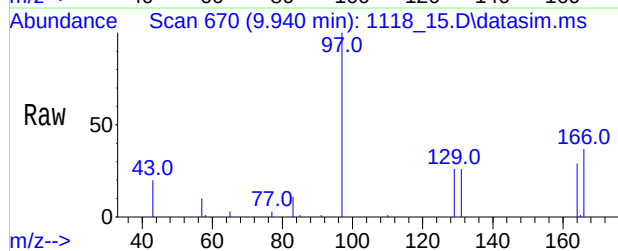
Tgt Ion: 83 Resp: 209607
Ion Ratio Lower Upper
83 100
85 69.6 52.7 79.1
47 31.5 26.0 39.0





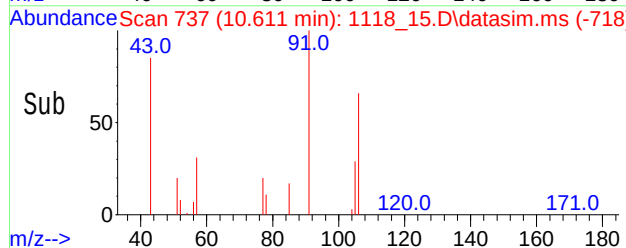
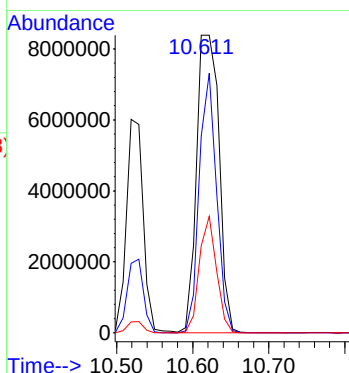
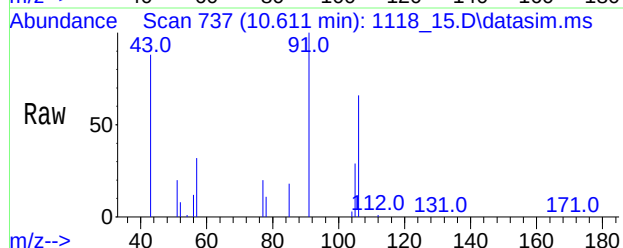
#105
Tetrachloroethene(sim)
Conc: 8\$ 0.809 ppbv
RT: 9.940 min Scan# 670
Delta R.T. 0.009 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Lower	Upper
166	100		
164	79.6	59.7	99.7
129	73.8	52.6	92.6



#108
m,p-Xylene(sim)
Conc: 8\$ 56.068 ppbv
RT: 10.616 min Scan# 737
Delta R.T. -0.000 min
Lab File: 1118_15.D
Acq: 18 Nov 2021 3:42 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	59.5	46.6	57.0#
105	26.6	18.6	28.0



SV-14 10X

Dilution Factor: 10

ppbv

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent
This form 1 and the associated quantitation report are filtered for detected compounds in the undiluted analysis.

Data Path : H:\AIR2021\CHEM20\11NOV\18\
 Data File : 1118_16.D
 Acq On : 18 Nov 2021 4:18 pm
 Operator :
 Client ID : SV-14 10X
 Lab ID : Cj80288 10X
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 20 16:47:54 2022
 Quant Method : H:\AIR2021\CHEM20\Methods\20_AIR_1115.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Tue Nov 16 09:53:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	6.608	130	522499	10.000	ng	0.01
37) 1,4-Difluorobenzene	7.759	114	2027109	10.000	ng	0.00
54) Chlorobenzene-d5	10.288	82	893098m	10.000	ng	0.00
81) Bromochloromethane(sim)	6.613	130	578149m	10.000	ng	0.01
96) 1,4-Difluorobenzene(sim)	7.759	114	2027109	10.000	ng	0.00
106) Chlorobenzene-d5(sim)	10.294	82	1046227m	10.000	ng	0.00
System Monitoring Compounds						
63) % Bromofluorobenzene	11.149	95	1007514	9.440	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	94.40%	
Target Compounds						
					Qvalue	
2) Propylene	3.497	41	263373	5.479	ppbv	86
11) Ethanol	4.456	45	123619	5.735	ppbv#	91
12) Acetone	4.779	43	228998	2.488	ppbv#	74
20) Carbon Disulfide	5.467	76	39740	0.320	ppbv#	92
28) Hexane	6.618	57	83299	1.201	ppbv	99
33) 1,1,1-Trichloroethane	7.285	97	75559	0.620	ppbv	99
36) Cyclohexane	7.726	41	28300	0.531	ppbv#	79
44) Heptane	8.349	43	74880	0.671	ppbv#	92
49) Toluene	9.275	91	225616	1.238	ppbv	99
51) 2-Hexanone(MBK)	9.479	43	586679	4.666	ppbv	100
53) Tetrachloroethene	9.935	166	9366	0.087	ppbv	94
57) Ethylbenzene	10.513	91	732080	3.274	ppbv	98
58) m,p-Xylene	10.616	91	1725491	10.209	ppbv	99
62) o-Xylene	10.882	91	440145	2.369	ppbv	99
87) 1,1,1-Trichloroethane(...	7.290	97	80772	0.595	ppbv#	100
105] Tetrachloroethene(sim)	9.931	166	10611	0.079	ppbv	97
108] m,p-Xylene(sim)	10.616	91	1732913	7.464	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

looks like chlorobenzene-d5 was manually integrated on 9/20/22.

No manual integration was provided. the bromofluorobezene result went from a failing value to a passing value.

m,p-xylene was reported from this analysis.

Data Path : H:\AIR2021\CHEM20\11NOV\18\
 Data File : 1118_16.D
 Acq On : 18 Nov 2021 4:18 pm
 Operator :
 Client ID : SV-14 10X
 Lab ID : CJ80288 10X
 ALS Vial : 16 Sample Multiplier: 1

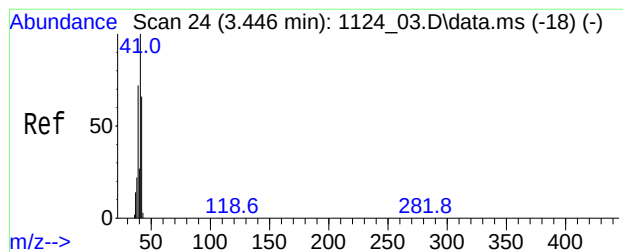
Quant Time: Nov 19 11:58:17 2021
 Quant Method : H:\AIR2021\CHEM20\Methods\20_AIR_1115.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Tue Nov 16 09:53:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	6.608	130	522499	10.000	ng	0.01
37) 1,4-Difluorobenzene	7.759	114	2027109	10.000	ng	0.00
54) Chlorobenzene-d5	10.288	82	1226629	10.000	ng	0.00
81) Bromochloromethane(sim)	6.613	130	578149m	10.000	ng	0.01
96) 1,4-Difluorobenzene(sim)	7.759	114	2027109	10.000	ng	0.00
106) Chlorobenzene-d5(sim)	10.288	82	1226629	10.000	ng	# 0.00
System Monitoring Compounds						
63) % Bromofluorobenzene	11.149	95	1007514	6.873	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	68.70%#	
Target Compounds						
					Qvalue	
2) Propylene	3.497	41	263373	5.479	ppbv	86
11) Ethanol	4.456	45	123619	5.735	ppbv#	91
12) Acetone	4.779	43	228998	2.488	ppbv#	74
20) Carbon Disulfide	5.467	76	39740	0.320	ppbv#	92
28) Hexane	6.618	57	83299	1.201	ppbv	99
33) 1,1,1-Trichloroethane	7.285	97	75559	0.620	ppbv	99
36) Cyclohexane	7.726	41	28300	0.531	ppbv#	79
44) Heptane	8.349	43	74880	0.671	ppbv#	92
49) Toluene	9.275	91	225616	1.238	ppbv	99
51) 2-Hexanone(MBK)	9.479	43	586679	4.666	ppbv	100
53) Tetrachloroethene	9.935	166	9366	0.087	ppbv	94
57) Ethylbenzene	10.513	91	732080	2.384	ppbv	98
58) m,p-Xylene	10.616	91	1725491	7.433	ppbv	99
62) o-Xylene	10.882	91	440145	1.725	ppbv	99
87) 1,1,1-Trichloroethane(...)	7.290	97	80772	0.595	ppbv#	100
105] Tetrachloroethene(sim)	9.931	166	10611	0.079	ppbv	97
108] m,p-Xylene(sim)	10.616	91	1732913	6.366	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

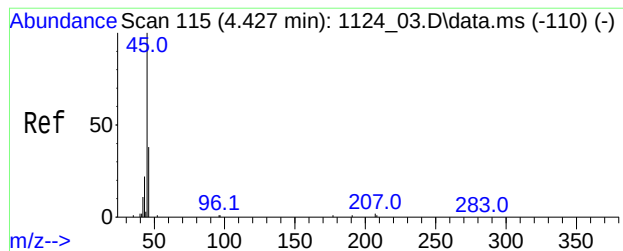
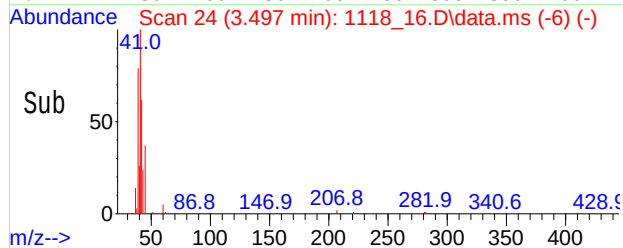
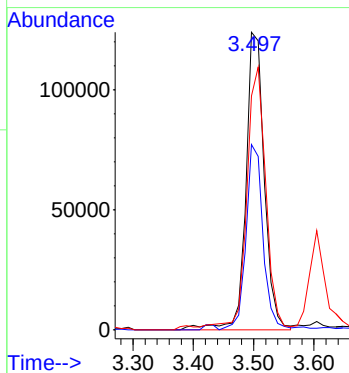
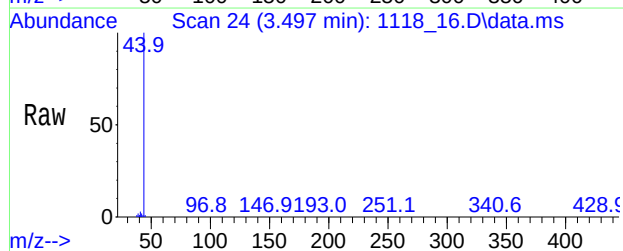
results for bromofluorobenzene was reported from the 9/20/22 integration.

appears only thing integrated was chlorobenezene-d5



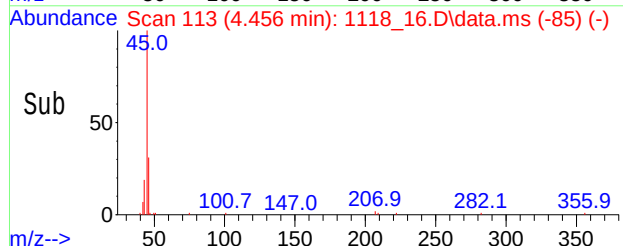
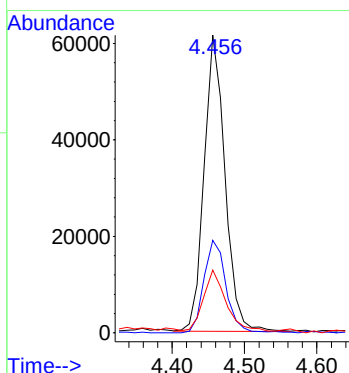
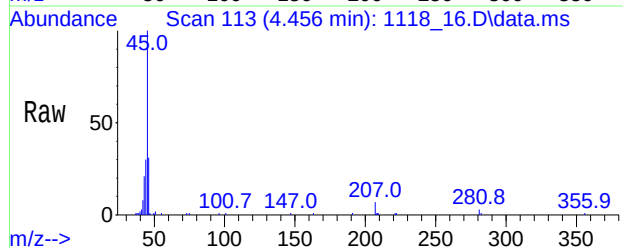
#2
Propylene
Conc: 8\$ 5.479 ppbv
RT: 3.497 min Scan# 24
Delta R.T. -0.010 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

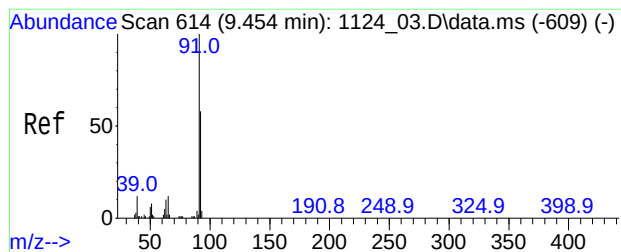
Tgt Ion	Ratio	Resp	Lower	Upper
41	100	263373		
42	58.1		55.6	83.4
39	90.1		62.7	94.1



#11
Ethanol
Conc: 8\$ 5.735 ppbv
RT: 4.456 min Scan# 113
Delta R.T. -0.000 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

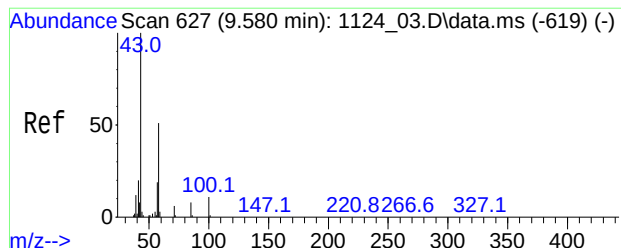
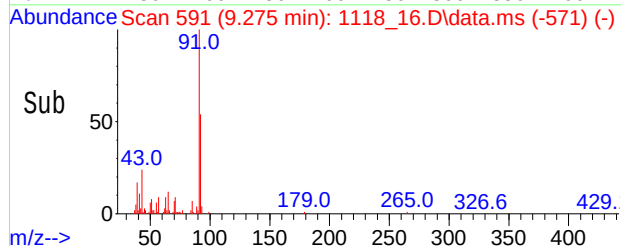
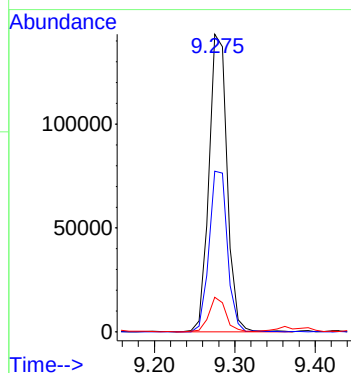
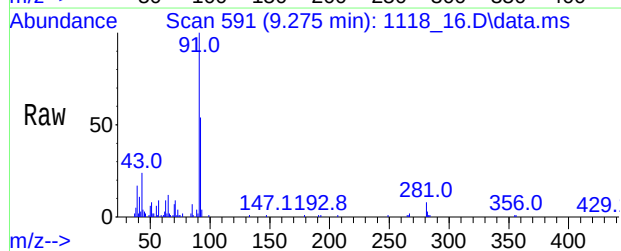
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	123619		
46	33.2		26.5	39.7
43	22.0		25.7	38.5#





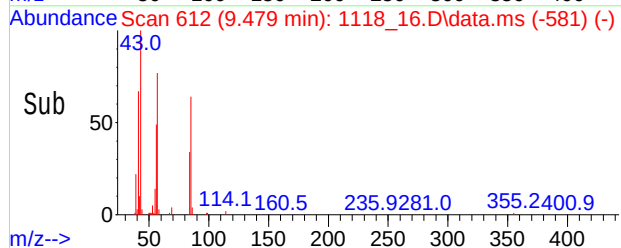
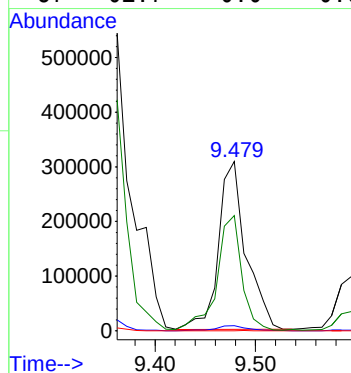
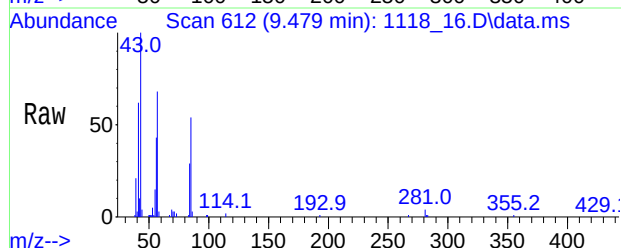
#49
Toluene
Conc: 8\$ 1.238 ppbv
RT: 9.275 min Scan# 591
Delta R.T. -0.010 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.9	65.9
65	11.0	8.6	13.0

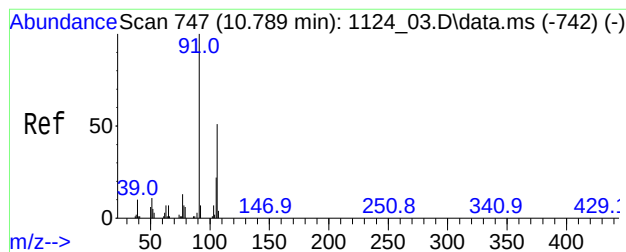


#51
2-Hexanone(MBK)
Conc: 8\$ 4.666 ppbv
RT: 9.479 min Scan# 612
Delta R.T. -0.000 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	3.7	0.0	0.0#
100	0.1	0.0	0.0#
57	61.7	0.0	0.0#

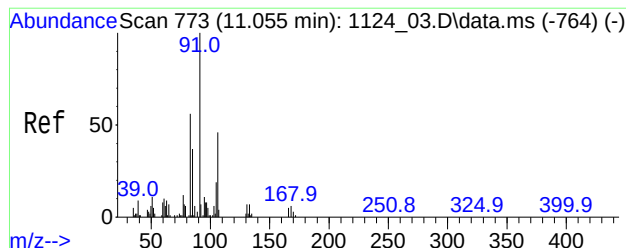
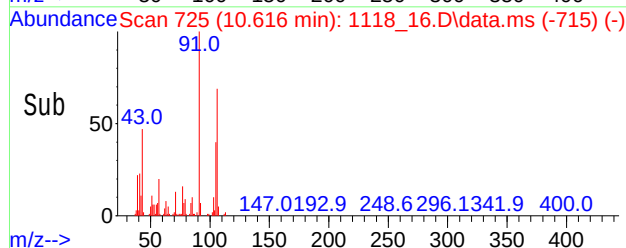
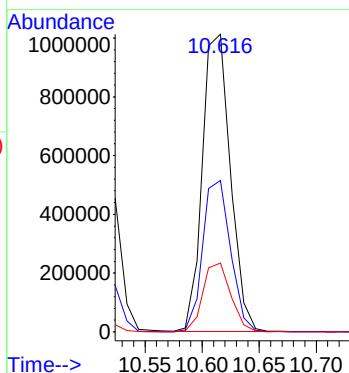
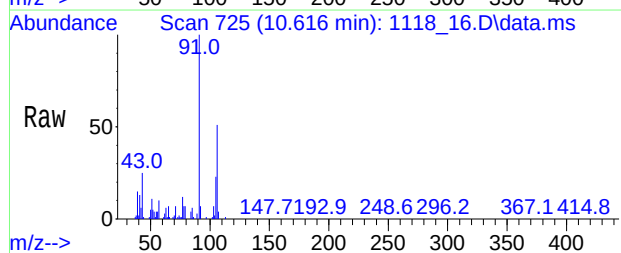


Flag N - subtracted does not resemble the reference.



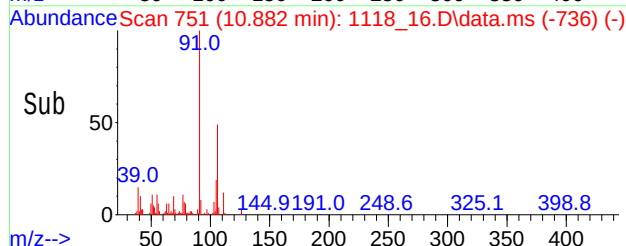
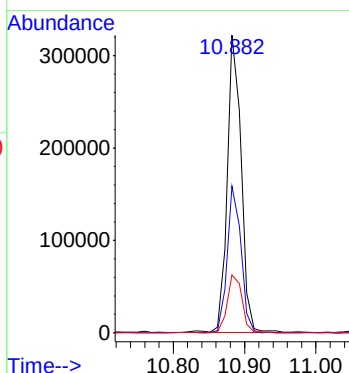
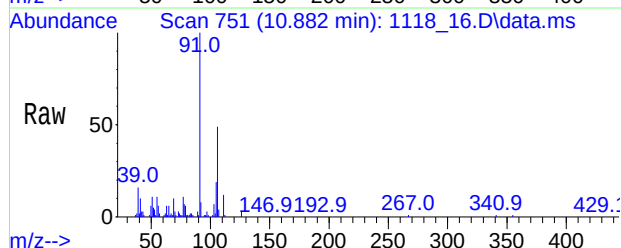
#58
m,p-Xylene
Conc: 8\$ 10.209 ppbv
RT: 10.616 min Scan# 725
Delta R.T. -0.000 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	50.5	41.4	62.0
105	22.9	18.7	28.1



#62
o-Xylene
Conc: 8\$ 2.369 ppbv
RT: 10.882 min Scan# 751
Delta R.T. -0.001 min
Lab File: 1118_16.D
Acq: 18 Nov 2021 4:18 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	48.8	39.8	59.6
105	20.6	17.1	25.7



1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	SV-15 5X
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80289 5X</u>	
Canister:	<u>28590</u>	Lab File ID:	<u>1117_12.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received: <u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
75-01-4	Vinyl Chloride	2.06		0.391	0.391	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	102	S	2.66	2.66	r
67-64-1	Acetone	40.9	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	3.27		0.891	0.891	r
67-63-0	Isopropylalcohol	2.57	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-35-4	1,1-Dichloroethene	90.5		0.252	0.252	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	7.07		1.61	1.61	r
156-60-5	Trans-1,2-Dichloroethene	2.41		1.26	1.26	r
75-34-3	1,1-Dichloroethane	284	E	1.24	1.24	
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	25.0		1.70	1.70	r
156-59-2	Cis-1,2-Dichloroethene	21.3		0.252	0.252	r
110-54-3	Hexane	22.4	S	1.42	1.42	r
67-66-3	Chloroform	1.02	U	1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
71-55-6	1,1,1-Trichloroethane	1260	E	0.917	0.917	
71-43-2	Benzene	5.04		1.57	1.57	r
110-82-7	Cyclohexane	7.07		1.45	1.45	r
79-01-6	Trichloroethene	9.08		0.186	0.186	r
142-82-5	Heptane	10.0		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	18.8		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	1.54		0.184	0.184	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	20.9		1.15	1.15	r
179601-23-1	m,p-Xylene	88.3		1.15	1.15	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80289 5X</u>
Canister:	<u>28590</u>	Lab File ID:	<u>1117_12.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/17/21</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	22.2		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	2.65		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.32		1.02	1.02	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1117_12.D
 Acq On : 17 Nov 2021 8:43 pm
 Operator : Keith
 Client ID : SV-15 5X
 Lab ID : CJ80289 5X
 ALS Vial : 42 Sample Multiplier: 1

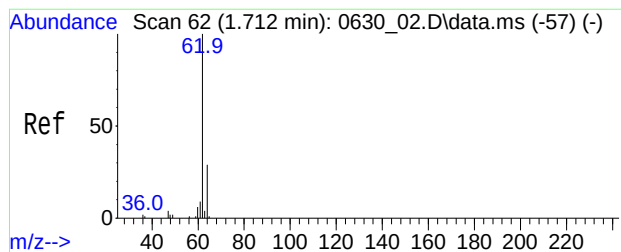
Quant Time: Nov 18 09:26:14 2021
 Quant Method : H:\AIR2021\CHEM24\METHODS\24AIR_1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.089	130	174965	10.000	ng	-0.03
36) 1,4-Difluorobenzene	7.059	114	601020	10.000	ng	-0.02
53) Chlorobenzene-d5	10.664	82	314437	10.000	ng	-0.03
80) Bromochloromethane(sim)	5.092	130	176574	10.000	ng	#-0.03
95) 1,4-Difluorobenzene(sim)	7.059	114	601020	10.000	ng	-0.02
105) Chlorobenzene-d5(sim)	10.664	82	314437	10.000	ng	-0.03

System Monitoring Compounds						
62) % Bromofluorobenzene	12.142	95	459653	10.382	ppbv	-0.02
Spiked Amount	10.000	Range	70 - 130	Recovery	= 103.80%	

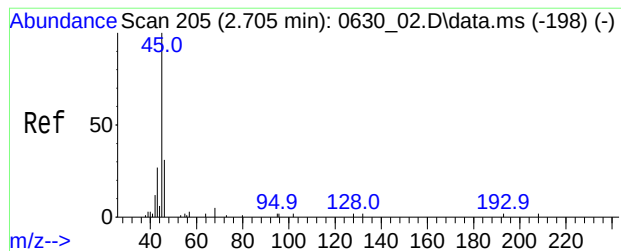
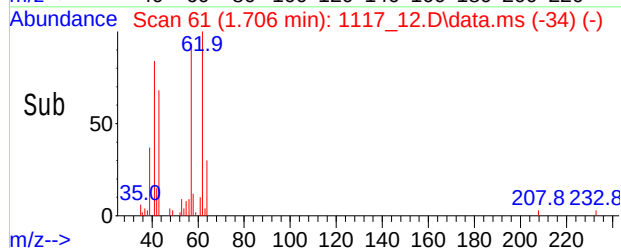
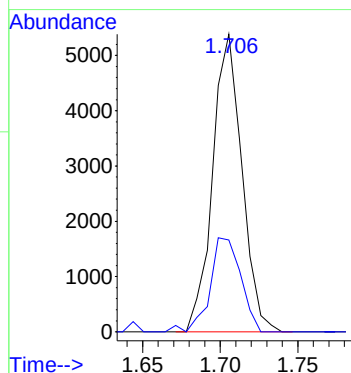
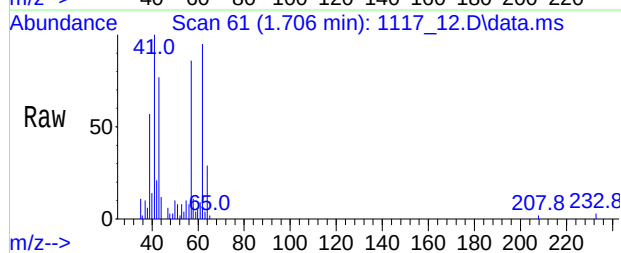
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Vinyl Chloride	1.706	62	7073	0.411	ppbv	94
10) Ethanol	2.644	45	164689	20.398	ppbv#	95
12) Acetone	3.218	43	355021	8.176	ppbv	96
13) Trichlorofluoromethane	2.158	101	36729	0.653	ppbv	98
14) Isopropylalcohol	3.341	45	21343	0.513	ppbv#	19
16) 1,1-Dichloroethene	2.562	61	615616	18.096	ppbv#	87
20) Carbon Disulfide	2.568	76	63787	1.414	ppbv#	93
22) Trans-1,2-Dichloroethene	3.280	61	13706	0.482	ppbv	91
23) 1,1-Dichloroethane	3.993	63	1797739	56.871	ppbv	96
25) Methyl Ethyl Ketone	5.853	43	247123	5.002	ppbv	95
26) Cis-1,2-Dichloroethene	4.783	61	118279	4.265	ppbv	95
27) Hexane	3.437	57	123808	4.478	ppbv	88
32) 1,1,1-Trichloroethane	5.572	97	11682958	252.509	ppbv	96
33) Benzene	6.121	78	43910	1.007	ppbv	96
35) Cyclohexane	5.168	56	41824	1.413	ppbv	97
39) Trichloroethene	7.005	130	44546	1.816	ppbv	97
43) Heptane	6.292	43	85182	2.002	ppbv	98
48) Toluene	8.885	91	198404	3.757	ppbv	92
52) Tetrachloroethene	9.368	166	10240	0.307	ppbv	96
56) Ethylbenzene	10.781	91	325187	4.183	ppbv	95
57) m,p-Xylene	10.966	91	1056457	17.668	ppbv	98
61) o-Xylene	11.460	91	318506	4.438	ppbv#	91
66) 4-Ethyltoluene	12.493	105	45989	0.530	ppbv	98
68) 1,2,4-Trimethylbenzene	13.077	105	33514	0.463	ppbv#	97
82) Vinyl Chloride(sim)	1.702	62	7764	0.442	ppbv	98
84) Trichlorofluoromethane...	2.154	101	38404	0.689	ppbv	100
85) 1,1,1-Trichloroethane...	5.572	97	11687631	248.894	ppbv#	96
86) Benzene(sim)	6.124	78	48851	0.922	ppbv	94
88) 1,1-Dichloroethene(sim)	2.565	61	673965	19.341	ppbv	95
90) Trans-1,2-Dichloroethe...	3.283	61	13950	0.476	ppbv	97
91) 1,1-Dichloroethane(sim)	3.993	63	1797739	55.352	ppbv	96
92) Cis-1,2-Dichloroethene...	4.781	61	130922	4.769	ppbv	97
93) Chloroform(sim)	5.291	83	18329	0.454	ppbv#	1
98) Trichloroethene(sim)	7.007	130	49574	1.966	ppbv	99
104) Tetrachloroethene(sim)	9.364	166	10733	0.320	ppbv	96
108) Ethylbenzene(sim)	10.777	91	363585	4.745	ppb	99
109) m,p-Xylene(sim)	10.966	91	1056457	17.498	ppbv	98
110) o-Xylene(sim)	11.456	91	350743	4.813	ppb	91

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



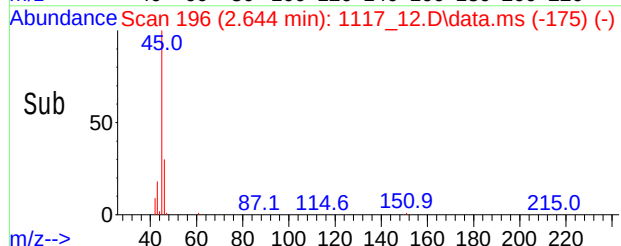
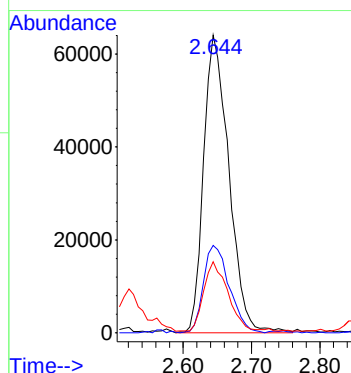
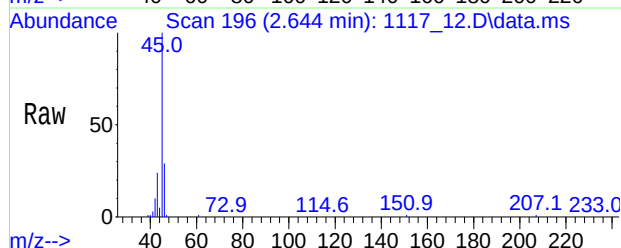
#6
Vinyl Chloride
Conc: 8\$ 0.411 ppbv
RT: 1.706 min Scan# 61
Delta R.T. -0.013 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

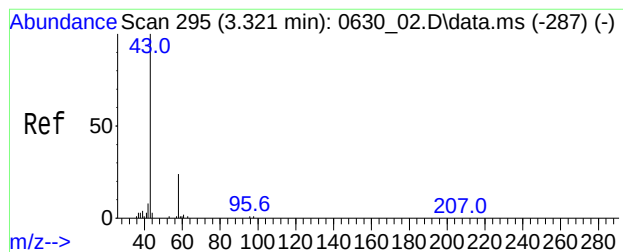
Tgt Ion: 62 Resp: 7073
Ion Ratio Lower Upper
62 100
64 33.2 10.2 50.2



#10
Ethanol
Conc: 8\$ 20.398 ppbv
RT: 2.644 min Scan# 196
Delta R.T. -0.054 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

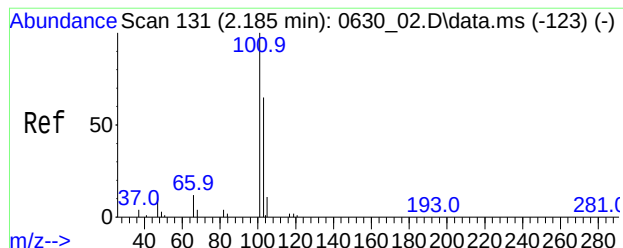
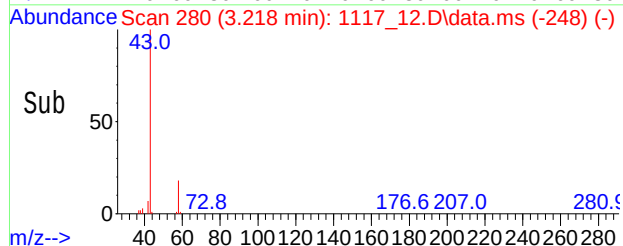
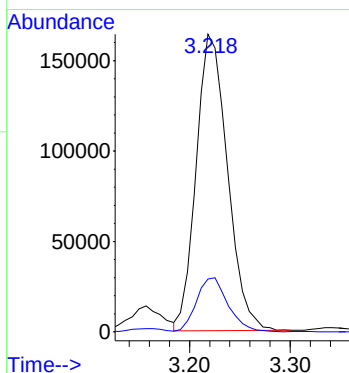
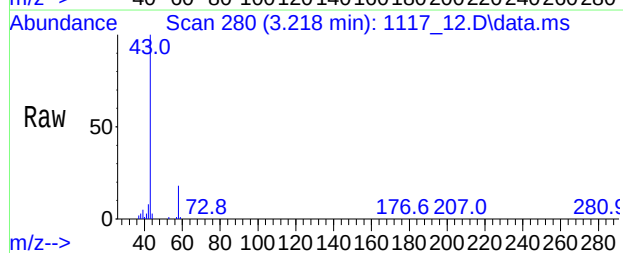
Tgt Ion: 45 Resp: 164689
Ion Ratio Lower Upper
45 100
46 29.9 23.7 35.5
43 22.1 22.1 33.1#





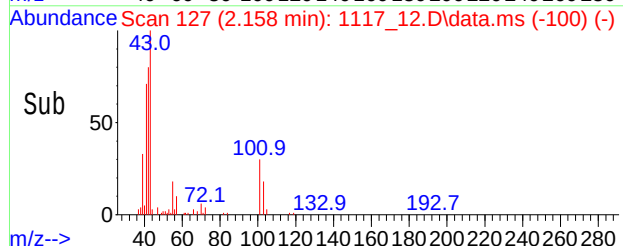
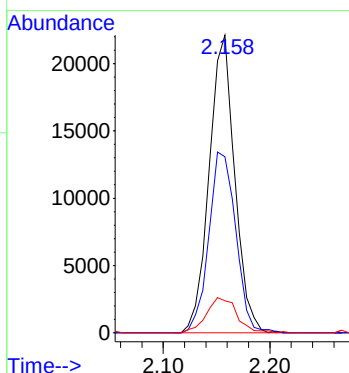
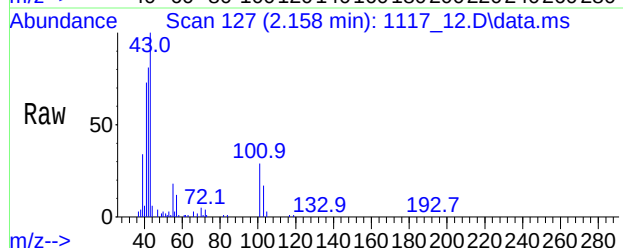
#12
Acetone
Conc: 8\$ 8.176 ppbv
RT: 3.218 min Scan# 280
Delta R.T. -0.082 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

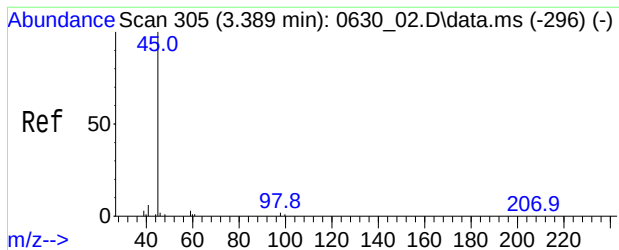
Tgt Ion: 43 Resp: 355021
Ion Ratio Lower Upper
43 100
58 18.2 16.1 24.1



#13
Trichlorofluoromethane
Conc: 8\$ 0.653 ppbv
RT: 2.158 min Scan# 127
Delta R.T. -0.013 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

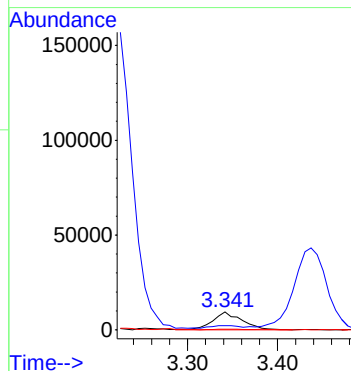
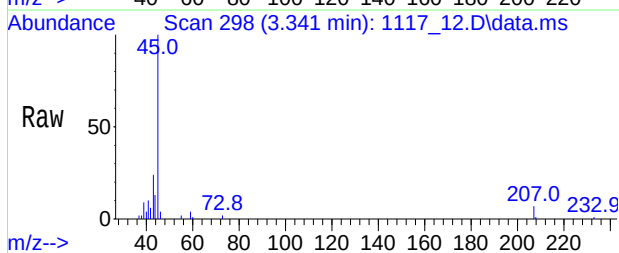
Tgt Ion: 101 Resp: 36729
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2
66 14.2 11.2 16.8



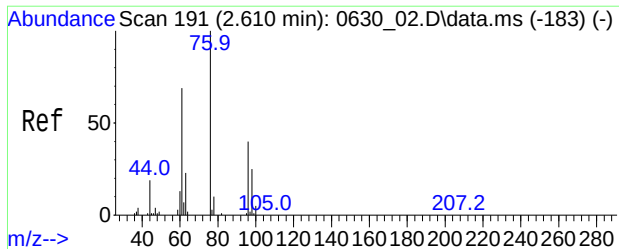
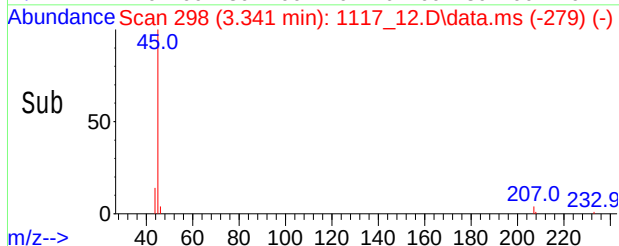


#14
Isopropylalcohol
Conc: 8\$ 0.513 ppbv
RT: 3.341 min Scan# 298
Delta R.T. -0.069 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 45 Resp: 21343
Ion Ratio Lower Upper
45 100
43 0.0 53.4 80.2#
59 4.2 1.7 2.5#

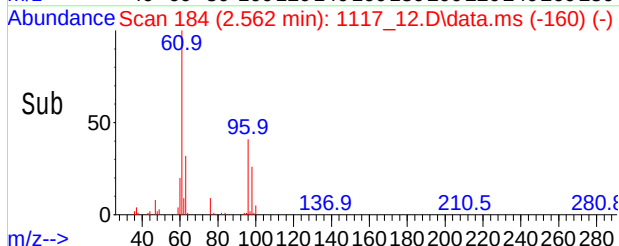
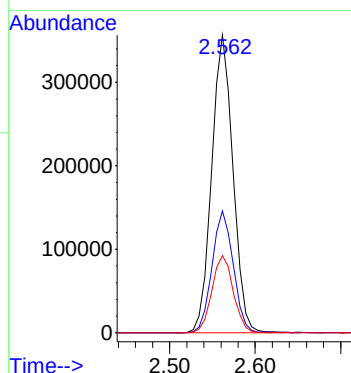
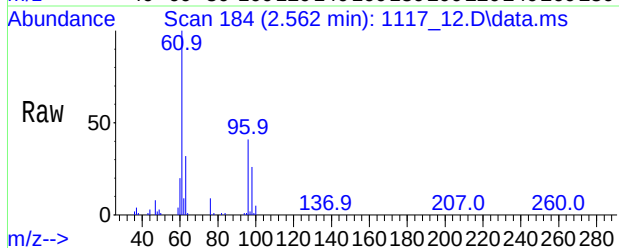


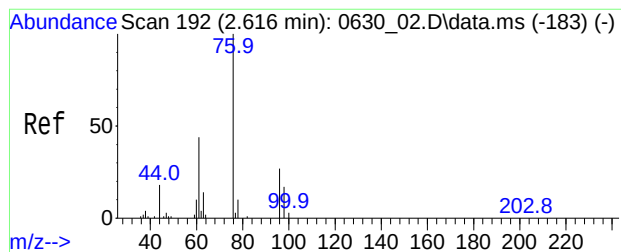
Flag N - subtracted does not resemble the reference.



#16
1,1-Dichloroethene
Conc: 8\$ 18.096 ppbv
RT: 2.562 min Scan# 184
Delta R.T. -0.020 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 61 Resp: 615616
Ion Ratio Lower Upper
61 100
96 40.9 40.9 61.3
98 26.1 26.2 39.2#



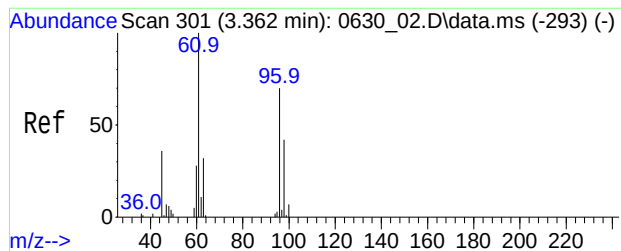
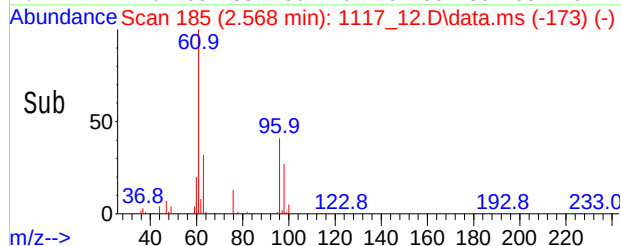
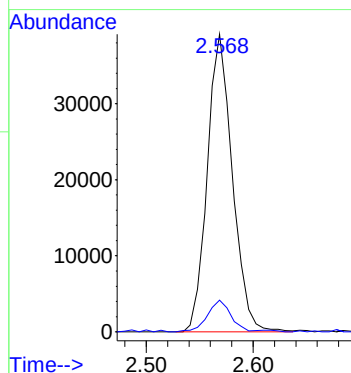
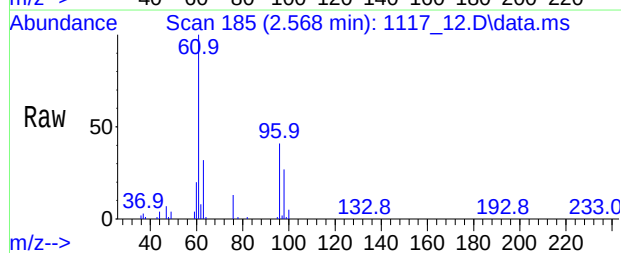


#20
Carbon Disulfide
Conc: 8\$ 1.414 ppbv
RT: 2.568 min Scan# 185
Delta R.T. -0.021 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 76 Resp: 63787
Ion Ratio Lower Upper
76 100
78 10.0 10.3 15.5#

o

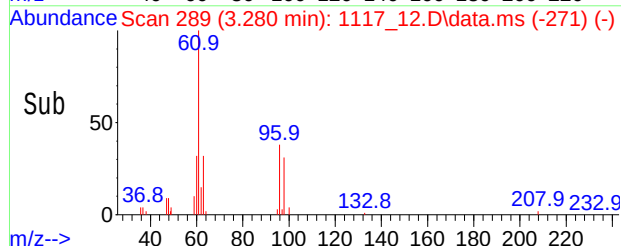
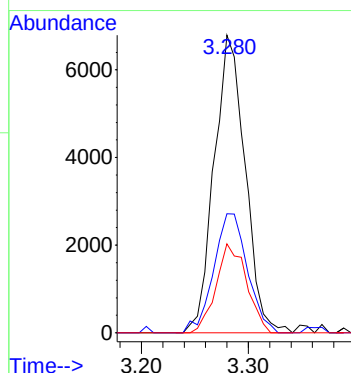
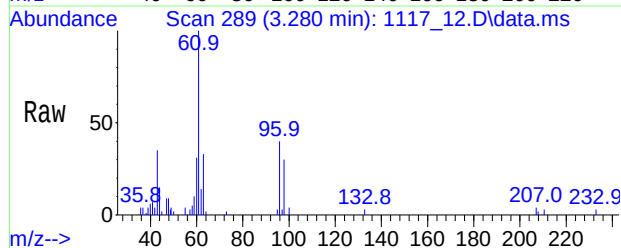
Flag N - subtracted does not resemble the reference.

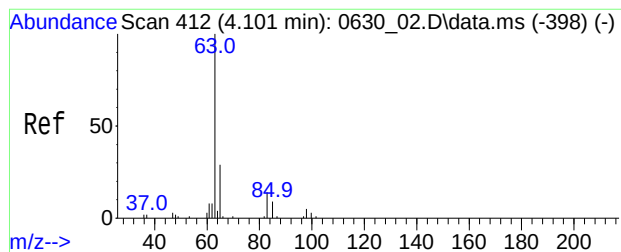


#22
Trans-1,2-Dichloroethene
Conc: 8\$ 0.482 ppbv
RT: 3.280 min Scan# 289
Delta R.T. -0.027 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 61 Resp: 13706
Ion Ratio Lower Upper
61 100
96 43.7 42.6 63.8
98 29.4 24.7 37.1

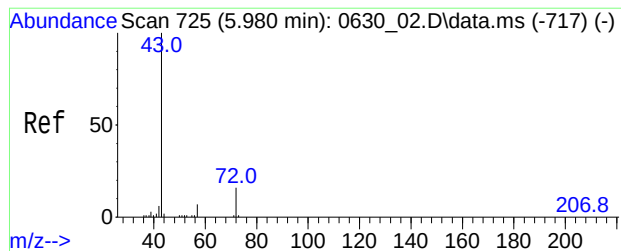
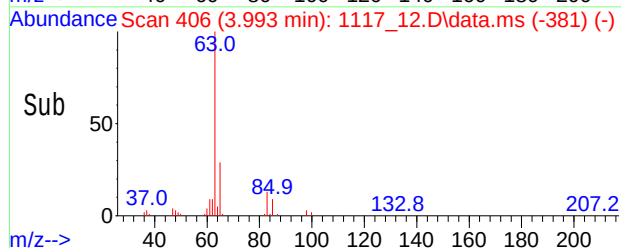
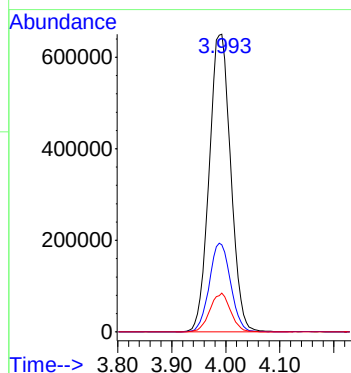
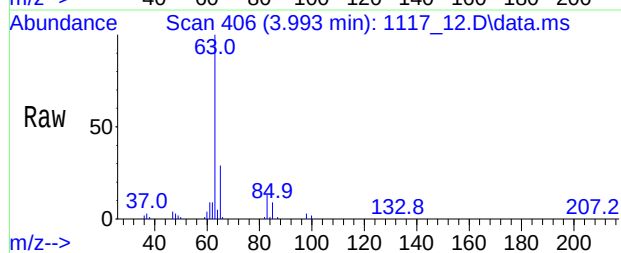
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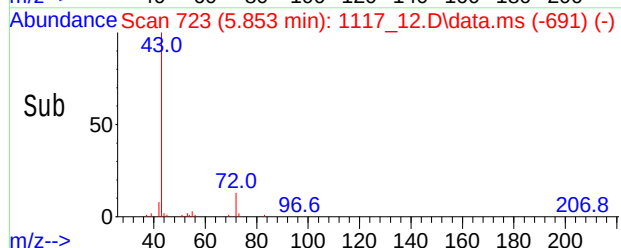
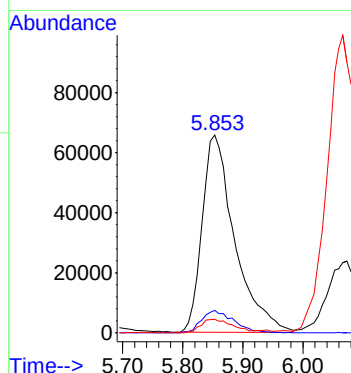
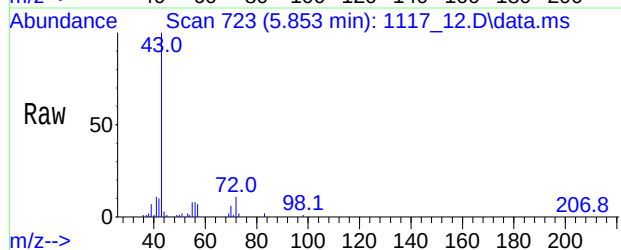
#23
1,1-Dichloroethane
Conc: 8\$ 56.871 ppbv
RT: 3.993 min Scan# 406
Delta R.T. -0.025 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

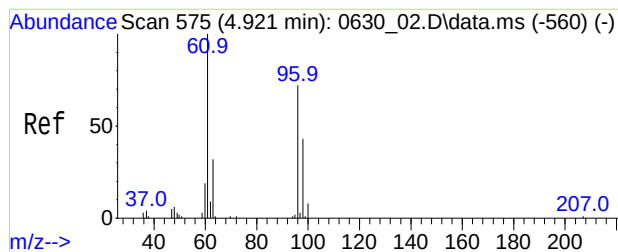
Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.6	11.8	51.8
83	12.5	0.0	34.1



#25
Methyl Ethyl Ketone
Conc: 8\$ 5.002 ppbv
RT: 5.853 min Scan# 723
Delta R.T. -0.072 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

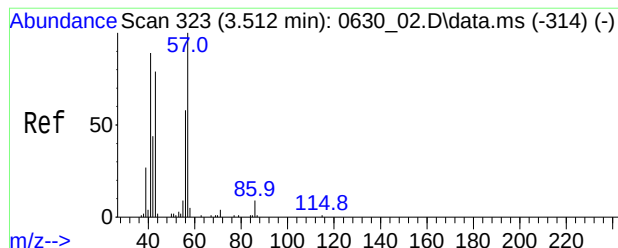
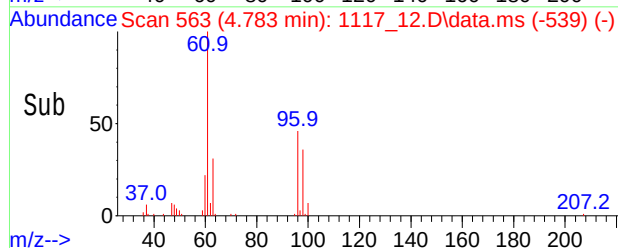
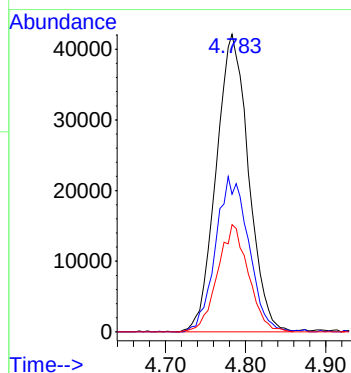
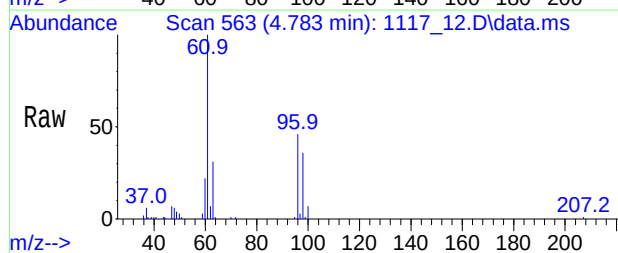
Tgt Ion	Ratio	Lower	Upper
43	100		
72	11.2	10.6	15.8
57	6.8	0.0	0.0#





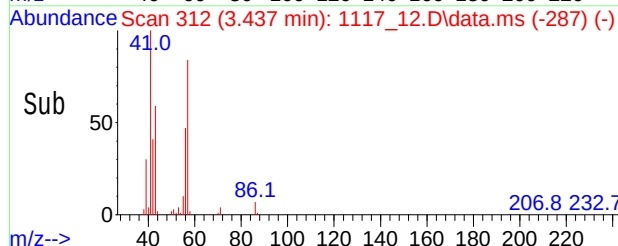
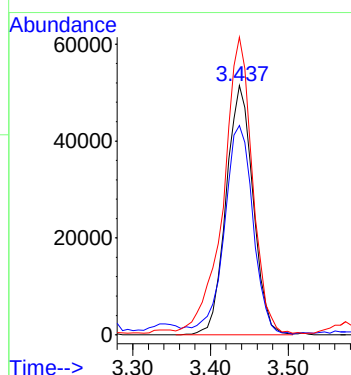
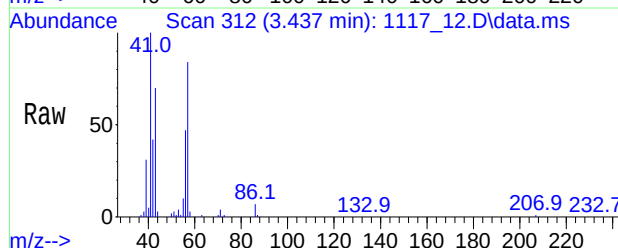
#26
Cis-1,2-Dichloroethene
Conc: 8\$ 4.265 ppbv
RT: 4.783 min Scan# 563
Delta R.T. -0.030 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

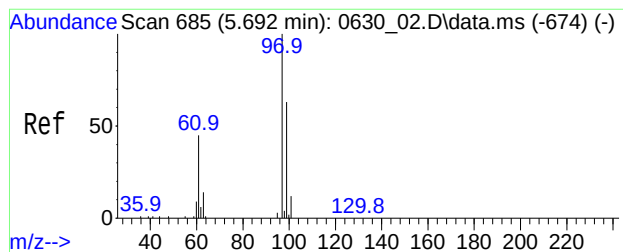
Tgt Ion:	61	Resp:	118279
Ion Ratio	Lower	Upper	
61	100		
96	53.3	45.8	68.6
98	34.4	29.8	44.8



#27
Hexane
Conc: 8\$ 4.478 ppbv
RT: 3.437 min Scan# 312
Delta R.T. -0.028 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

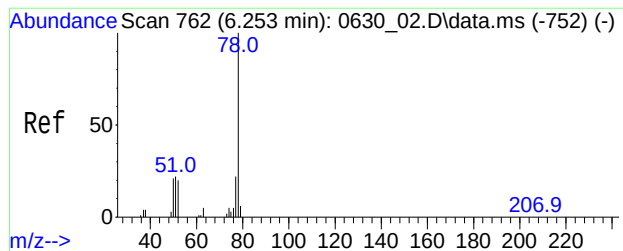
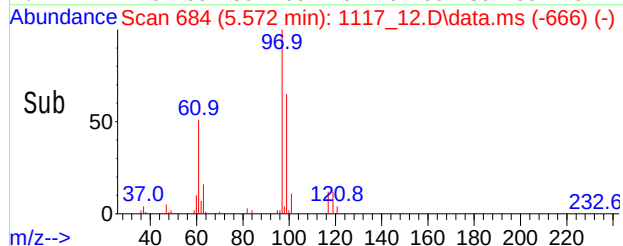
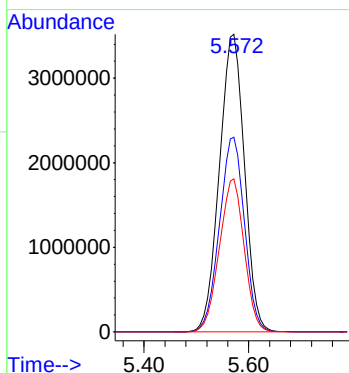
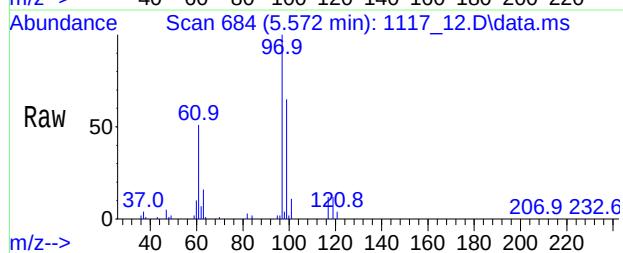
Tgt Ion:	57	Resp:	123808
Ion Ratio	Lower	Upper	
57	100		
43	88.7	75.4	113.0
41	128.1	87.3	130.9





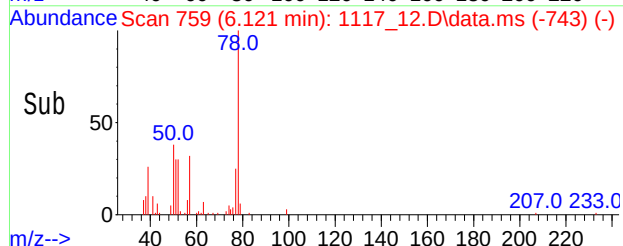
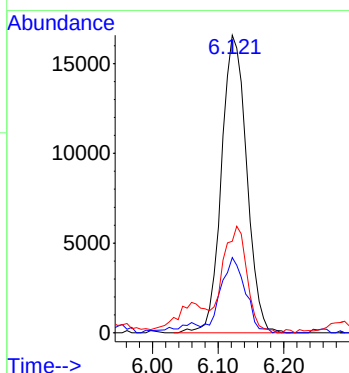
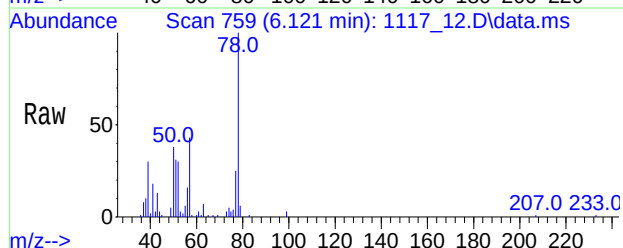
#32
1,1,1-Trichloroethane
Conc: 8\$ 252.509 ppbv
RT: 5.572 min Scan# 684
Delta R.T. -0.022 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

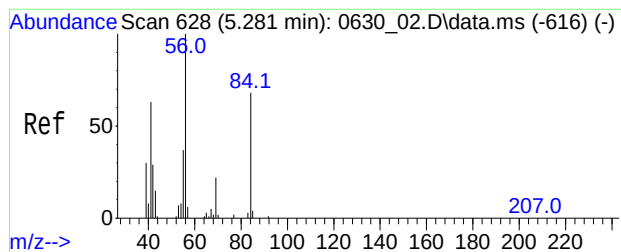
Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	47.7	71.5
61	50.8	40.5	60.7



#33
Benzene
Conc: 8\$ 1.007 ppbv
RT: 6.121 min Scan# 759
Delta R.T. -0.028 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

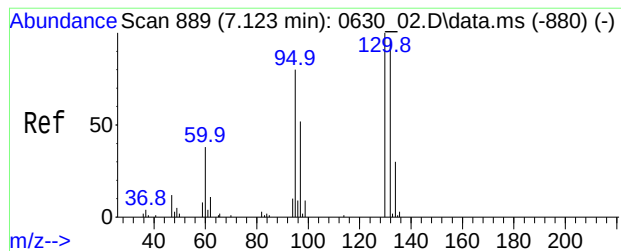
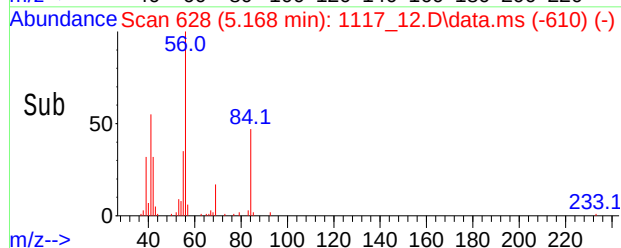
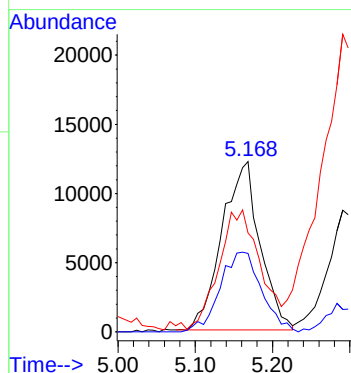
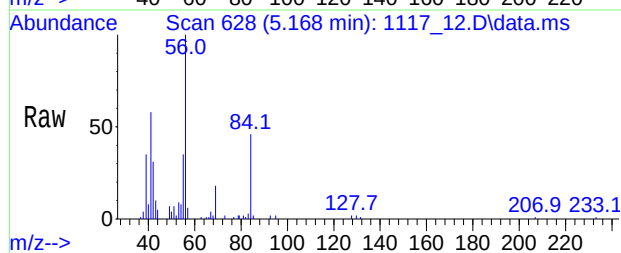
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	22.2	33.2
51	34.6	26.2	39.2





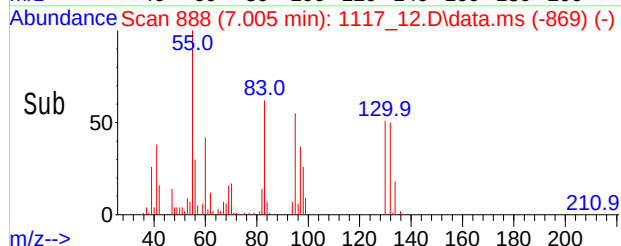
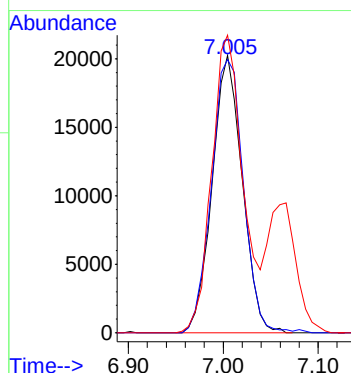
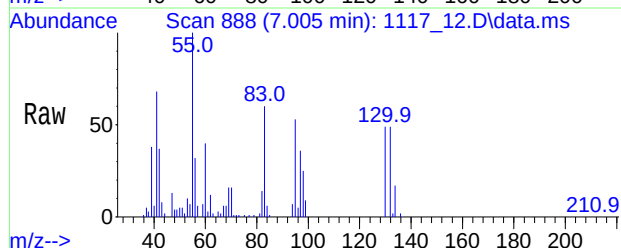
#35
Cyclohexane
Conc: 8\$ 1.413 ppbv
RT: 5.168 min Scan# 628
Delta R.T. -0.022 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

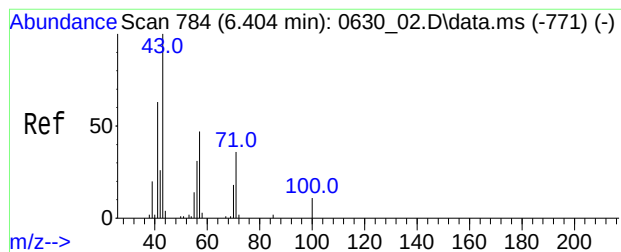
Tgt Ion	Ratio	Lower	Upper
56	100		
84	51.3	40.2	60.4
41	75.9	57.8	86.6



#39
Trichloroethene
Conc: 8\$ 1.816 ppbv
RT: 7.005 min Scan# 888
Delta R.T. -0.020 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

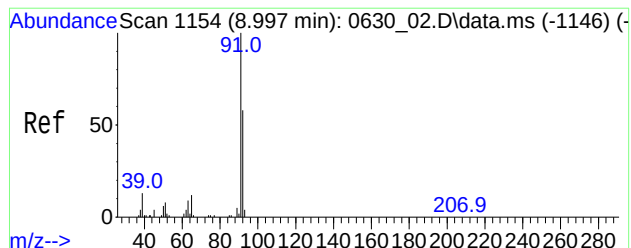
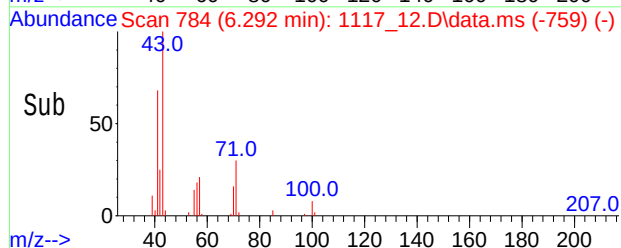
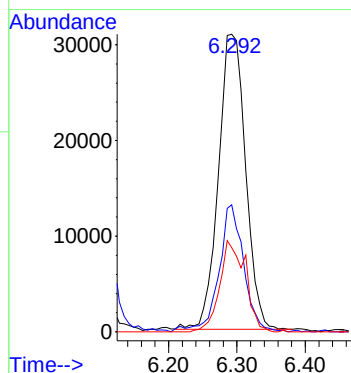
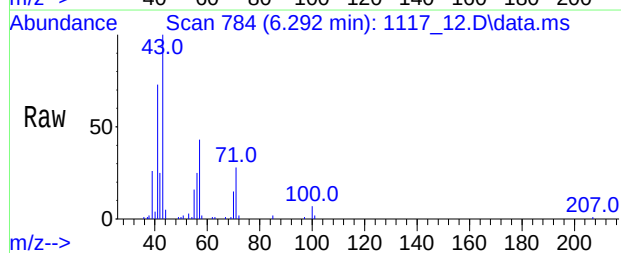
Tgt Ion	Ratio	Lower	Upper
130	100		
132	104.9	83.8	125.8
95	111.4	84.6	126.8





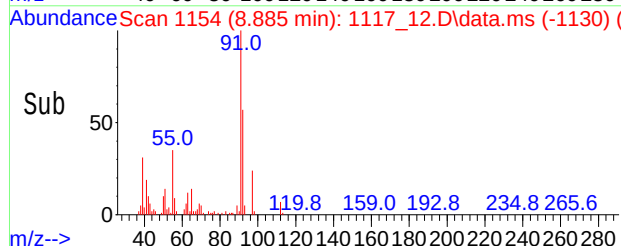
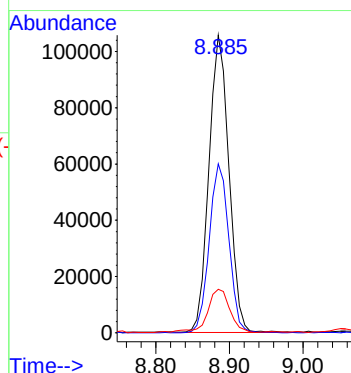
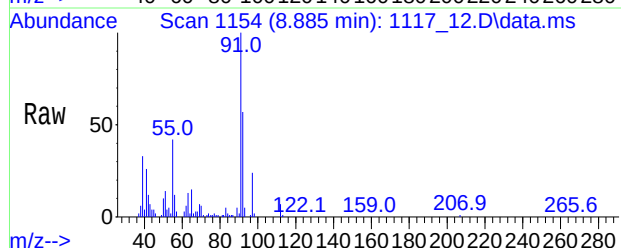
#43
Heptane
Conc: 8\$ 2.002 ppbv
RT: 6.292 min Scan# 784
Delta R.T. -0.028 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

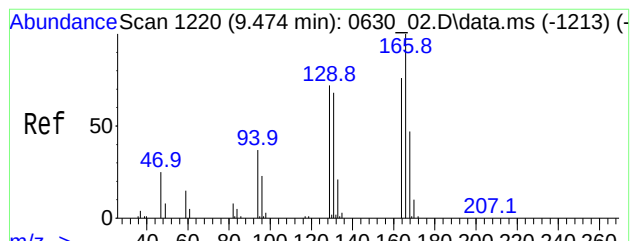
Tgt Ion	Ratio	Lower	Upper
43	100		
57	38.9	31.8	47.6
71	29.4	22.1	33.1



#48
Toluene
Conc: 8\$ 3.757 ppbv
RT: 8.885 min Scan# 1154
Delta R.T. -0.029 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

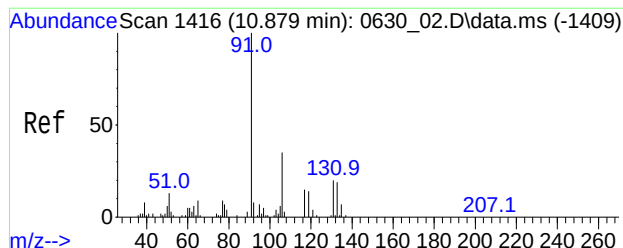
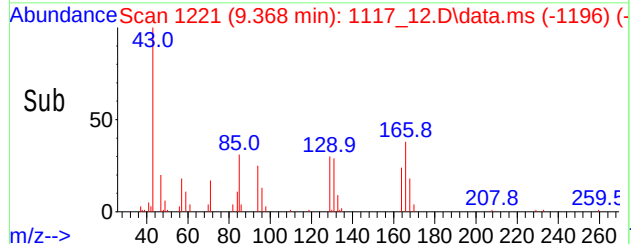
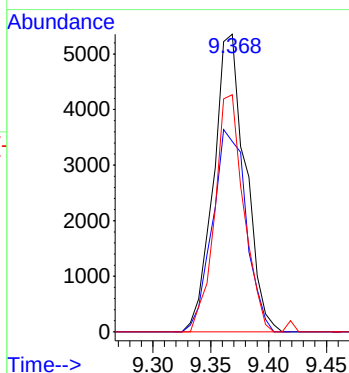
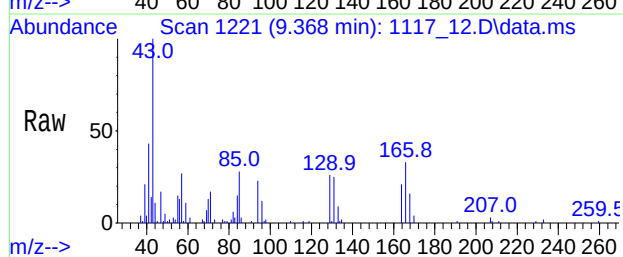
Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.9	50.2	75.2
65	16.3	11.5	17.3





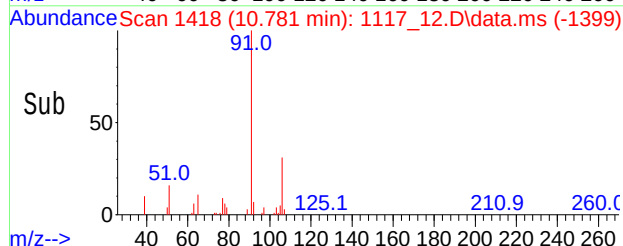
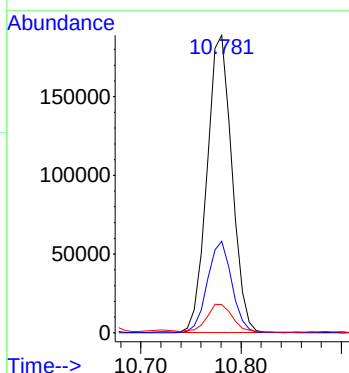
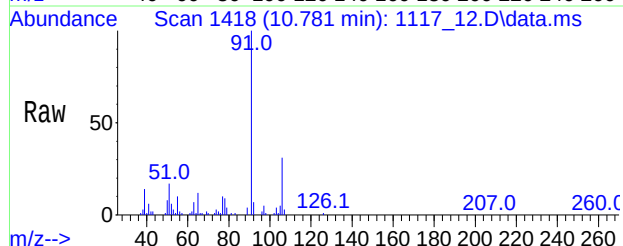
#52
Tetrachloroethene
Conc: 8\$ 0.307 ppbv
RT: 9.368 min Scan# 1221
Delta R.T. -0.022 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

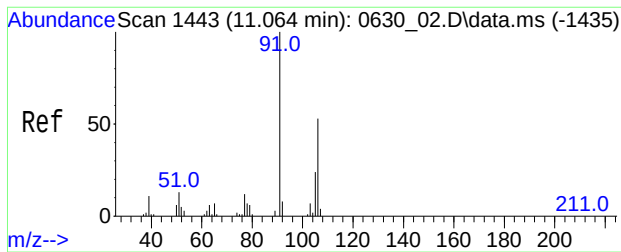
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	10240		
164	71.6	61.7	92.5	
129	72.1	57.0	85.6	



#56
Ethylbenzene
Conc: 8\$ 4.183 ppbv
RT: 10.781 min Scan# 1418
Delta R.T. -0.020 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

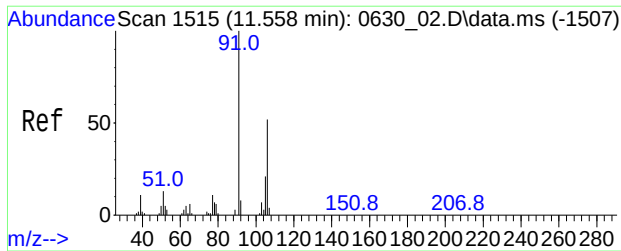
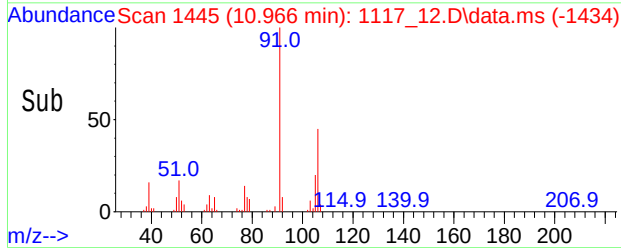
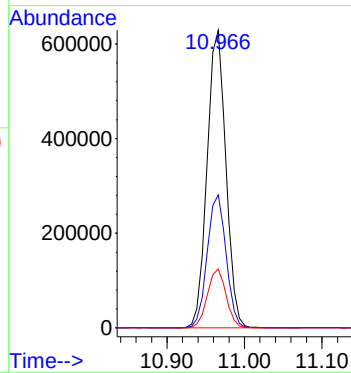
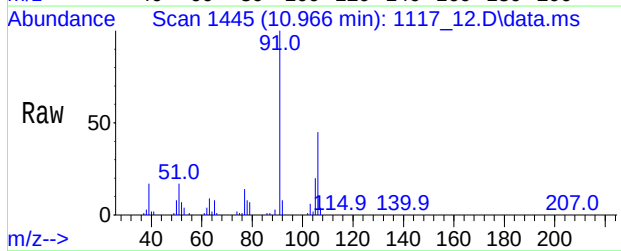
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	325187		
106	30.3	6.9	46.9	
77	9.9	0.0	29.7	





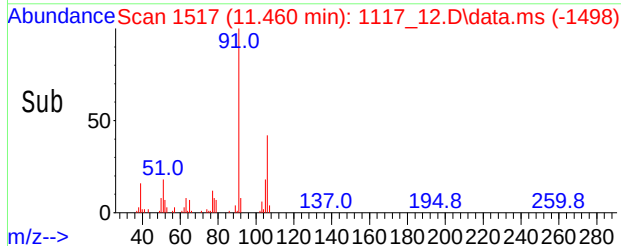
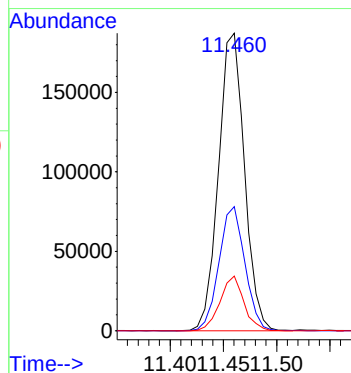
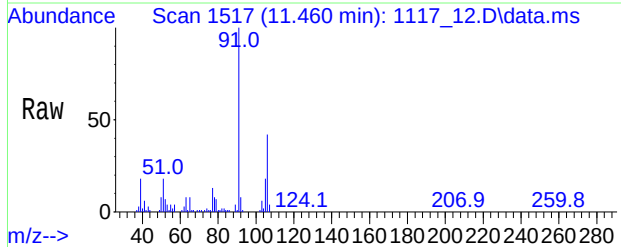
#57
m,p-Xylene
Conc: 8\$ 17.668 ppbv
RT: 10.966 min Scan# 1445
Delta R.T. -0.027 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

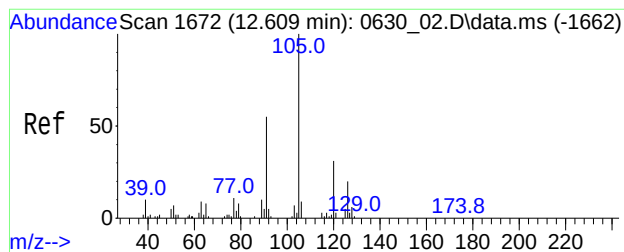
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1056457		
106	45.0		34.8	52.2
105	19.7		16.6	25.0



#61
o-Xylene
Conc: 8\$ 4.438 ppbv
RT: 11.460 min Scan# 1517
Delta R.T. -0.021 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

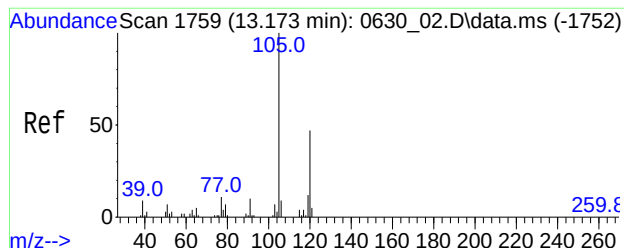
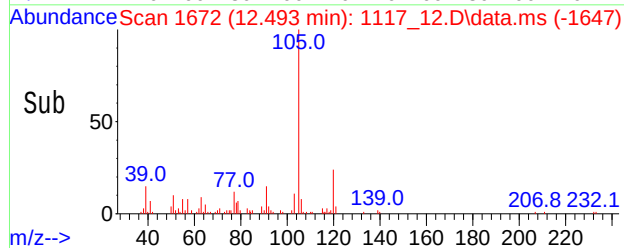
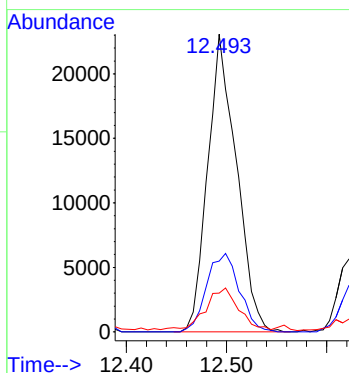
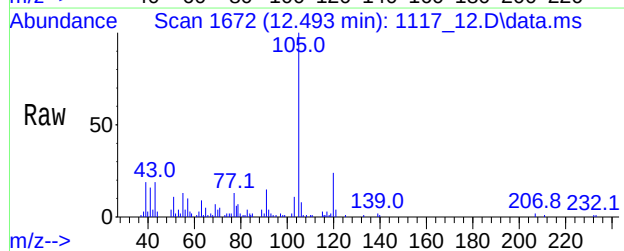
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	318506		
106	41.7		28.7	43.1
105	17.0		11.0	16.4#





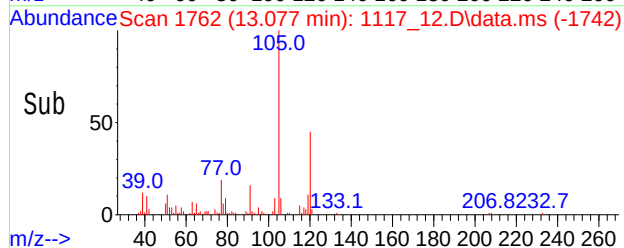
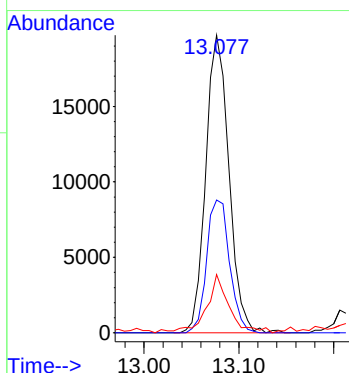
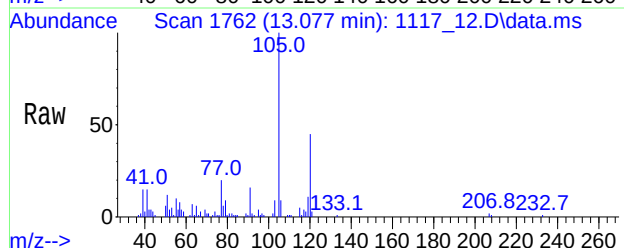
#66
4-Ethyltoluene
Conc: 8\$ 0.530 ppbv
RT: 12.493 min Scan# 1672
Delta R.T. -0.039 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

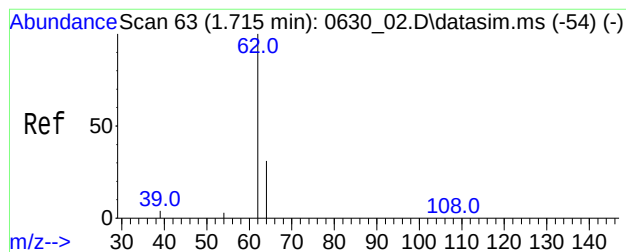
Tgt Ion	105	Resp	45989
Ratio	100	Lower	Upper
120	30.0	24.2	36.2
77	16.6	12.1	18.1



#68
1,2,4-Trimethylbenzene
Conc: 8\$ 0.463 ppbv
RT: 13.077 min Scan# 1762
Delta R.T. -0.019 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

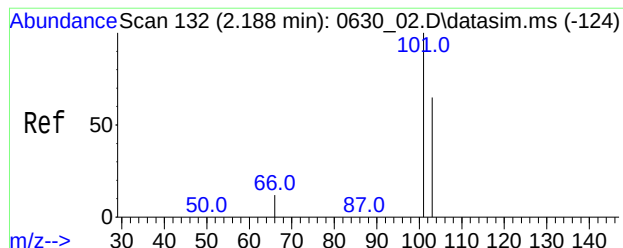
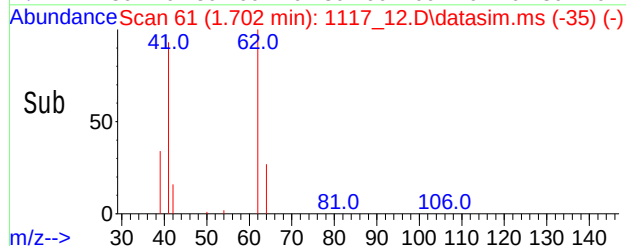
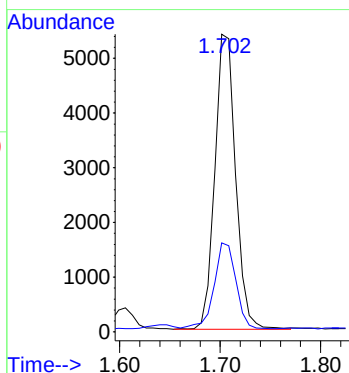
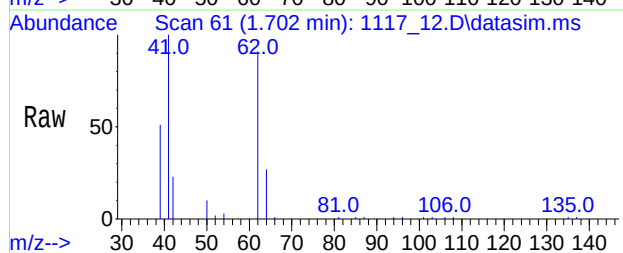
Tgt Ion	105	Resp	33514
Ratio	100	Lower	Upper
120	44.1	35.8	53.6
77	19.2	12.2	18.2#





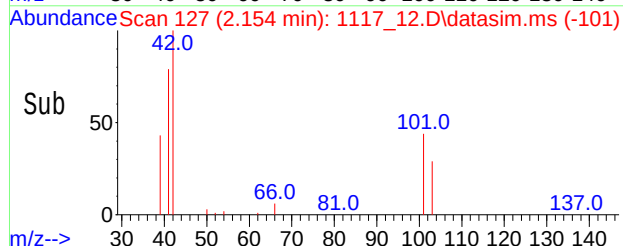
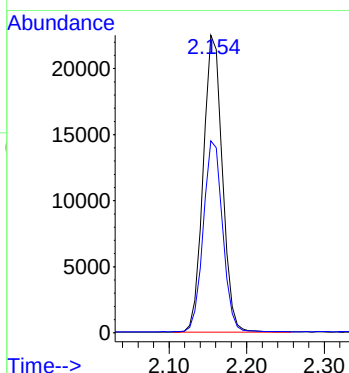
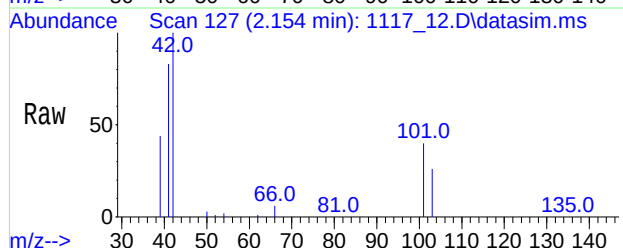
#82
 Vinyl Chloride(sim)
 Conc: 8\$ 0.442 ppbv
 RT: 1.702 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: 1117_12.D
 Acq: 17 Nov 2021 8:43 pm

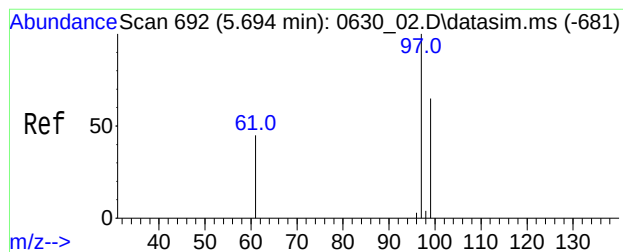
Tgt Ion: 62 Resp: 7764
 Ion Ratio Lower Upper
 62 100
 64 30.4 23.4 35.2



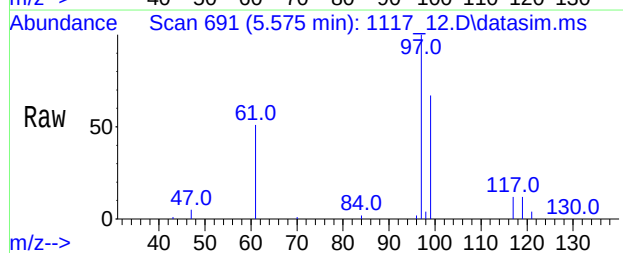
#84
 Trichlorofluoromethane(sim)
 Conc: 8\$ 0.689 ppbv
 RT: 2.154 min Scan# 127
 Delta R.T. -0.020 min
 Lab File: 1117_12.D
 Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 101 Resp: 38404
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.8

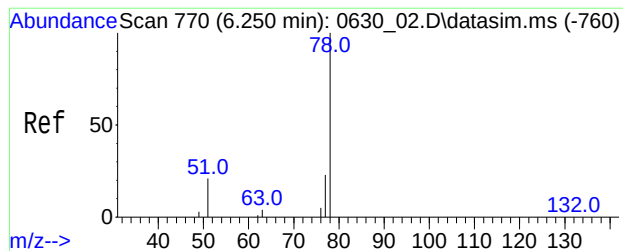
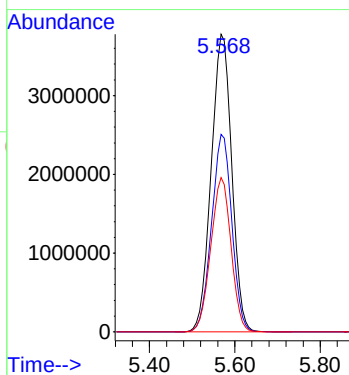
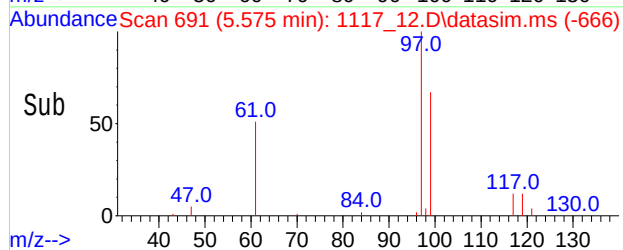




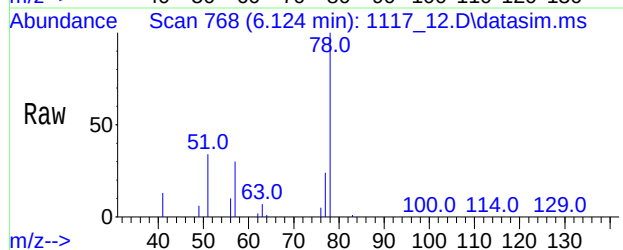
#85
1,1,1-Trichloroethane(sim)
Conc: 8\$ 248.894 ppbv
RT: 5.572 min Scan# 691
Delta R.T. -0.022 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm



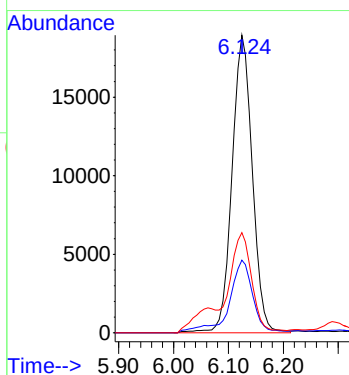
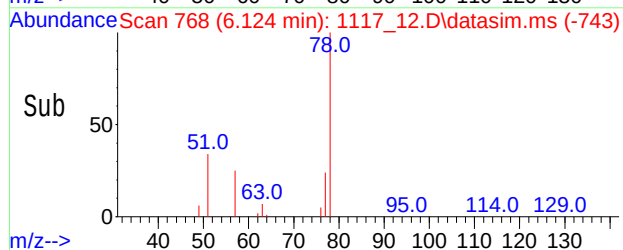
Tgt Ion: 97 Resp: 11687631
Ion Ratio Lower Upper
97 100
99 65.3 59.6 59.6#
61 50.8 40.5 60.7

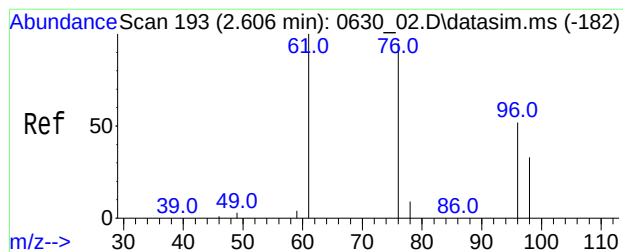


#86
Benzene(sim)
Conc: 8\$ 0.922 ppbv
RT: 6.124 min Scan# 768
Delta R.T. -0.028 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm



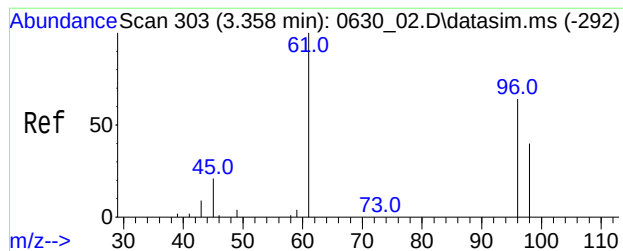
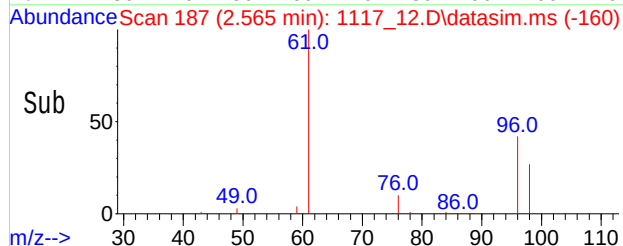
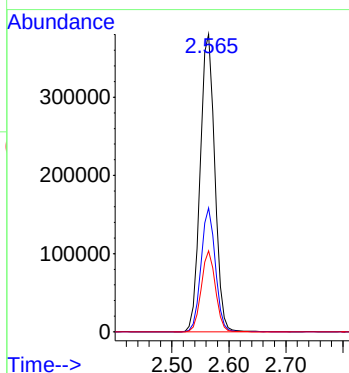
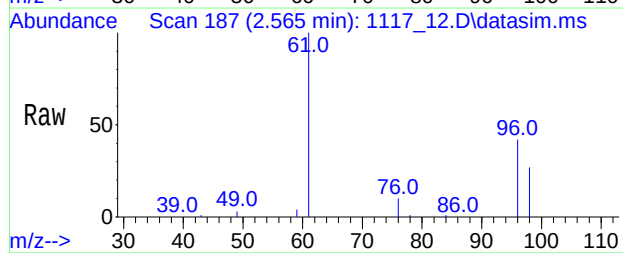
Tgt Ion: 78 Resp: 48851
Ion Ratio Lower Upper
78 100
77 28.4 20.2 30.2
51 33.6 29.7 44.5





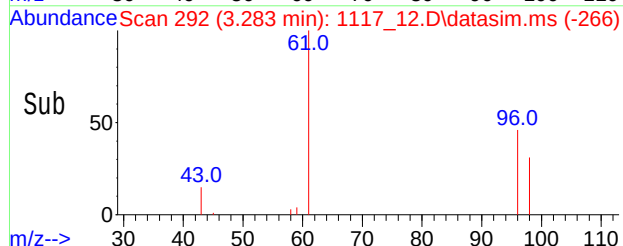
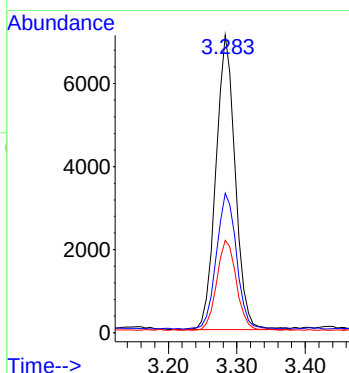
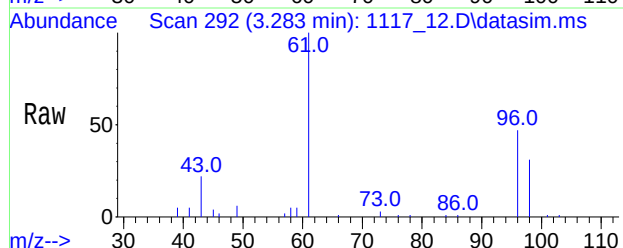
#88
1,1-Dichloroethene(sim)
Conc: 8\$ 19.341 ppbv
RT: 2.565 min Scan# 187
Delta R.T. -0.013 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

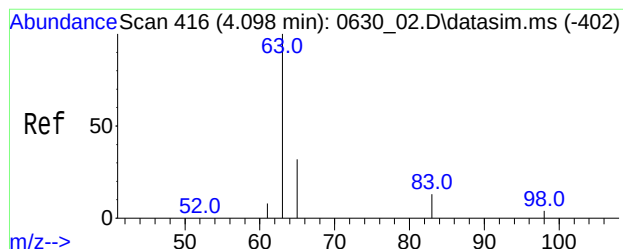
Tgt Ion	Ratio	Resp	Lower	Upper
61	100	673965		
96	40.8		35.8	53.6
98	26.5		22.2	33.2



#90
Trans-1,2-Dichloroethene(sim)
Conc: 8\$ 0.476 ppbv
RT: 3.283 min Scan# 292
Delta R.T. -0.020 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

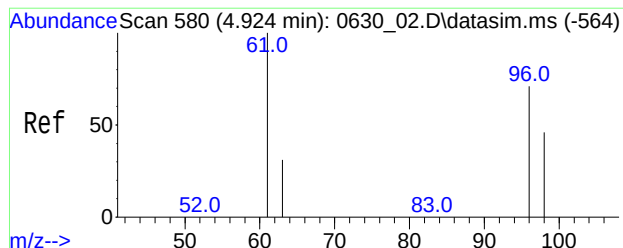
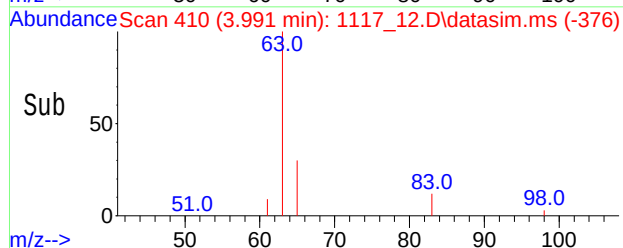
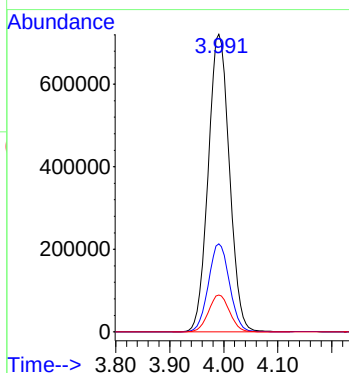
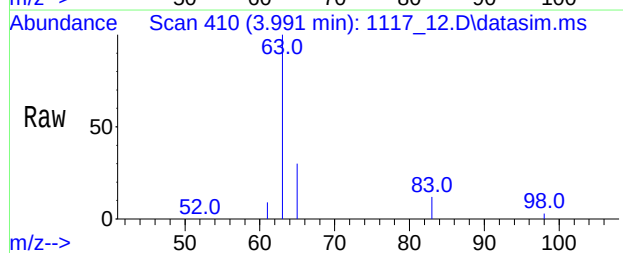
Tgt Ion	Ratio	Resp	Lower	Upper
61	100	13950		
96	48.3		41.1	61.7
98	31.2		25.8	38.6





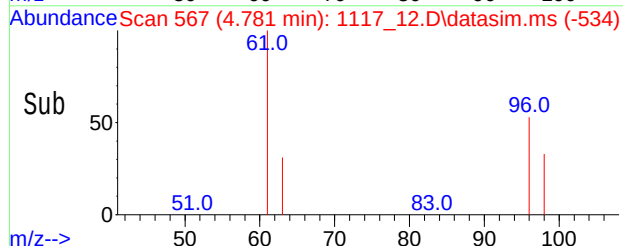
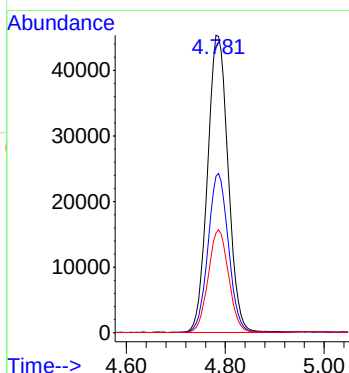
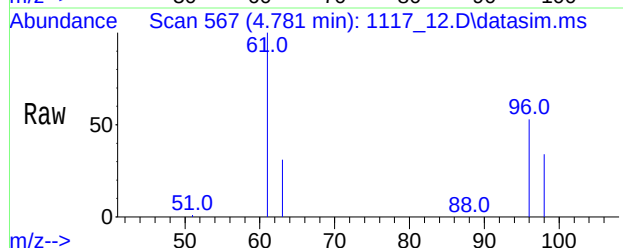
#91
1,1-Dichloroethane(sim)
Conc: 8\$ 55.352 ppbv
RT: 3.993 min Scan# 410
Delta R.T. -0.025 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

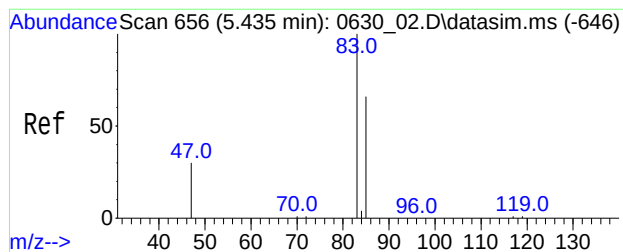
Tgt Ion: 63 Resp: 1797739
Ion Ratio Lower Upper
63 100
65 29.6 25.4 38.2
83 12.5 11.3 16.9



#92
Cis-1,2-Dichloroethene(sim)
Conc: 8\$ 4.769 ppbv
RT: 4.781 min Scan# 567
Delta R.T. -0.035 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

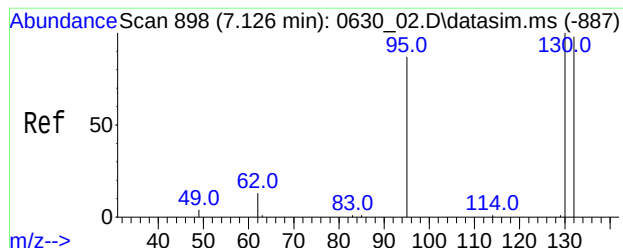
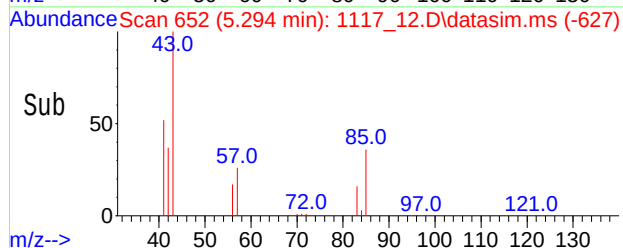
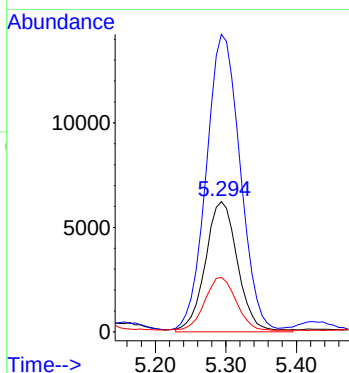
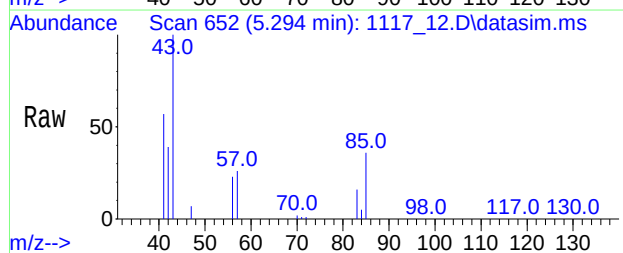
Tgt Ion: 61 Resp: 130922
Ion Ratio Lower Upper
61 100
96 53.1 44.6 66.8
98 34.4 28.8 43.2





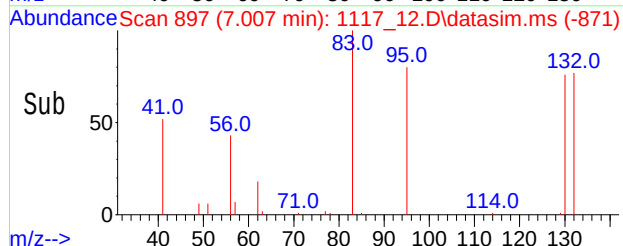
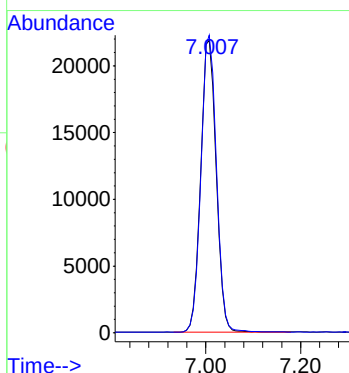
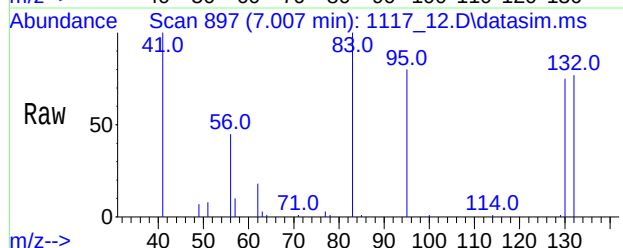
#93
Chloroform(sim)
Conc: 8\$ 0.454 ppbv
RT: 5.291 min Scan# 652
Delta R.T. -0.021 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

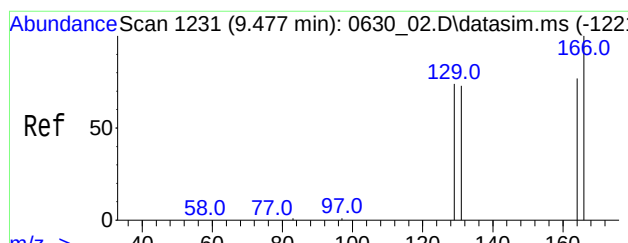
Tgt Ion: 83 Resp: 18329
Ion Ratio Lower Upper
83 100
85 229.2 55.0 82.6#
47 41.2 30.5 45.7



#98
Trichloroethene(sim)
Conc: 8\$ 1.966 ppbv
RT: 7.007 min Scan# 897
Delta R.T. -0.021 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

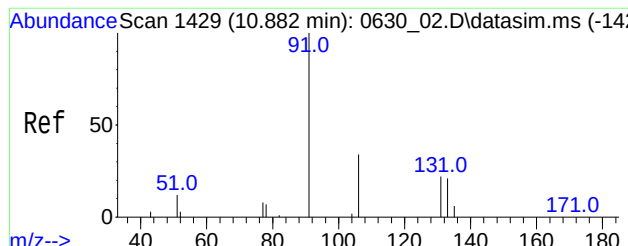
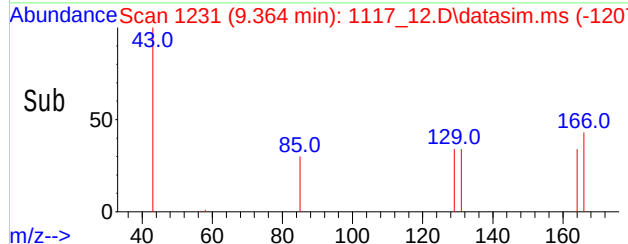
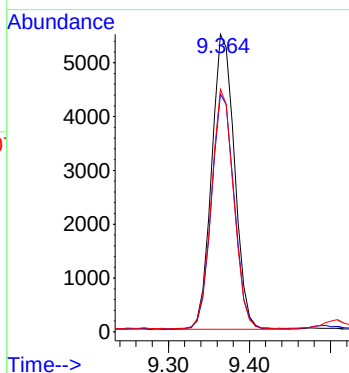
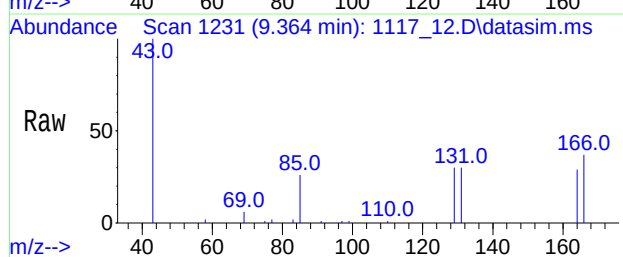
Tgt Ion: 130 Resp: 49574
Ion Ratio Lower Upper
130 100
132 101.6 81.9 122.9





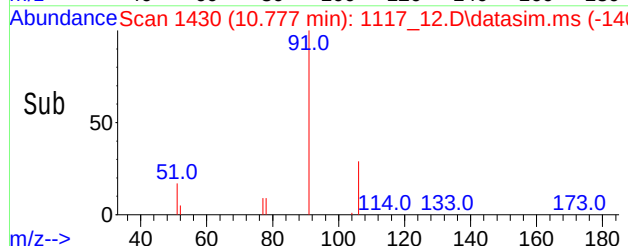
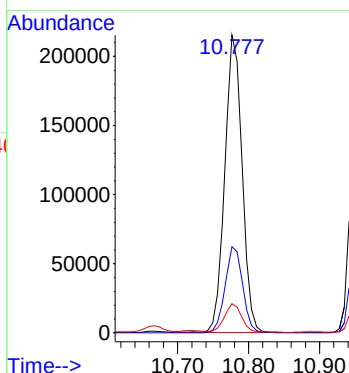
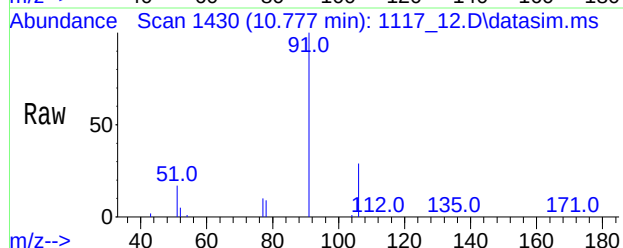
#104
Tetrachloroethene(sim)
Conc: 8\$ 0.320 ppbv
RT: 9.364 min Scan# 1231
Delta R.T. -0.029 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

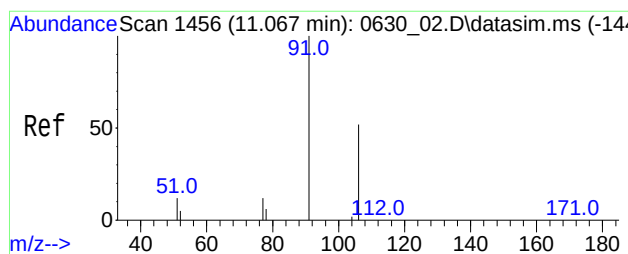
Tgt Ion	166	Resp	10733
Ratio	100	Lower	Upper
164	78.7	57.0	97.0
129	79.3	54.1	94.1



#108
Ethylbenzene(sim)
Conc: 8\$ 4.745 ppb
RT: 10.777 min Scan# 1430
Delta R.T. -0.027 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

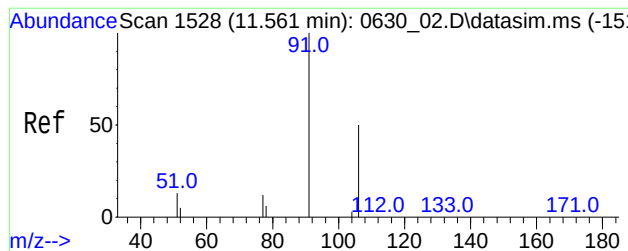
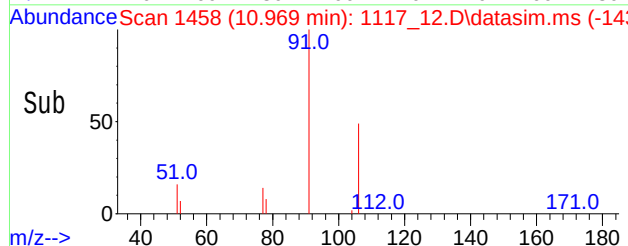
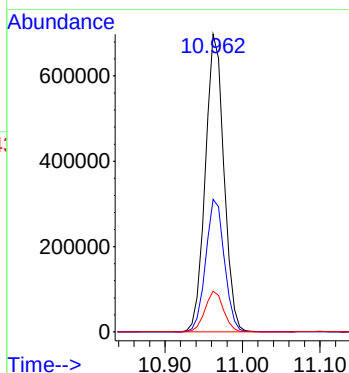
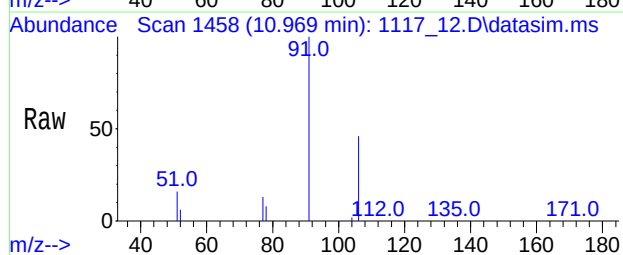
Tgt Ion	91	Resp	363585
Ratio	100	Lower	Upper
106	29.3	23.7	35.5
77	9.7	7.4	11.2





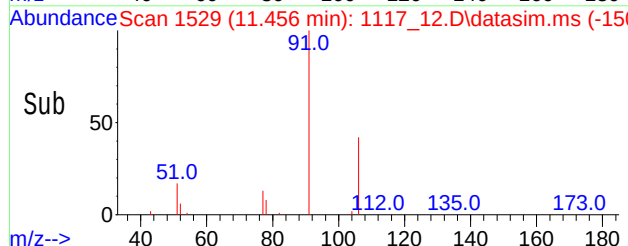
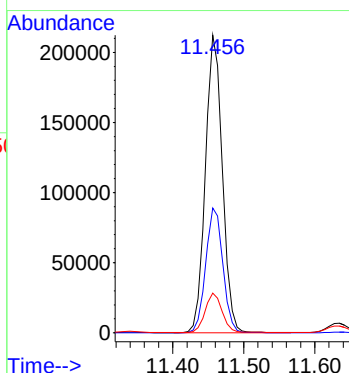
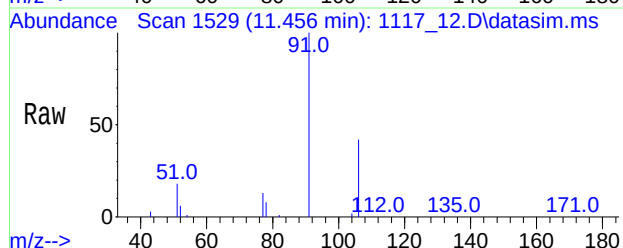
#109
m,p-Xylene(sim)
Conc: 8\$ 17.498 ppbv
RT: 10.966 min Scan# 1458
Delta R.T. -0.027 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 91 Resp: 1056457
Ion Ratio Lower Upper
91 100
106 45.0 39.1 47.9
77 13.8 11.3 16.9



#110
o-Xylene(sim)
Conc: 8\$ 4.813 ppb
RT: 11.456 min Scan# 1529
Delta R.T. -0.028 min
Lab File: 1117_12.D
Acq: 17 Nov 2021 8:43 pm

Tgt Ion: 91 Resp: 350743
Ion Ratio Lower Upper
91 100
106 42.4 29.0 43.6
77 13.5 9.1 13.7



SV-15 100X

Dilution Factor: 100

ppbv

 r

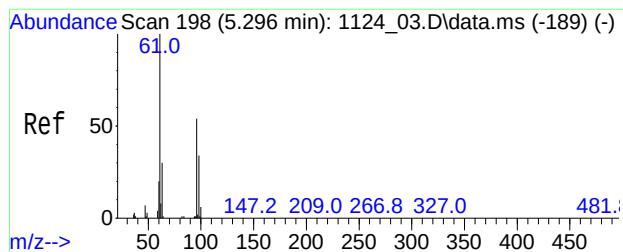
This form 1 and the associated quantitation report are filtered for detected compounds in the undiluted analysis.

Data Path : H:\AIR2021\CHEM20\11NOV\18\
 Data File : 1118_14.D
 Acq On : 18 Nov 2021 2:59 pm
 Operator :
 Client ID : SV-15 100X
 Lab ID : CJ80289 100X
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 11:43:03 2021
 Quant Method : H:\AIR2021\CHEM20\Methods\20_AIR_1115.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Tue Nov 16 09:53:08 2021
 Response via : Initial Calibration

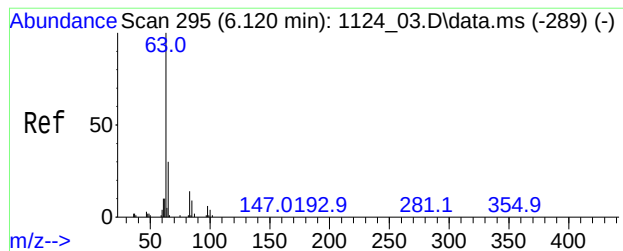
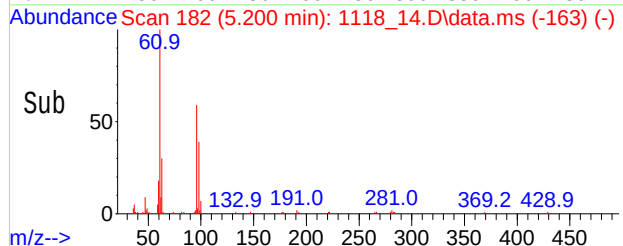
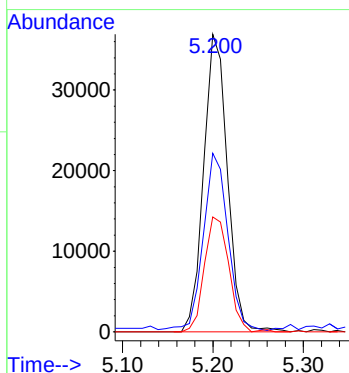
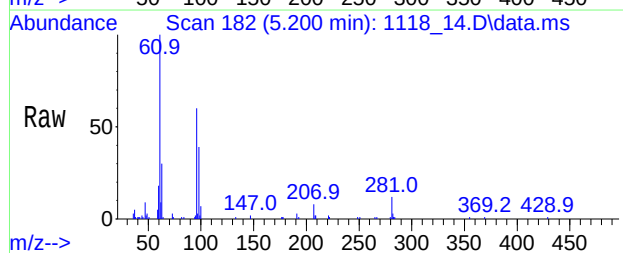
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	6.597	130	504593	10.000	ng	0.00
37) 1,4-Difluorobenzene	7.759	114	1943592	10.000	ng	0.00
54) Chlorobenzene-d5	10.288	82	794259	10.000	ng	0.00
81) Bromochloromethane(sim)	6.603	130	561544m	10.000	ng	0.00
96) 1,4-Difluorobenzene(sim)	7.759	114	1943352	10.000	ng	0.00
106) Chlorobenzene-d5(sim)	10.288	82	794567	10.000	ng	0.00
System Monitoring Compounds						
63) % Bromofluorobenzene	11.149	95	928433	9.782	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.80%	
Target Compounds						
					Qvalue	
11) Ethanol	4.467	45	21332	1.025	ppbv	95
12) Acetone	4.812	43	41850	0.471	ppbv	98
16) 1,1-Dichloroethene	5.200	61	67502	0.873	ppbv	98
23) 1,1-Dichloroethane	5.992	63	212056	2.775	ppbv	98
27) Cis-1,2-Dichloroethene	6.493	61	13048	0.216	ppbv	95
33) 1,1,1-Trichloroethane	7.274	97	1496170	12.722	ppbv	99
40) Trichloroethene	8.193	130	8877	0.116	ppbv	97
57) Ethylbenzene	10.524	91	47413	0.238	ppbv	97
58) m,p-Xylene	10.616	91	146213	0.973	ppbv	97
62) o-Xylene	10.882	91	46527	0.282	ppbv	93
87) 1,1,1-Trichloroethane(...	7.280	97	1610925	12.213	ppbv#	99
90) 1,1-Dichloroethene(sim)	5.200	61	67502	0.840	ppbv	96
93) 1,1-Dichloroethane(sim)	5.990	63	236745	2.673	ppbv	100
94) Cis-1,2-Dichloroethene...	6.493	61	13048	0.207	ppbv	95
99) Trichloroethene(sim)	8.199	130	9524	0.102	ppbv	98
108) m,p-Xylene(sim)	10.616	91	147945	0.839	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



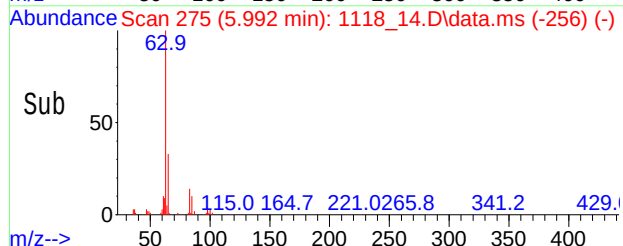
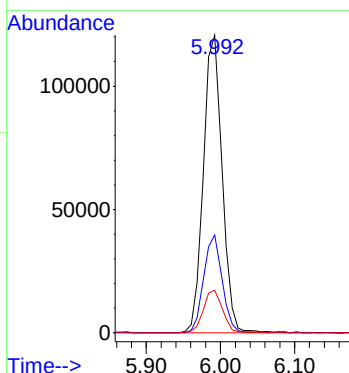
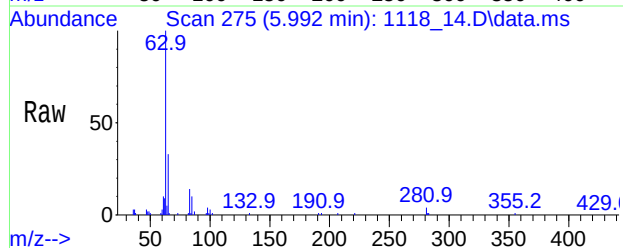
#16
1,1-Dichloroethene
Conc: 8\$ 0.873 ppbv
RT: 5.200 min Scan# 182
Delta R.T. -0.000 min
Lab File: 1118_14.D
Acq: 18 Nov 2021 2:59 pm

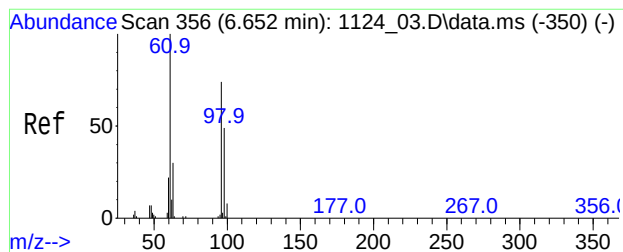
Tgt Ion	Ratio	Lower	Upper
61	100		
96	61.4	49.9	74.9
98	39.5	33.8	50.6



#23
1,1-Dichloroethane
Conc: 8\$ 2.775 ppbv
RT: 5.992 min Scan# 275
Delta R.T. 0.000 min
Lab File: 1118_14.D
Acq: 18 Nov 2021 2:59 pm

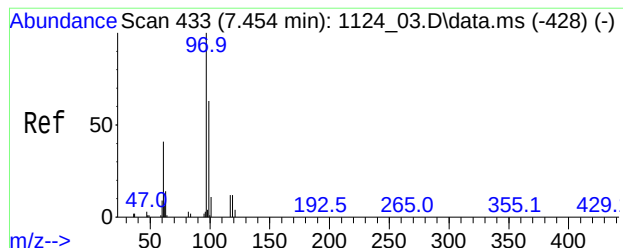
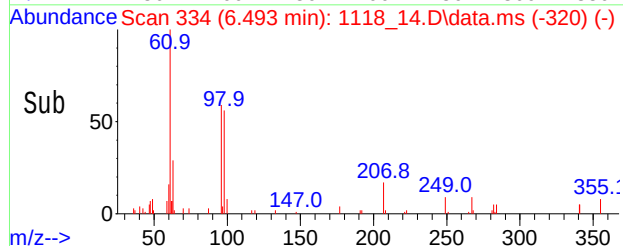
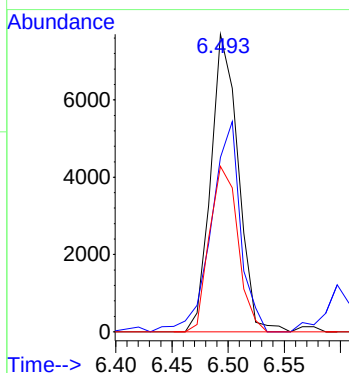
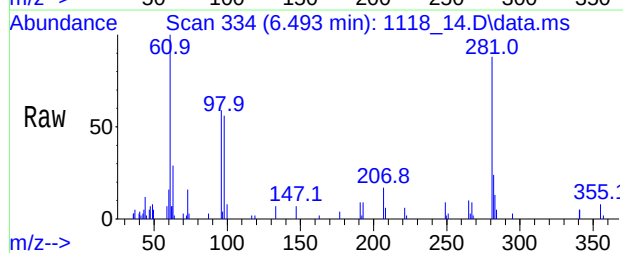
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.5	13.3	53.3
83	14.6	0.0	33.7





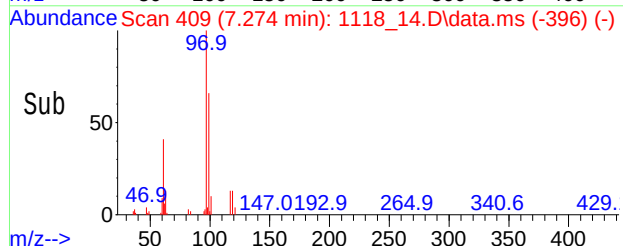
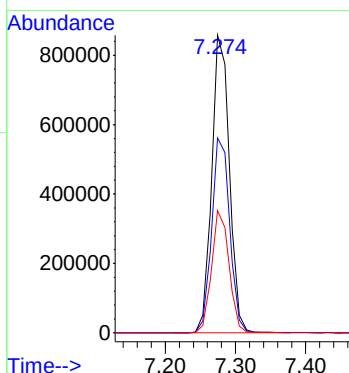
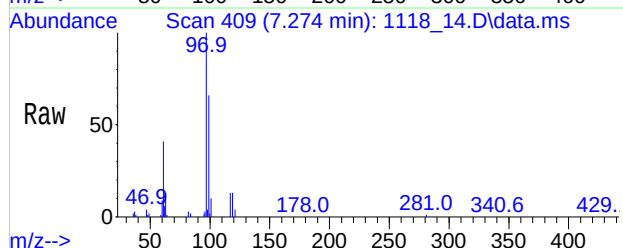
#27
 Cis-1,2-Dichloroethene
 Conc: 8\$ 0.216 ppbv
 RT: 6.493 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: 1118_14.D
 Acq: 18 Nov 2021 2:59 pm

Tgt Ion:	61	Resp:	13048
Ion Ratio	Lower	Upper	
61	100		
96	82.5	68.7	103.1
98	57.6	41.9	62.9



#33
 1,1,1-Trichloroethane
 Conc: 8\$ 12.722 ppbv
 RT: 7.274 min Scan# 409
 Delta R.T. -0.011 min
 Lab File: 1118_14.D
 Acq: 18 Nov 2021 2:59 pm

Tgt Ion:	97	Resp:	1496170
Ion Ratio	Lower	Upper	
97	100		
99	66.8	52.8	79.2
61	40.6	33.3	49.9



1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>	SV-16 5X
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80290 5X</u>	
Canister:	<u>21365</u>	Lab File ID:	<u>1117_13.D</u>	
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>	Date Received:
				<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	49.1		2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	84.6	S	2.66	2.66	r
67-64-1	Acetone	60.6	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	1.25		0.891	0.891	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-35-4	1,1-Dichloroethene	17.7		0.252	0.252	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	11.2		1.61	1.61	r
75-34-3	1,1-Dichloroethane	121		1.24	1.24	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	36.4		1.70	1.70	r
110-54-3	Hexane	73.9	S	1.42	1.42	r
67-66-3	Chloroform	11.7		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
71-55-6	1,1,1-Trichloroethane	1860	E	0.917	0.917	
71-43-2	Benzene	4.88		1.57	1.57	r
110-82-7	Cyclohexane	7.83		1.45	1.45	r
79-01-6	Trichloroethene	82.2		0.186	0.186	r
142-82-5	Heptane	24.7		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	14.3		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	1.05		0.184	0.184	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	40.8		1.15	1.15	r
179601-23-1	m,p-Xylene	164		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	39.4		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80290 5X</u>
Canister:	<u>21365</u>	Lab File ID:	<u>1117_13.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/17/21</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
622-96-8	4-Ethyltoluene	3.82		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.53		1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	3.99		1.02	1.02	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.391	U	0.391	0.391	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.905		0.252	0.252	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
79-34-5	1,1,1,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

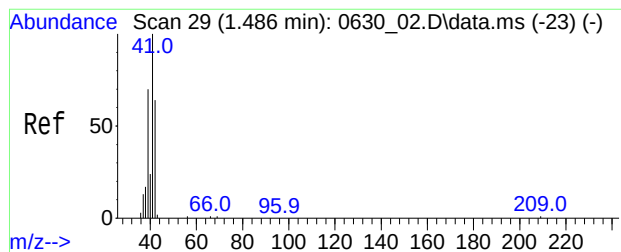
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1117_13.D
 Acq On : 17 Nov 2021 9:17 pm
 Operator : Keith
 Client ID : SV-16 5X
 Lab ID : CJ80290 5X
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Nov 18 09:28:07 2021
 Quant Method : H:\AIR2021\CHEM24\METHODS\24AIR_1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

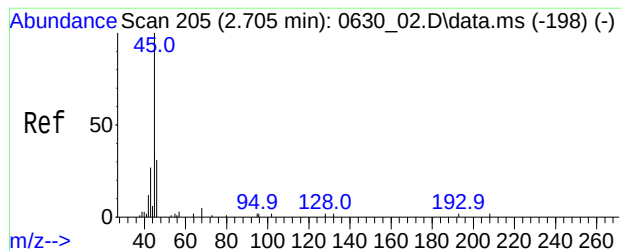
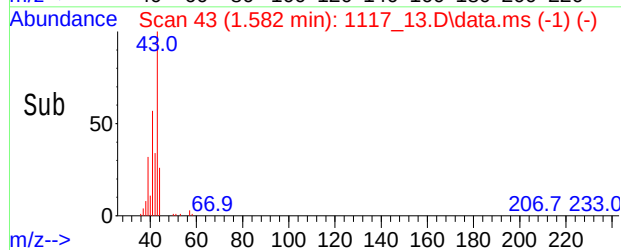
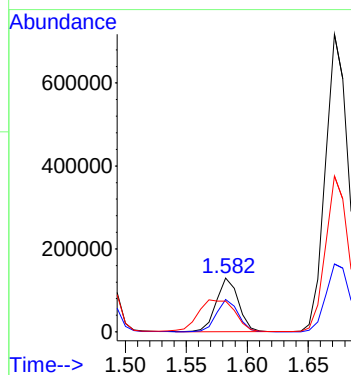
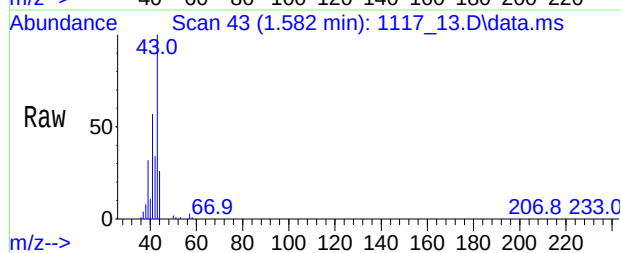
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.082	130	175973	10.000	ng	-0.04
36) 1,4-Difluorobenzene	7.059	114	601290	10.000	ng	-0.02
53) Chlorobenzene-d5	10.671	82	342522	10.000	ng	-0.02
80) Bromochloromethane(sim)	5.092	130	180077	10.000	ng	#-0.03
95) 1,4-Difluorobenzene(sim)	7.059	114	601290	10.000	ng	-0.02
105) Chlorobenzene-d5(sim)	10.671	82	342522	10.000	ng	-0.02
System Monitoring Compounds						
62) % Bromofluorobenzene	12.149	95	485393	10.065	ppbv	-0.01
Spiked Amount	10.000	Range	70 - 130	Recovery	=	100.60%
Target Compounds						
					Qvalue	
2) Propylene	1.582	41	163198	9.821	ppbv	89
10) Ethanol	2.644	45	137368	16.916	ppbv#	94
12) Acetone	3.218	43	528915	12.111	ppbv	95
13) Trichlorofluoromethane	2.158	101	14132	0.250	ppbv#	96
16) 1,1-Dichloroethene	2.562	61	121003	3.536	ppbv#	86
20) Carbon Disulfide	2.575	76	101695	2.241	ppbv#	93
23) 1,1-Dichloroethane	3.993	63	771091	24.254	ppbv	95
25) Methyl Ethyl Ketone	5.853	43	361300	7.271	ppbv#	93
26) Cis-1,2-Dichloroethene	4.778	61	5160	0.185	ppbv#	87
27) Hexane	3.437	57	410975	14.780	ppbv#	87
28) Chloroform	5.291	83	97331	2.342	ppbv#	71
32) 1,1,1-Trichloroethane	5.572	97	17278607	371.311	ppbv	95
33) Benzene	6.128	78	42794	0.976	ppbv	99
35) Cyclohexane	5.161	56	46582	1.565	ppbv	96
39) Trichloroethene	7.005	130	403533	16.447	ppbv	95
43) Heptane	6.293	43	210516	4.946	ppbv	97
48) Toluene	8.892	91	151050	2.859	ppbv#	89
52) Tetrachloroethene	9.369	166	6950	0.209	ppbv	96
56) Ethylbenzene	10.788	91	690206	8.150	ppbv	97
57) m,p-Xylene	10.973	91	2140058	32.855	ppbv	98
61) o-Xylene	11.460	91	615266	7.870	ppbv#	90
66) 4-Ethyltoluene	12.499	105	72166	0.764	ppbv	99
67) 1,3,5-Trimethylbenzene	12.629	105	24124	0.306	ppbv	94
68) 1,2,4-Trimethylbenzene	13.083	105	62769	0.797	ppbv	97
84) Trichlorofluoromethane...	2.161	101	15496	0.273	ppbv	100
85) 1,1,1-Trichloroethane(...	5.572	97	17287473	360.985	ppbv#	95
86) Benzene(sim)	6.131	78	48927	0.905	ppbv	91
88) 1,1-Dichloroethene(sim)	2.565	61	131962	3.713	ppbv	95
91) 1,1-Dichloroethane(sim)	3.993	63	771091	23.280	ppbv	95
92) Cis-1,2-Dichloroethene...	4.786	61	5061	0.181	ppbv	94
93) Chloroform(sim)	5.291	83	97331	2.362	ppbv#	71
98) Trichloroethene(sim)	7.008	130	437111	17.330	ppbv	99
104) Tetrachloroethene(sim)	9.371	166	7702	0.229	ppbv	98
108) Ethylbenzene(sim)	10.784	91	767698	9.198	ppb	100
109) m,p-Xylene(sim)	10.973	91	2139953	32.537	ppbv	98
110) o-Xylene(sim)	11.463	91	680267	8.570	ppb	91

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



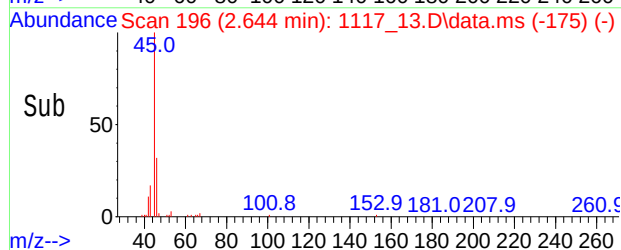
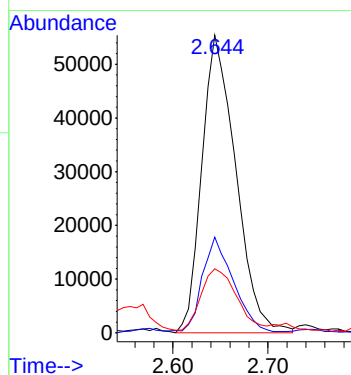
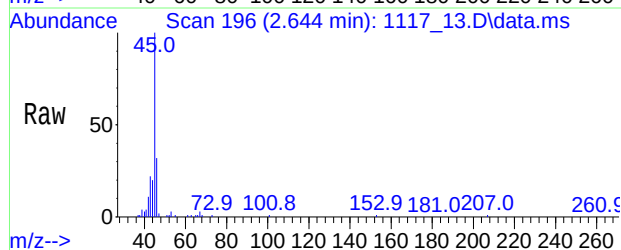
#2
Propylene
Conc: 8\$ 9.821 ppbv
RT: 1.582 min Scan# 43
Delta R.T. 0.089 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

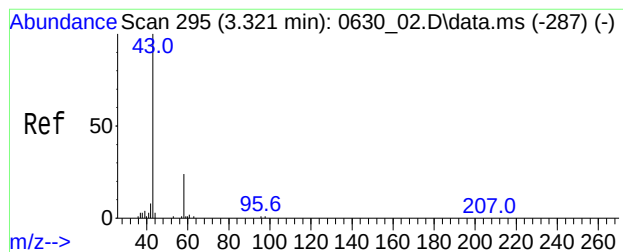
Tgt Ion	Ratio	Lower	Upper
41	100		
42	59.0	58.2	87.4
39	99.6	74.8	112.2



#10
Ethanol
Conc: 8\$ 16.916 ppbv
RT: 2.644 min Scan# 196
Delta R.T. -0.054 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

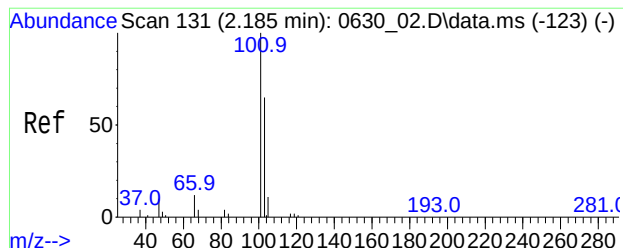
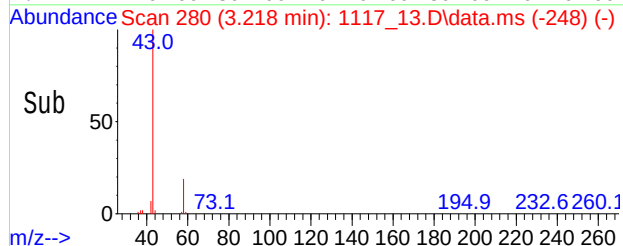
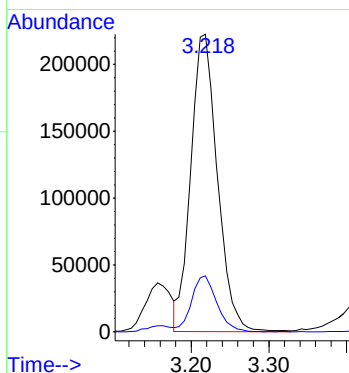
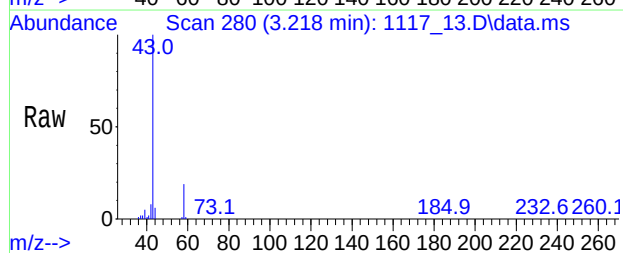
Tgt Ion	Ratio	Lower	Upper
45	100		
46	29.9	23.7	35.5
43	21.5	22.1	33.1#





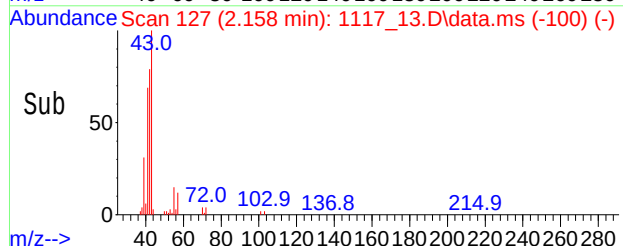
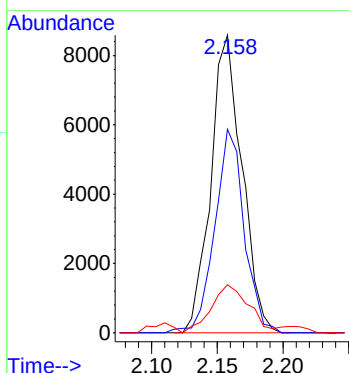
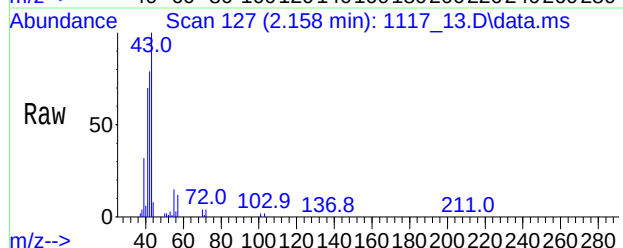
#12
Acetone
Conc: 8\$ 12.111 ppbv
RT: 3.218 min Scan# 280
Delta R.T. -0.082 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

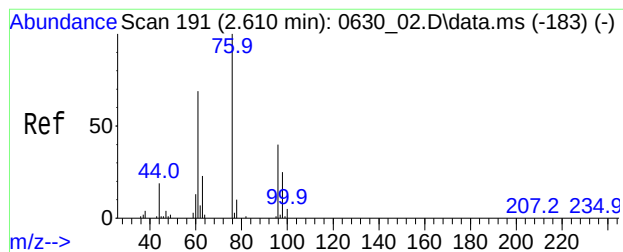
Tgt Ion: 43 Resp: 528915
Ion Ratio Lower Upper
43 100
58 17.9 16.1 24.1



#13
Trichlorofluoromethane
Conc: 8\$ 0.250 ppbv
RT: 2.158 min Scan# 127
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

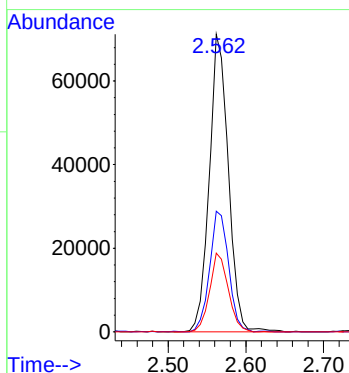
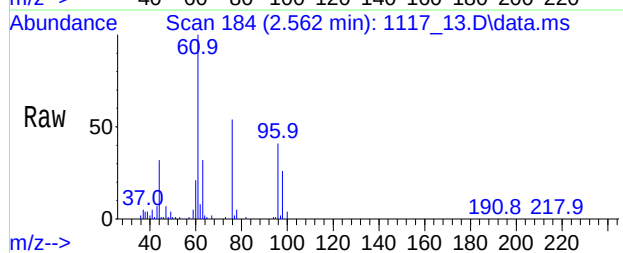
Tgt Ion: 101 Resp: 14132
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2
66 19.3 11.2 16.8#



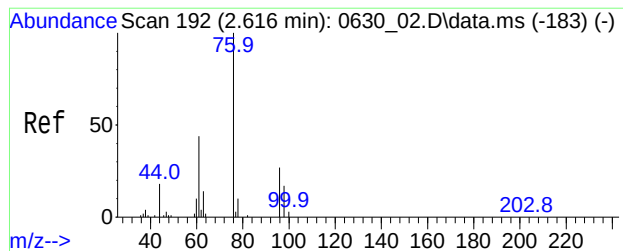
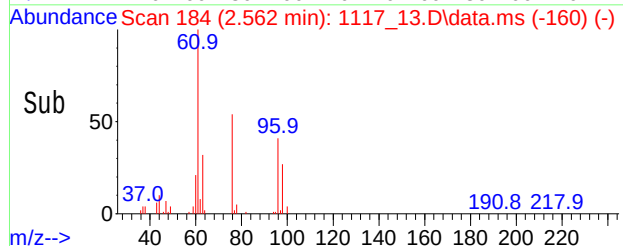


#16
1,1-Dichloroethene
Conc: 8\$ 3.536 ppbv
RT: 2.562 min Scan# 184
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion	Ratio	Resp	Lower	Upper
61	100	121003		
96	40.3	40.9	61.3#	
98	25.8	26.2	39.2#	

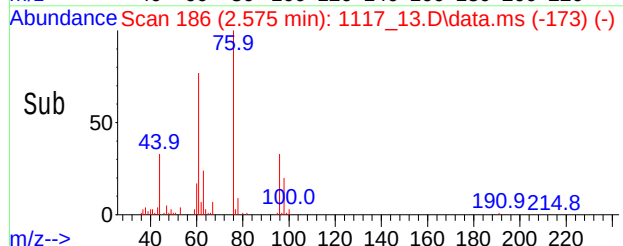
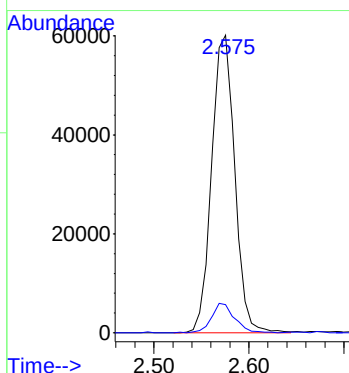
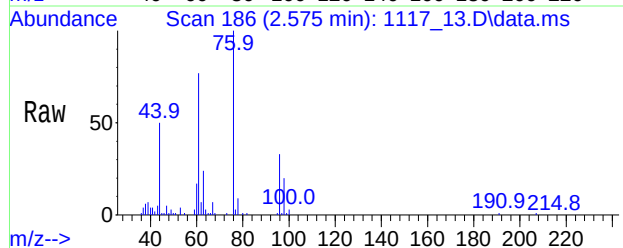


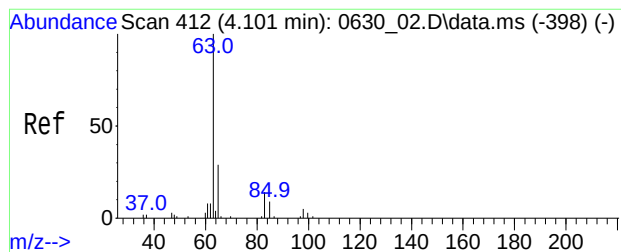
Flag N - subtracted does not resemble the reference.



#20
Carbon Disulfide
Conc: 8\$ 2.241 ppbv
RT: 2.575 min Scan# 186
Delta R.T. -0.014 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

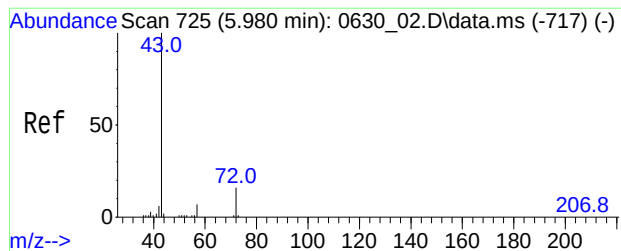
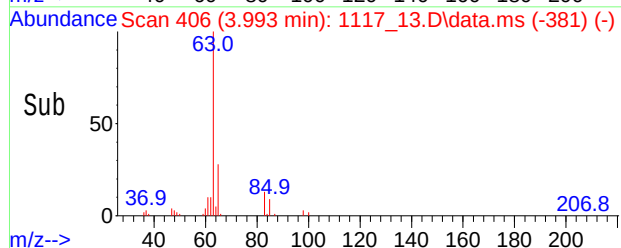
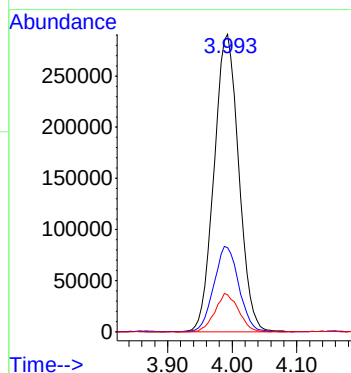
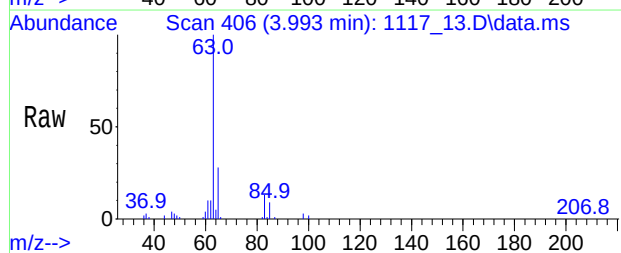
Tgt Ion	Ratio	Resp	Lower	Upper
76	100	101695		
78	10.0	10.3	15.5#	





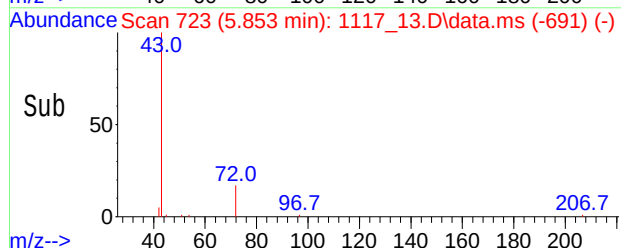
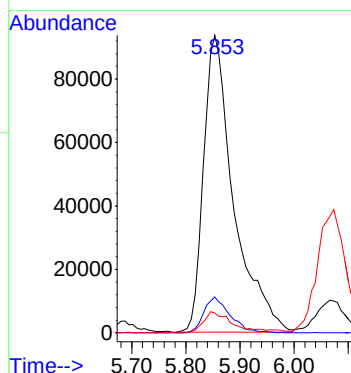
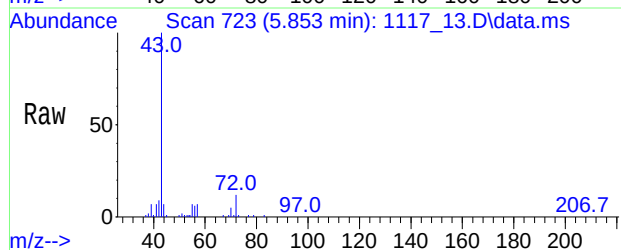
#23
1,1-Dichloroethane
Conc: 8\$ 24.254 ppbv
RT: 3.993 min Scan# 406
Delta R.T. -0.025 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.9	11.8	51.8
83	12.4	0.0	34.1

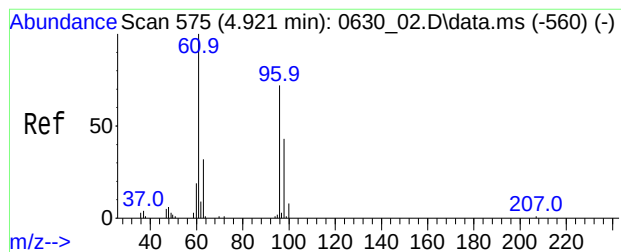


#25
Methyl Ethyl Ketone
Conc: 8\$ 7.271 ppbv
RT: 5.853 min Scan# 723
Delta R.T. -0.072 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
72	10.5	10.6	15.8#
57	6.7	0.0	0.0#

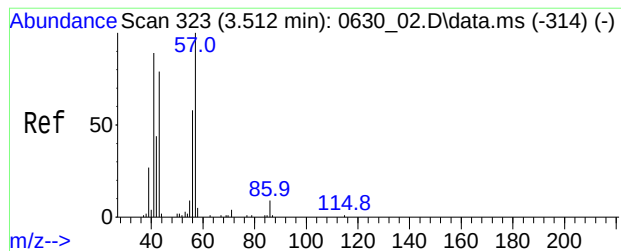
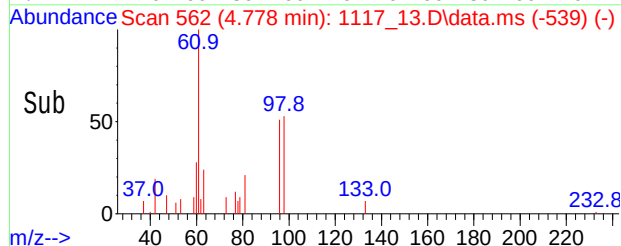
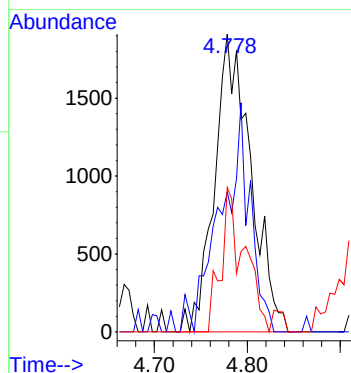
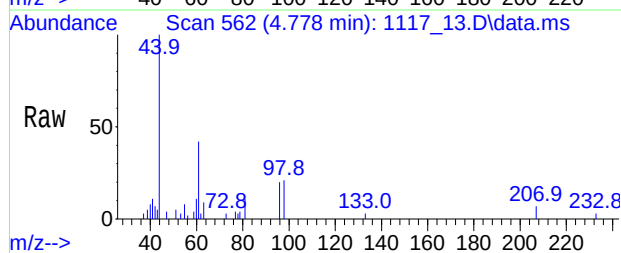


ratios out but spectra generally good.



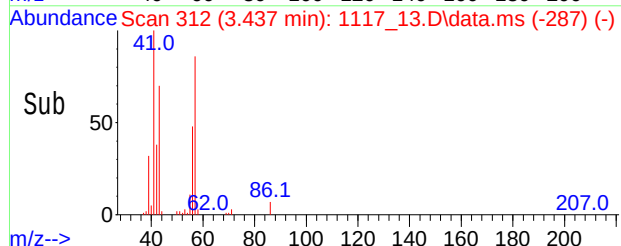
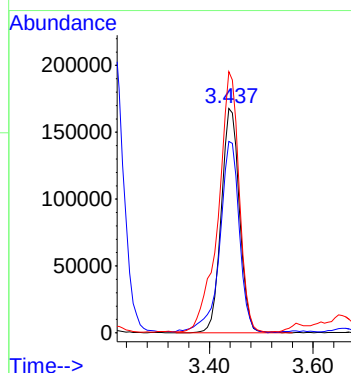
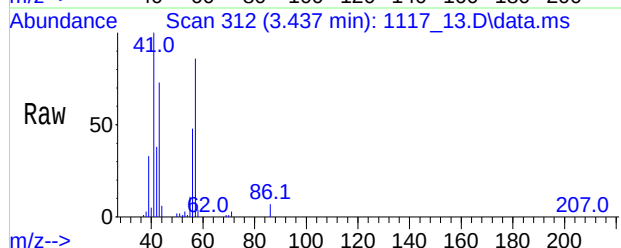
#26
Cis-1,2-Dichloroethene
Conc: 8\$ 0.185 ppbv
RT: 4.778 min Scan# 562
Delta R.T. -0.035 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

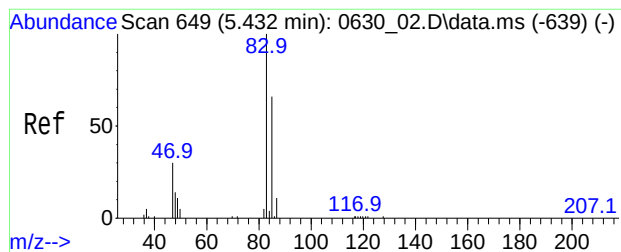
Tgt Ion	Ratio	Lower	Upper
61	100		
96	60.2	45.8	68.6
98	21.8	29.8	44.8#



#27
Hexane
Conc: 8\$ 14.780 ppbv
RT: 3.437 min Scan# 312
Delta R.T. -0.028 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

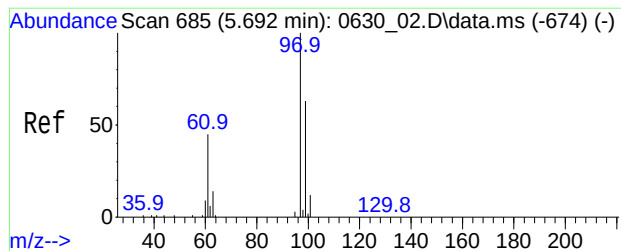
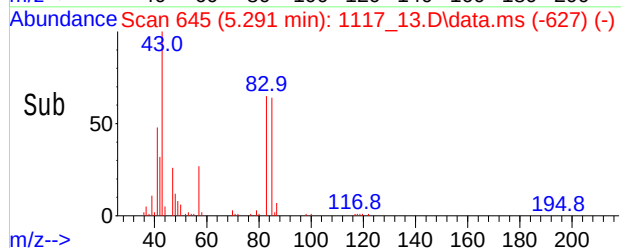
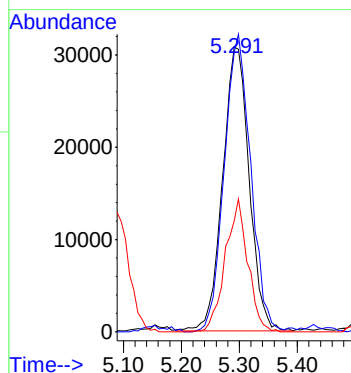
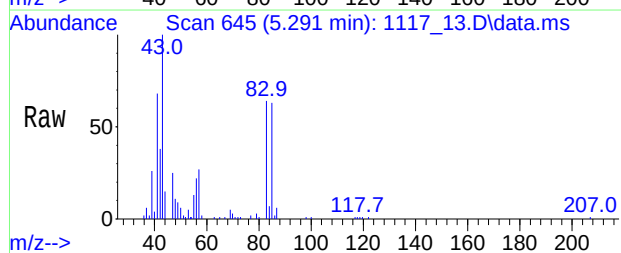
Tgt Ion	Ratio	Lower	Upper
57	100		
43	92.1	75.4	113.0
41	132.6	87.3	130.9#





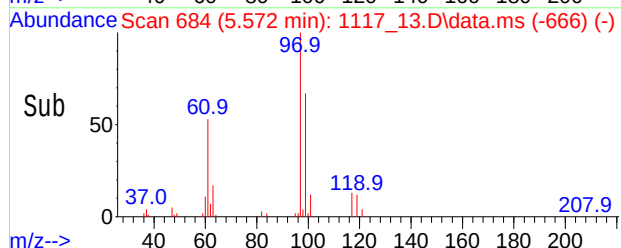
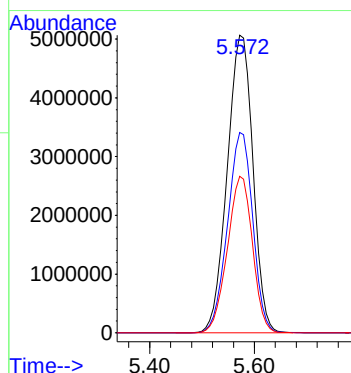
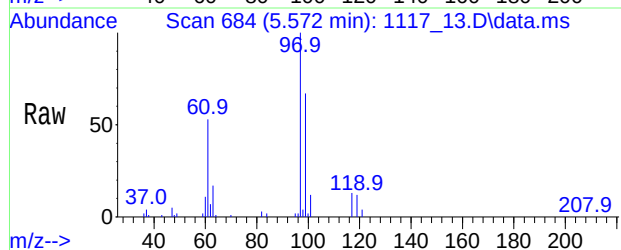
#28
Chloroform
Conc: 8\$ 2.342 ppbv
RT: 5.291 min Scan# 645
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

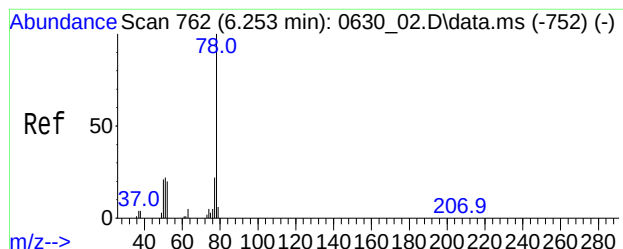
Tgt Ion	Ratio	Lower	Upper
83	100		
85	104.3	48.5	88.5#
47	39.8	18.0	58.0



#32
1,1,1-Trichloroethane
Conc: 8\$ 371.311 ppbv
RT: 5.572 min Scan# 684
Delta R.T. -0.022 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

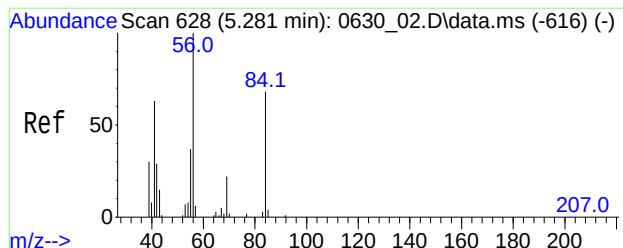
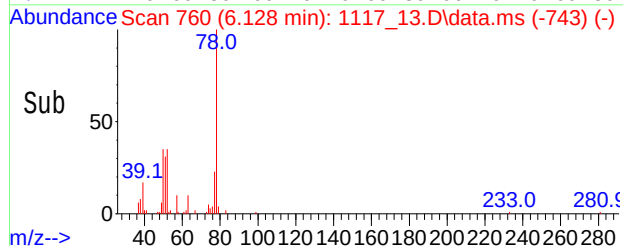
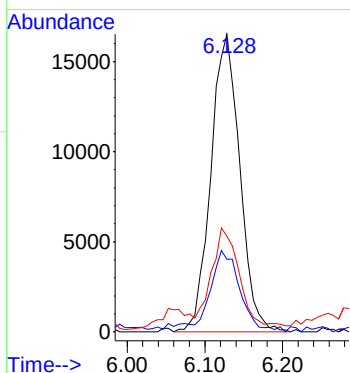
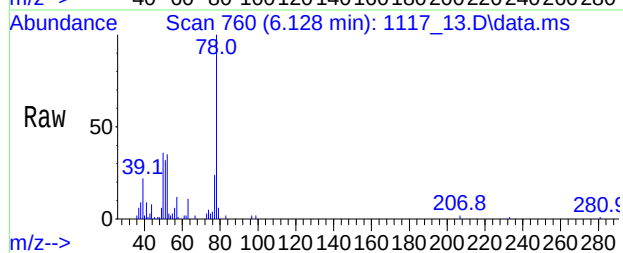
Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	47.7	71.5
61	51.3	40.5	60.7





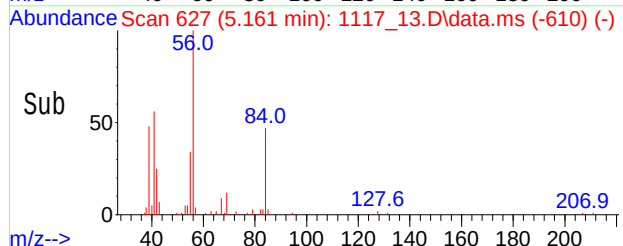
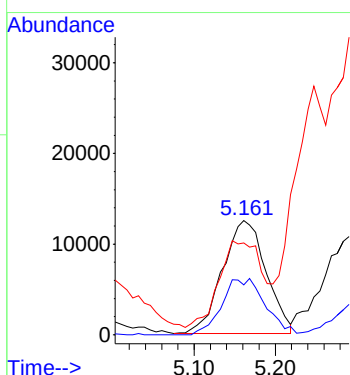
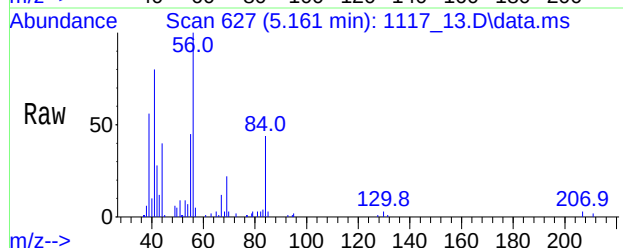
#33
Benzene
Conc: 8\$ 0.976 ppbv
RT: 6.128 min Scan# 760
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

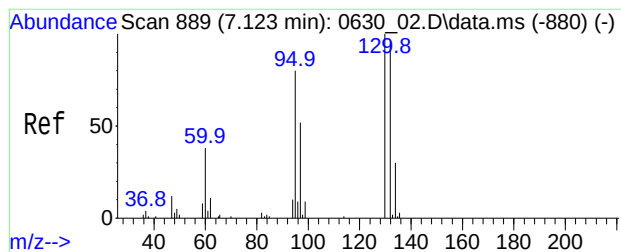
Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.0	22.2	33.2
51	31.5	26.2	39.2



#35
Cyclohexane
Conc: 8\$ 1.565 ppbv
RT: 5.161 min Scan# 627
Delta R.T. -0.029 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

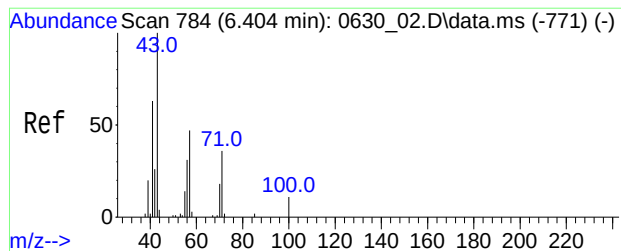
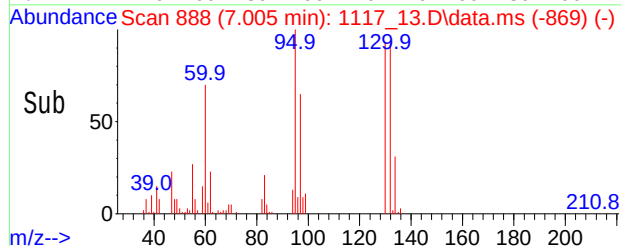
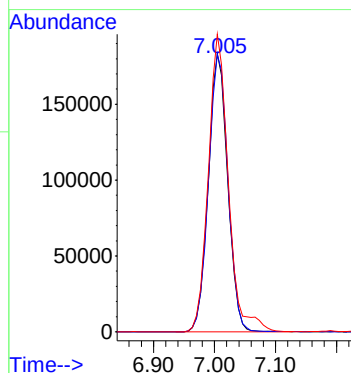
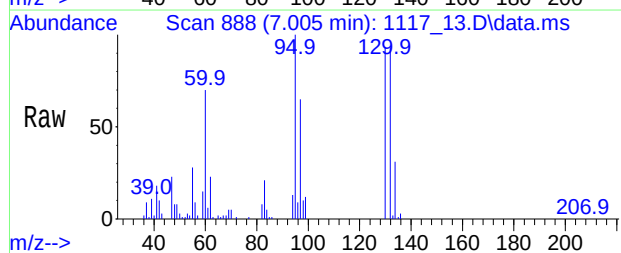
Tgt Ion	Ratio	Lower	Upper
56	100		
84	49.3	40.2	60.4
41	76.5	57.8	86.6





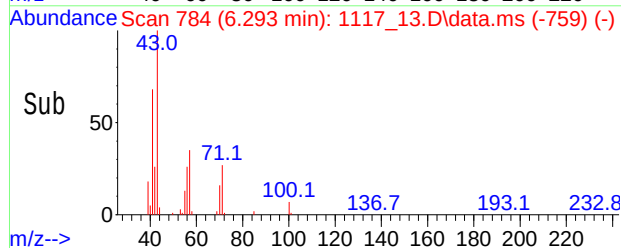
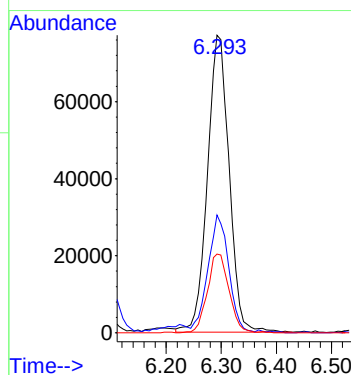
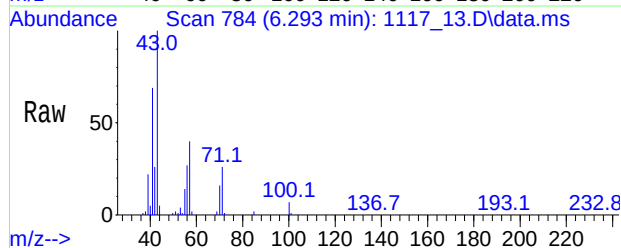
#39
Trichloroethene
Conc: 8\$ 16.447 ppbv
RT: 7.005 min Scan# 888
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

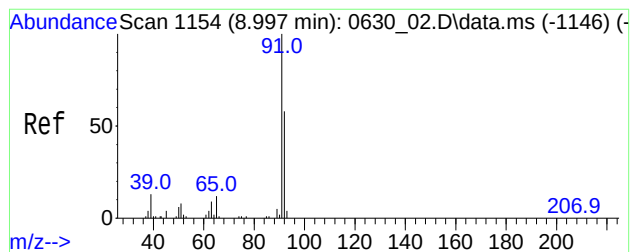
Tgt Ion	Ratio	Resp	Lower	Upper
130	100	403533		
132	100.2	83.8	125.8	
95	111.0	84.6	126.8	



#43
Heptane
Conc: 8\$ 4.946 ppbv
RT: 6.293 min Scan# 784
Delta R.T. -0.027 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

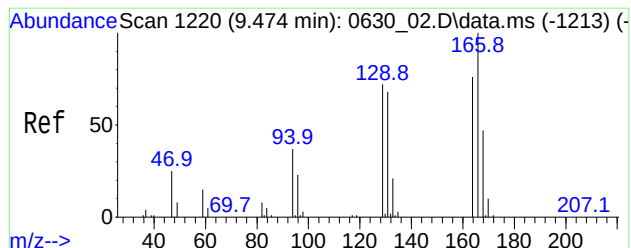
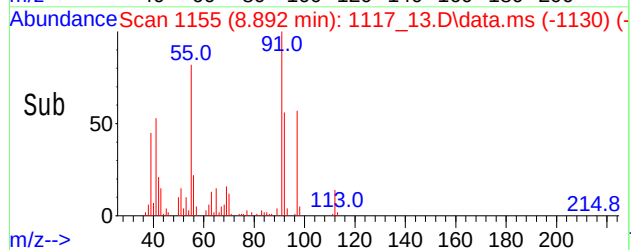
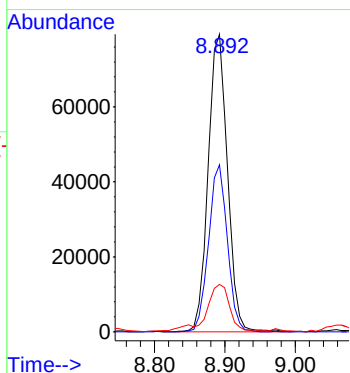
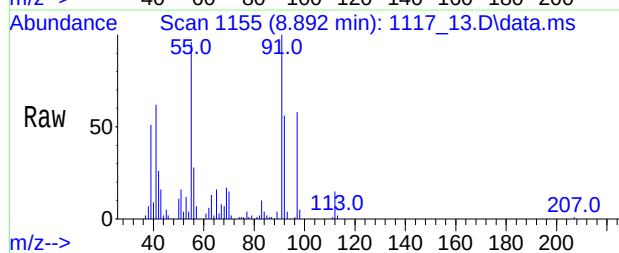
Tgt Ion	Ratio	Resp	Lower	Upper
43	100	210516		
57	37.7	31.8	47.6	
71	26.5	22.1	33.1	





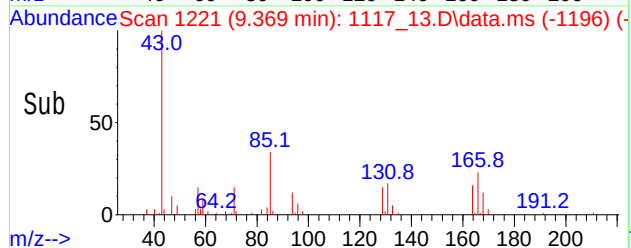
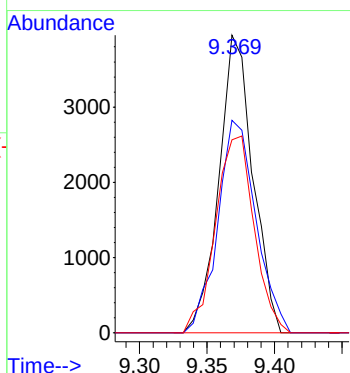
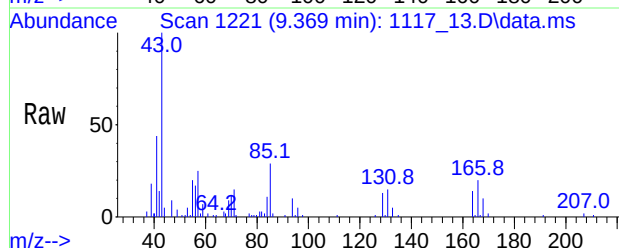
#48
Toluene
Conc: 8\$ 2.859 ppbv
RT: 8.892 min Scan# 1155
Delta R.T. -0.022 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

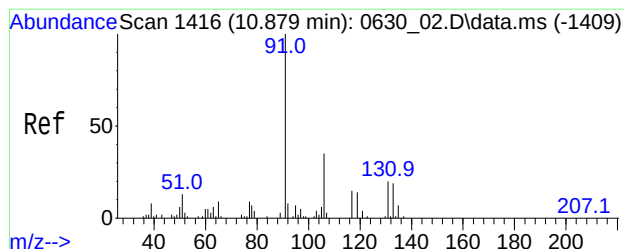
Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	50.2	75.2
65	19.3	11.5	17.3



#52
Tetrachloroethene
Conc: 8\$ 0.209 ppbv
RT: 9.369 min Scan# 1221
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

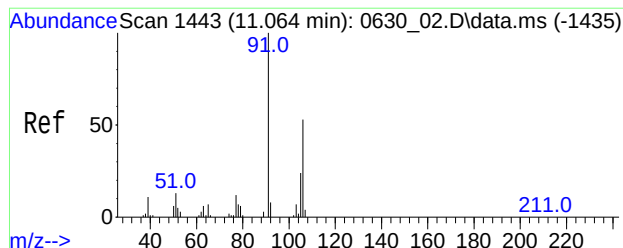
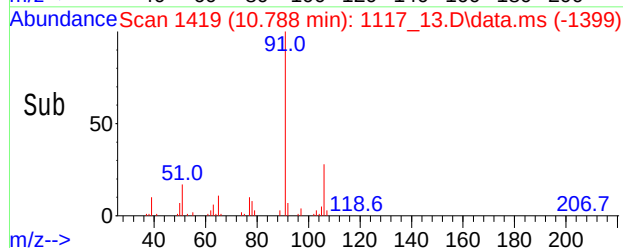
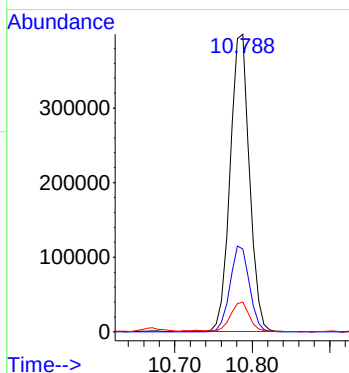
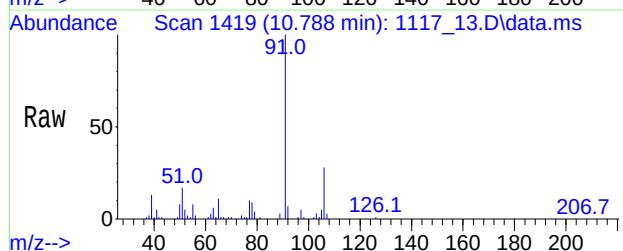
Tgt Ion	Ratio	Lower	Upper
166	100		
164	80.1	61.7	92.5
129	74.9	57.0	85.6





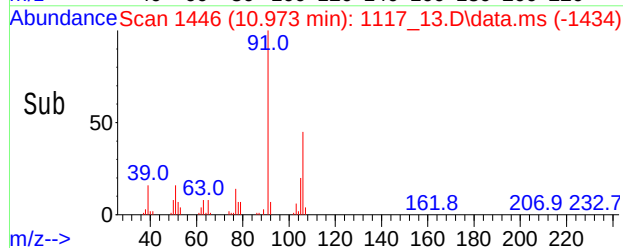
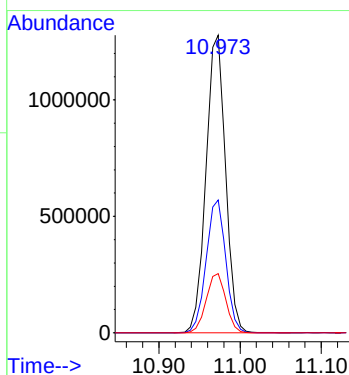
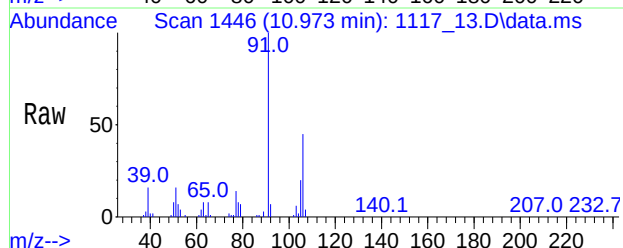
#56
Ethylbenzene
Conc: 8\$ 8.150 ppbv
RT: 10.788 min Scan# 1419
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

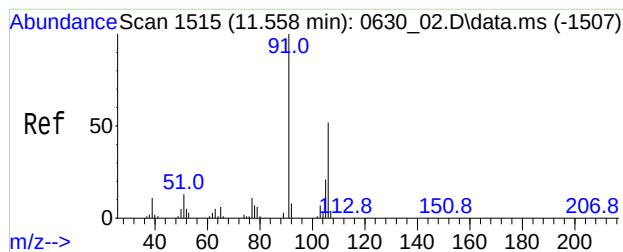
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	690206		
106	29.0	6.9	46.9	
77	9.9	0.0	29.7	



#57
m,p-Xylene
Conc: 8\$ 32.855 ppbv
RT: 10.973 min Scan# 1446
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

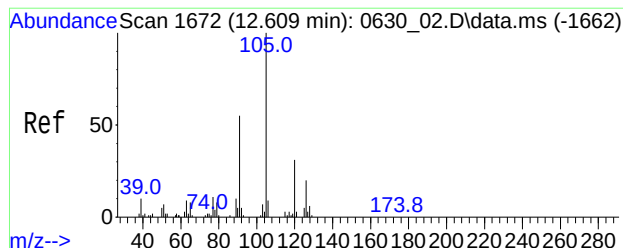
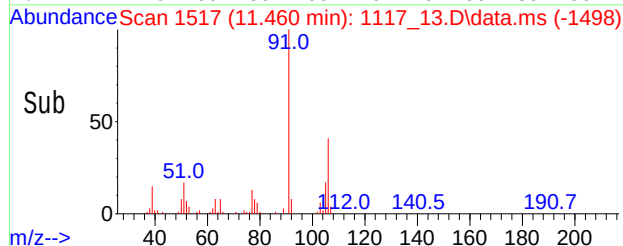
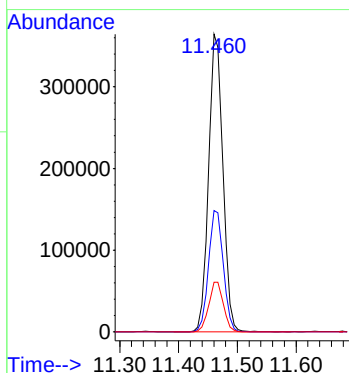
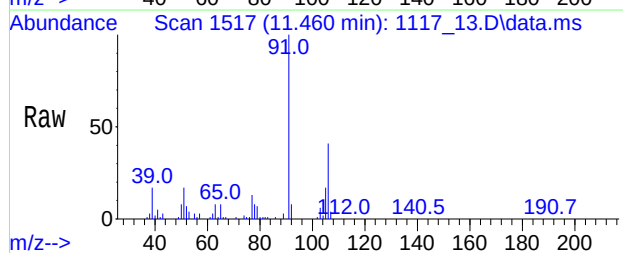
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2140058		
106	44.9	34.8	52.2	
105	20.1	16.6	25.0	





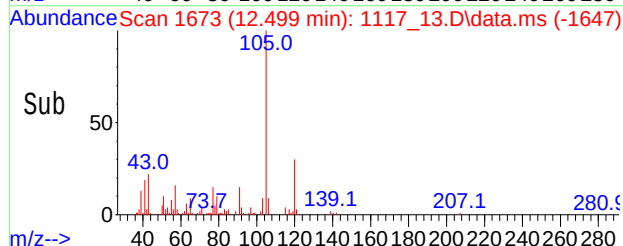
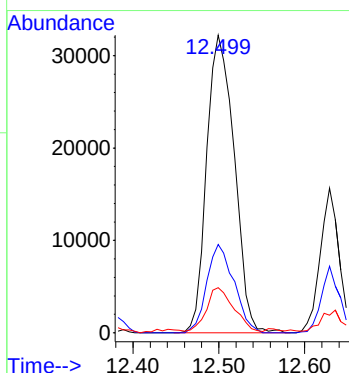
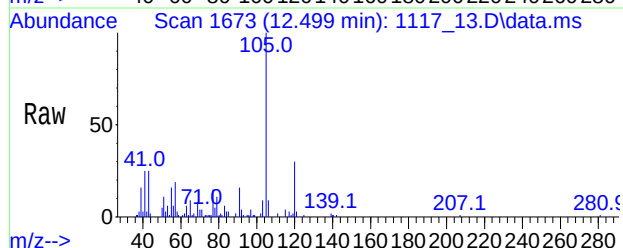
#61
o-Xylene
Conc: 8\$ 7.870 ppbv
RT: 11.460 min Scan# 1517
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

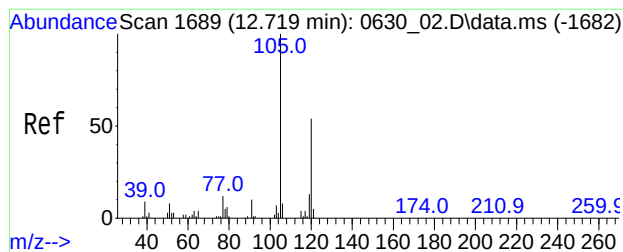
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	615266		
106	42.1	28.7	43.1	
105	17.1	11.0	16.4#	



#66
4-Ethyltoluene
Conc: 8\$ 0.764 ppbv
RT: 12.499 min Scan# 1673
Delta R.T. -0.033 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

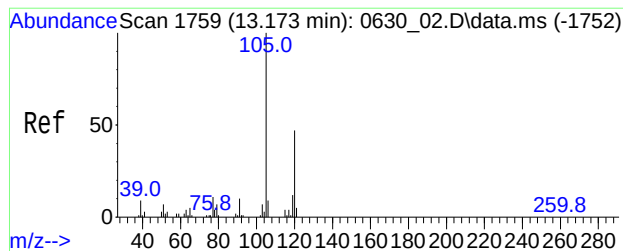
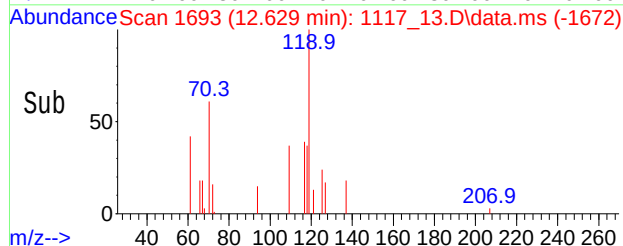
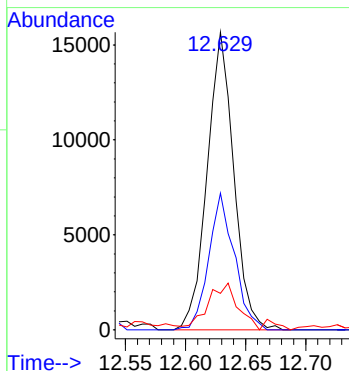
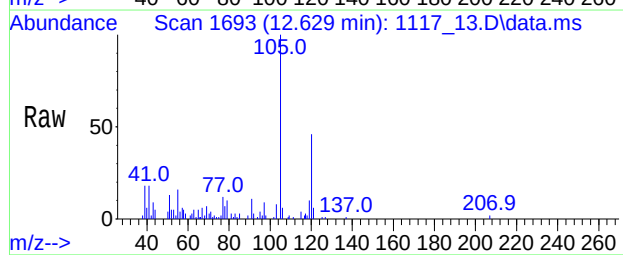
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	72166		
120	29.2	24.2	36.2	
77	15.4	12.1	18.1	





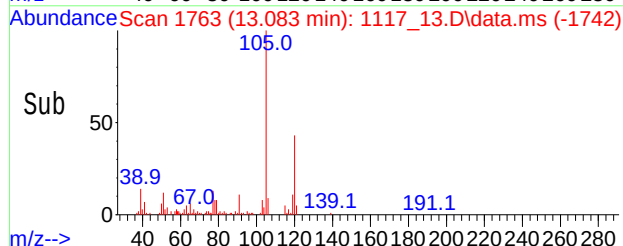
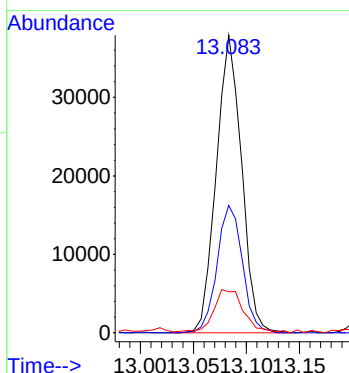
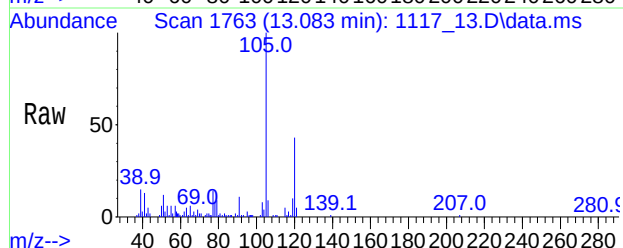
#67
1,3,5-Trimethylbenzene
Conc: 8\$ 0.306 ppbv
RT: 12.629 min Scan# 1693
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

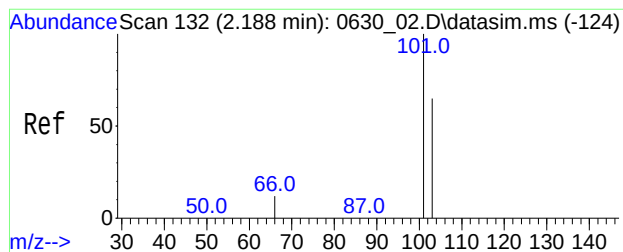
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	24124		
120	44.2	38.7	58.1	
77	17.7	12.6	18.8	



#68
1,2,4-Trimethylbenzene
Conc: 8\$ 0.797 ppbv
RT: 13.083 min Scan# 1763
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

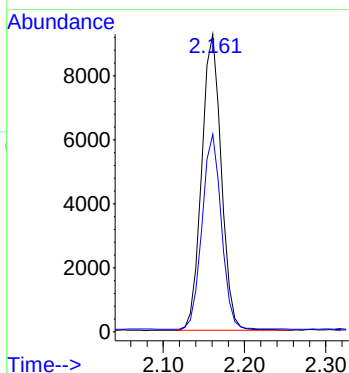
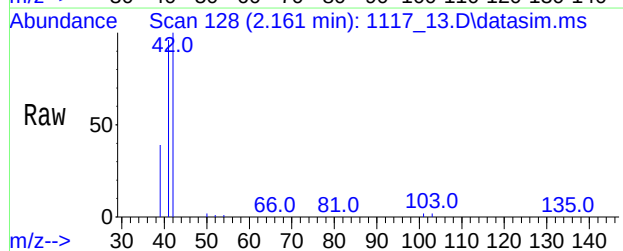
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	62769		
120	42.9	35.8	53.6	
77	17.5	12.2	18.2	





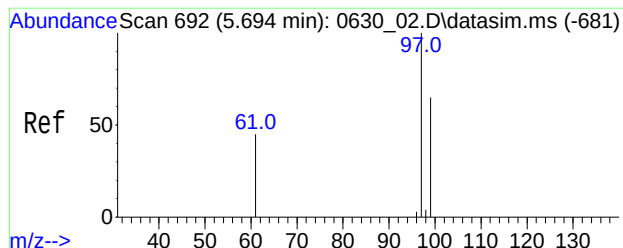
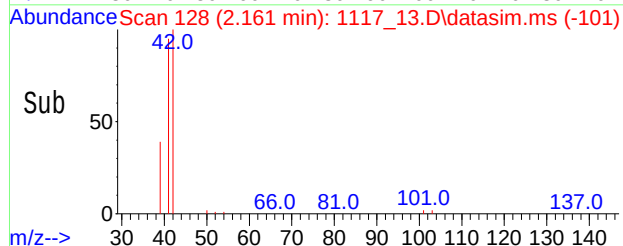
#84
Trichlorofluoromethane(sim)
Conc: 8\$ 0.273 ppbv
RT: 2.161 min Scan# 128
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion: 101 Resp: 15496
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8



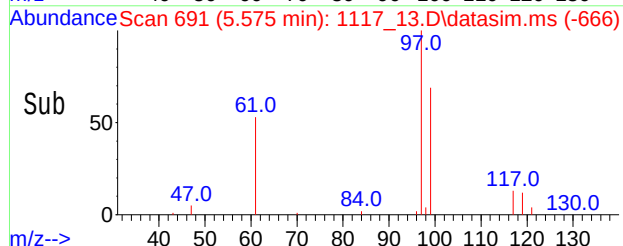
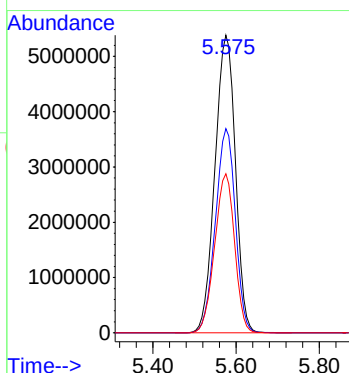
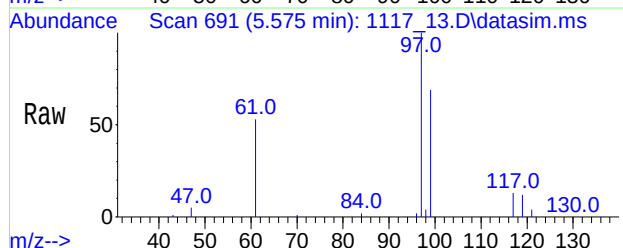
not-detected

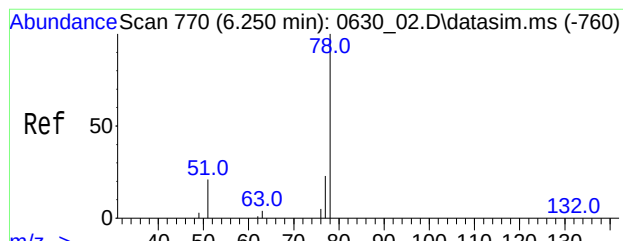
o



#85
1,1,1-Trichloroethane(sim)
Conc: 8\$ 360.985 ppbv
RT: 5.572 min Scan# 691
Delta R.T. -0.022 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

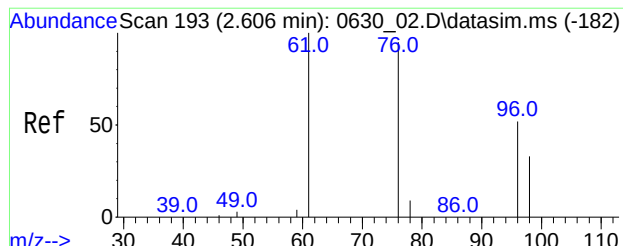
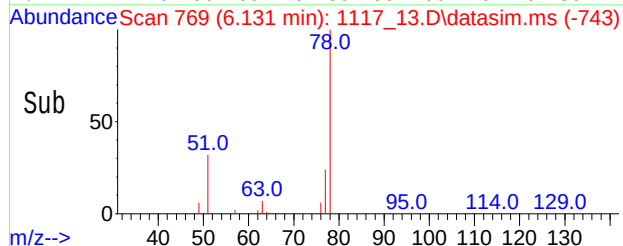
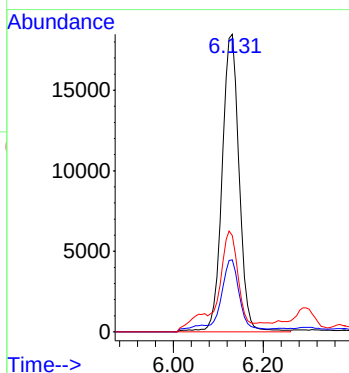
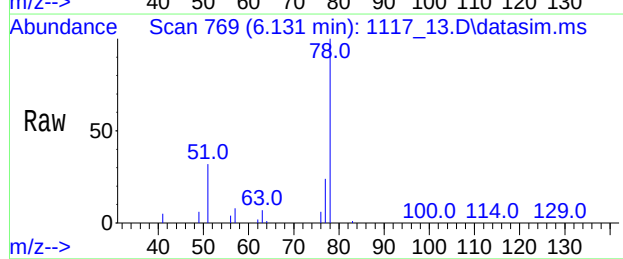
Tgt Ion: 97 Resp: 17287473
Ion Ratio Lower Upper
97 100
99 66.0 59.6 59.6#
61 51.3 40.5 60.7





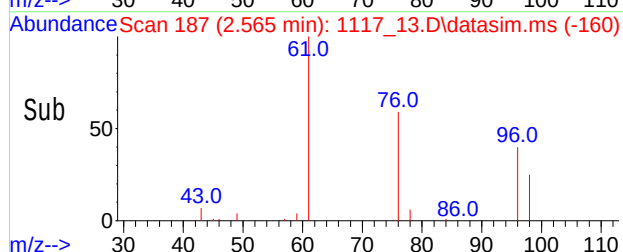
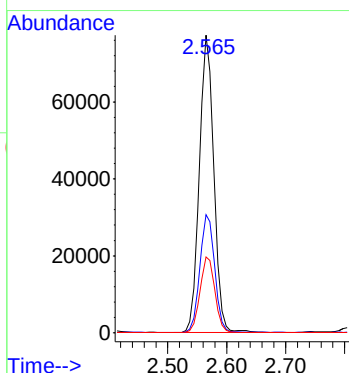
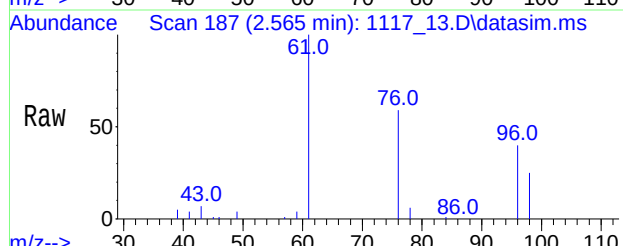
#86
Benzene(sim)
Conc: 8\$ 0.905 ppbv
RT: 6.131 min Scan# 769
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

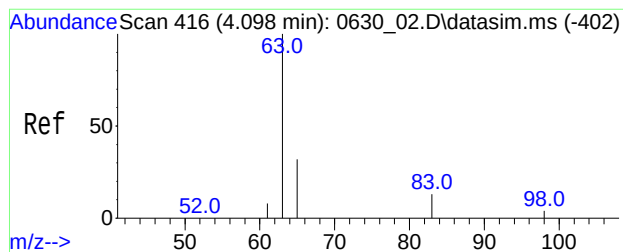
Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.2	20.2	30.2
51	30.9	29.7	44.5



#88
1,1-Dichloroethene(sim)
Conc: 8\$ 3.713 ppbv
RT: 2.565 min Scan# 187
Delta R.T. -0.013 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

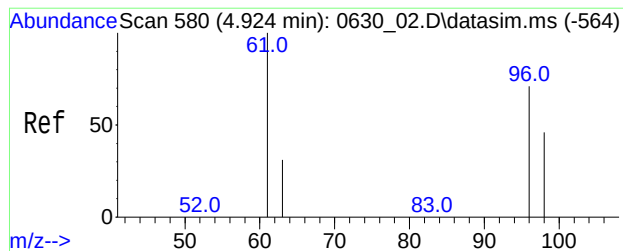
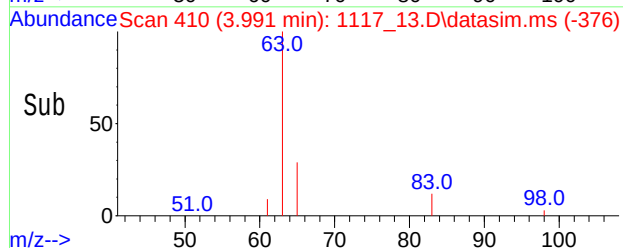
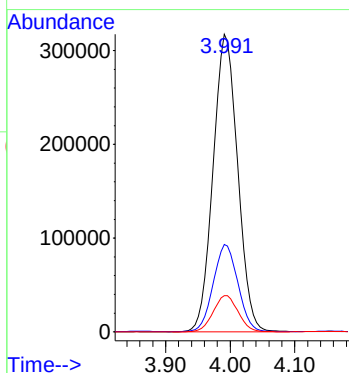
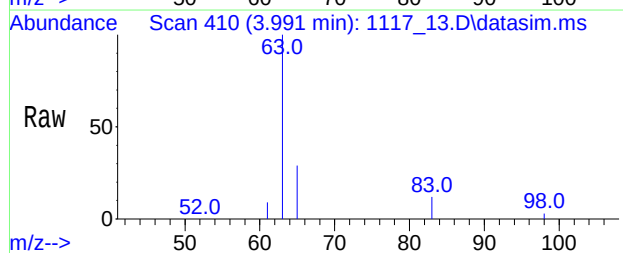
Tgt Ion	Ratio	Lower	Upper
61	100		
96	40.4	35.8	53.6
98	26.0	22.2	33.2





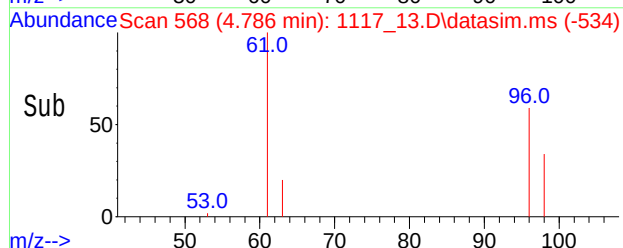
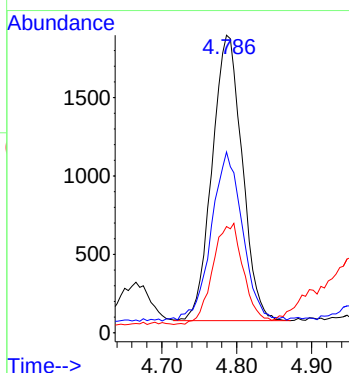
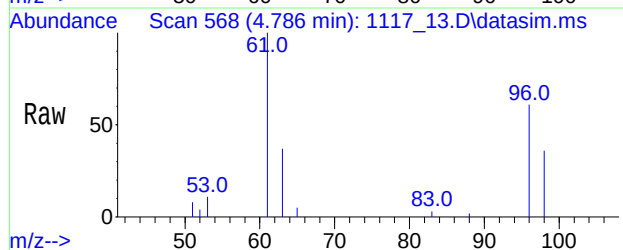
#91
1,1-Dichloroethane(sim)
Conc: 8\$ 23.280 ppbv
RT: 3.993 min Scan# 410
Delta R.T. -0.025 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

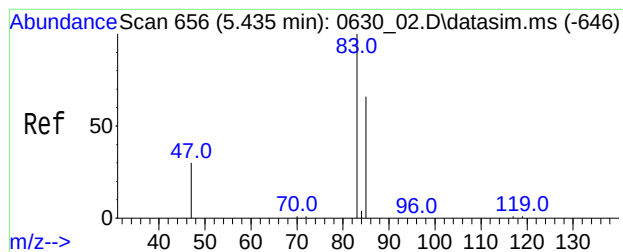
Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.9	25.4	38.2
83	12.4	11.3	16.9



#92
Cis-1,2-Dichloroethene(sim)
Conc: 8\$ 0.181 ppbv
RT: 4.786 min Scan# 568
Delta R.T. -0.030 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

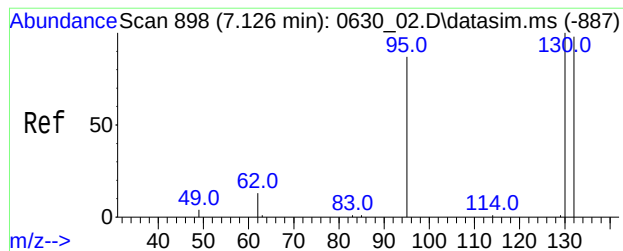
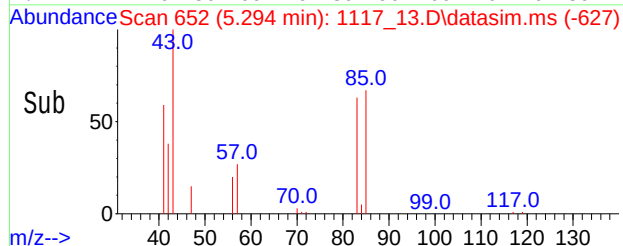
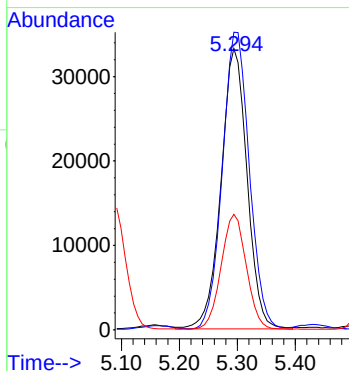
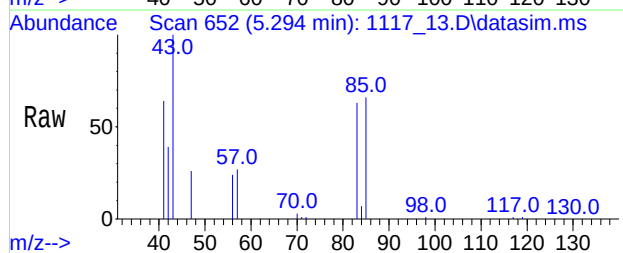
Tgt Ion	Ratio	Lower	Upper
61	100		
96	62.0	44.6	66.8
98	36.5	28.8	43.2





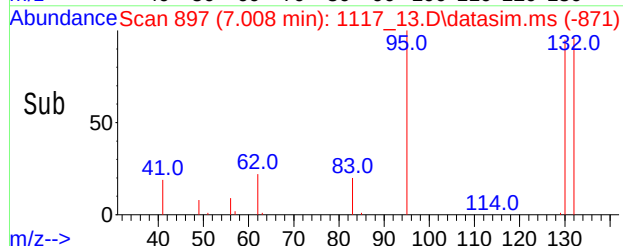
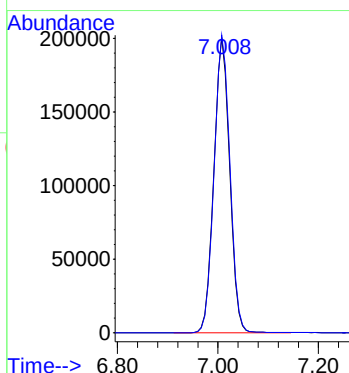
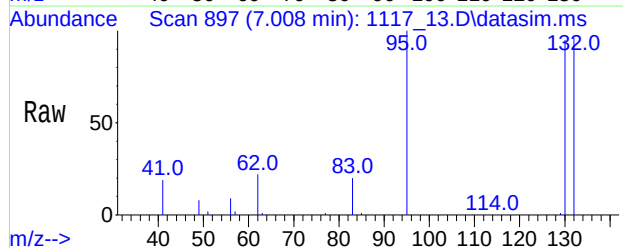
#93
Chloroform(sim)
Conc: 8\$ 2.362 ppbv
RT: 5.291 min Scan# 652
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

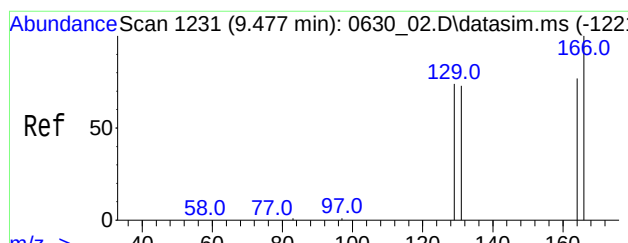
Tgt Ion: 83 Resp: 97331
Ion Ratio Lower Upper
83 100
85 104.3 55.0 82.6#
47 39.8 30.5 45.7



#98
Trichloroethene(sim)
Conc: 8\$ 17.330 ppbv
RT: 7.008 min Scan# 897
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

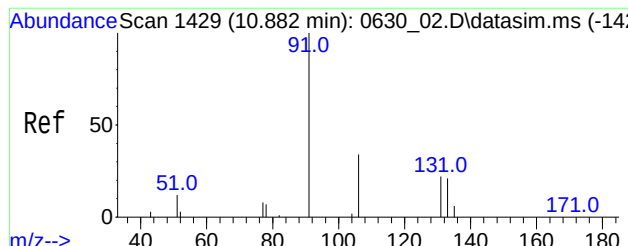
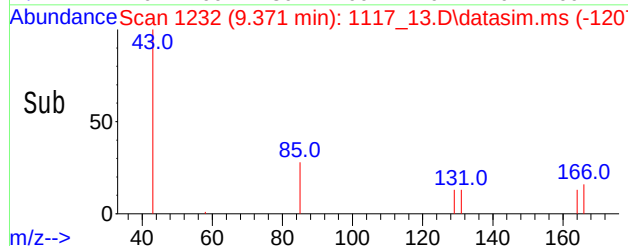
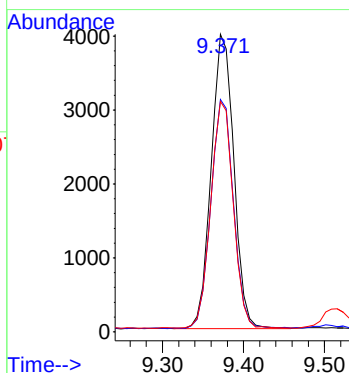
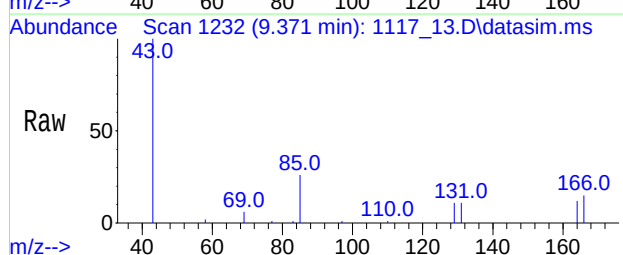
Tgt Ion: 130 Resp: 437111
Ion Ratio Lower Upper
130 100
132 101.4 81.9 122.9





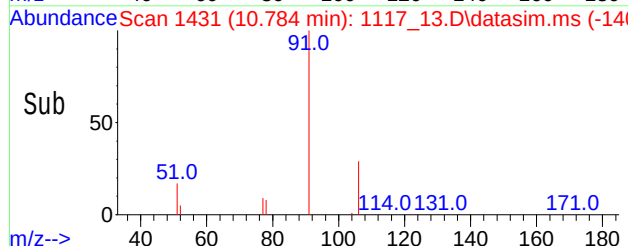
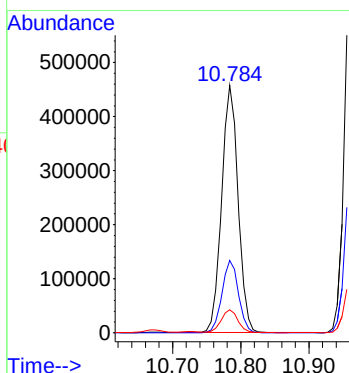
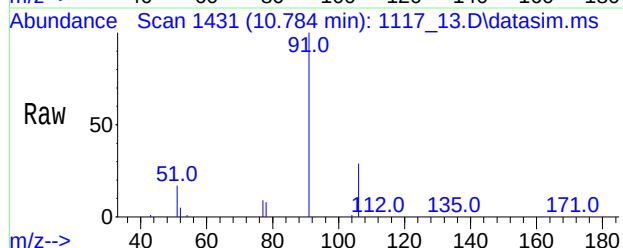
#104
Tetrachloroethene(sim)
Conc: 8\$ 0.229 ppbv
RT: 9.371 min Scan# 1232
Delta R.T. -0.022 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

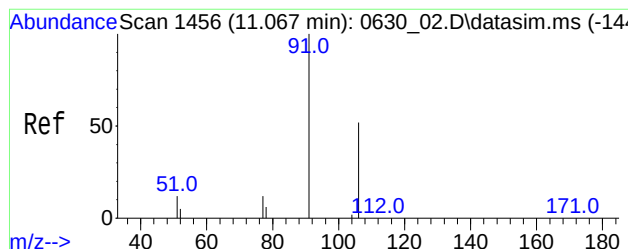
Tgt Ion	Ratio	Lower	Upper
166	100		
164	77.8	57.0	97.0
129	76.6	54.1	94.1



#108
Ethylbenzene(sim)
Conc: 8\$ 9.198 ppb
RT: 10.784 min Scan# 1431
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

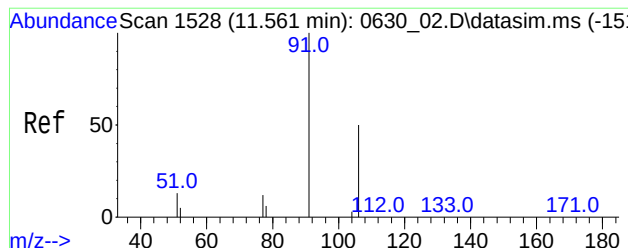
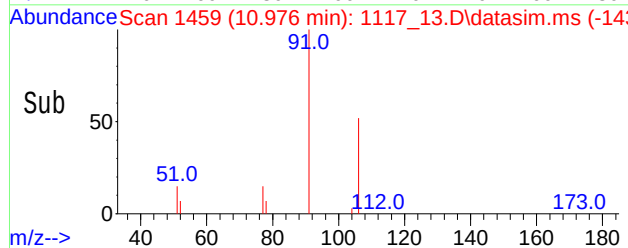
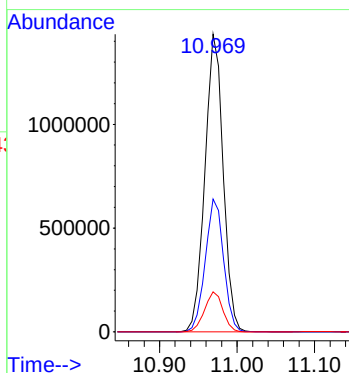
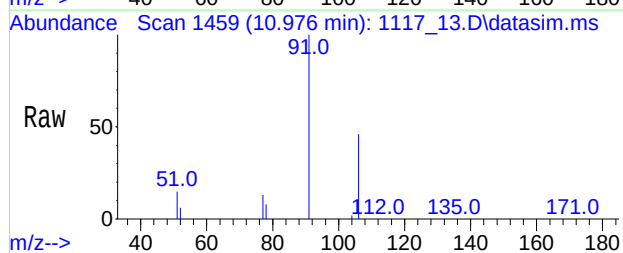
Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.7	35.5
77	9.5	7.4	11.2





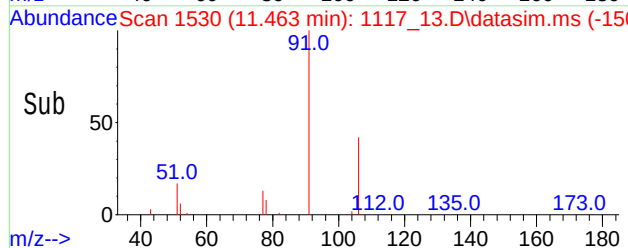
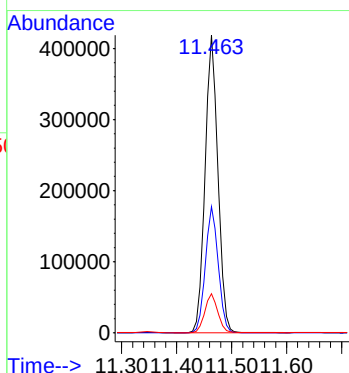
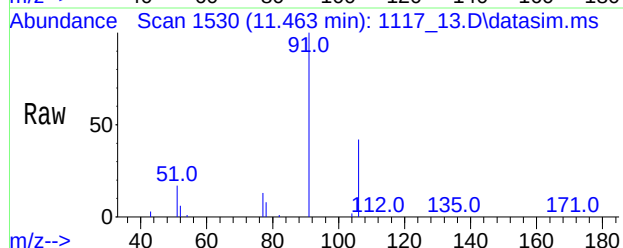
#109
m,p-Xylene(sim)
Conc: 8\$ 32.537 ppbv
RT: 10.973 min Scan# 1459
Delta R.T. -0.020 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	44.9	39.1	47.9
77	13.9	11.3	16.9



#110
o-Xylene(sim)
Conc: 8\$ 8.570 ppb
RT: 11.463 min Scan# 1530
Delta R.T. -0.021 min
Lab File: 1117_13.D
Acq: 17 Nov 2021 9:17 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
106	42.5	29.0	43.6
77	13.3	9.1	13.7



CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

FORM I AIR

10/07/2022

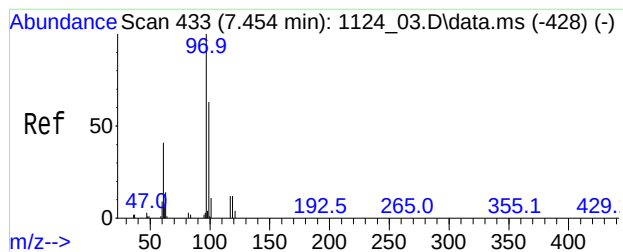
Data Path : H:\AIR2021\CHEM20\11NOV\18\
 Data File : 1118_13.D
 Acq On : 18 Nov 2021 2:23 pm
 Operator :
 Client ID : SV-16 90X
 Lab ID : CJ80290 90X
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 18 16:07:09 2021
 Quant Method : H:\AIR2021\CHEM20\Methods\20_AIR_1115.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Tue Nov 16 09:53:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

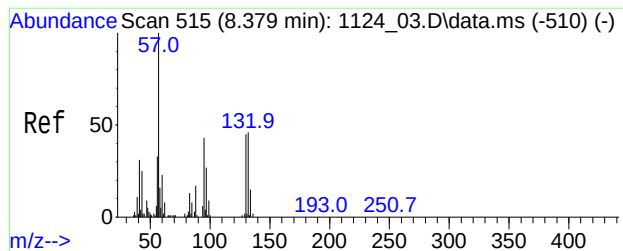
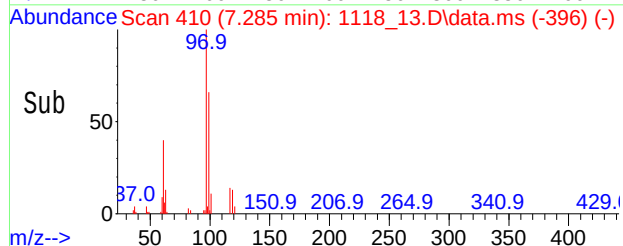
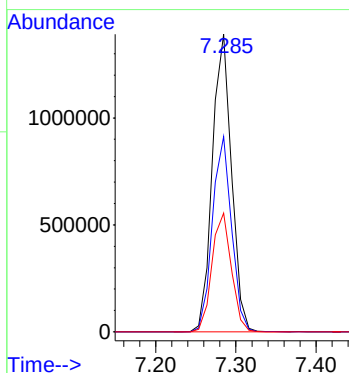
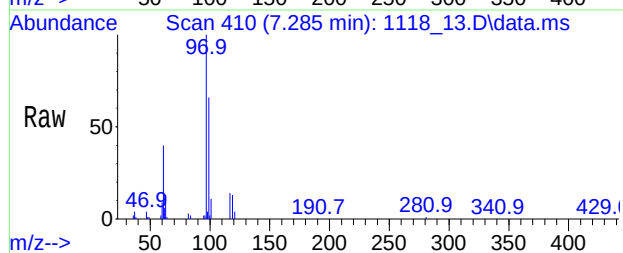
Internal Standards						
1) Bromochloromethane	6.608	130	527822	10.000	ng	0.01
37) 1,4-Difluorobenzene	7.759	114	2019445	10.000	ng	0.00
54) Chlorobenzene-d5	10.288	82	813698	10.000	ng	0.00
81) Bromochloromethane(sim)	6.613	130	573064	10.000	ng	# 0.01
96) 1,4-Difluorobenzene(sim)	7.759	114	2017408	10.000	ng	0.00
106) Chlorobenzene-d5(sim)	10.288	82	814354	10.000	ng	0.00
System Monitoring Compounds						
63) % Bromofluorobenzene	11.149	95	939688	9.664	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.60%	
Target Compounds						
						Qvalue
11) Ethanol	4.478	45	19396	0.891	ppbv	94
12) Acetone	4.812	43	56923	0.612	ppbv	94
16) 1,1-Dichloroethene	5.208	61	14983	0.185	ppbv	97
23) 1,1-Dichloroethane	5.992	63	93028	1.164	ppbv	97
33) 1,1,1-Trichloroethane	7.285	97	2298497	18.684	ppbv	99
40) Trichloroethene	8.193	130	70238	0.885	ppbv	95
53) Tetrachloroethene	9.935	166	4888	0.045	ppbv	91
57) Ethylbenzene	10.524	91	98285	0.482	ppbv	97
58) m,p-Xylene	10.616	91	287009	1.864	ppbv	99
62) o-Xylene	10.883	91	88315	0.522	ppbv	97
87) 1,1,1-Trichloroethane(...	7.290	97	2470171	18.351	ppbv#	100
90) 1,1-Dichloroethene(sim)	5.208	61	14983	0.183	ppbv	95
93) 1,1-Dichloroethane(sim)	5.998	63	101891	1.127	ppbv	99
99) Trichloroethene(sim)	8.199	130	79700	0.823	ppbv	99
105) Tetrachloroethene(sim)	9.931	166	5610	0.042	ppbv	98
108) m,p-Xylene(sim)	10.616	91	291253	1.612	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



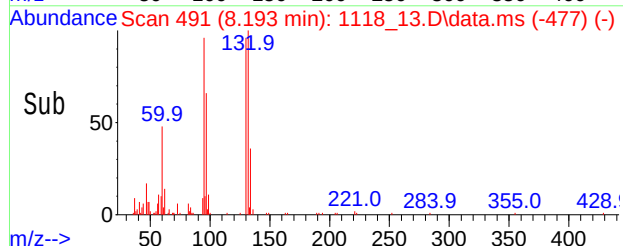
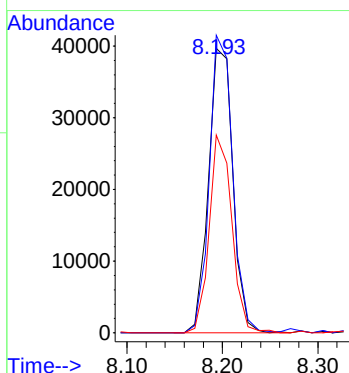
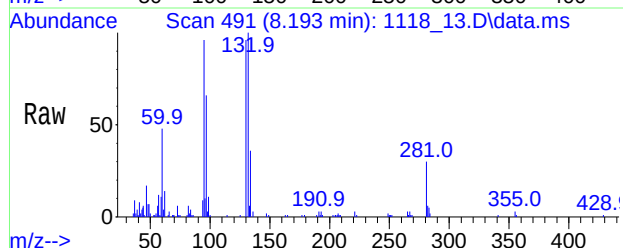
#33
1,1,1-Trichloroethane
Conc: 8\$ 18.684 ppbv
RT: 7.285 min Scan# 410
Delta R.T. -0.000 min
Lab File: 1118_13.D
Acq: 18 Nov 2021 2:23 pm

Tgt Ion	97	Resp	2298497
Ratio	100	Lower	Upper
99	65.4	52.8	79.2
61	40.4	33.3	49.9



#40
Trichloroethene
Conc: 8\$ 0.885 ppbv
RT: 8.193 min Scan# 491
Delta R.T. 0.000 min
Lab File: 1118_13.D
Acq: 18 Nov 2021 2:23 pm

Tgt Ion	130	Resp	70238
Ratio	100	Lower	Upper
132	100.1	85.6	128.4
97	64.6	50.4	75.6



1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80291</u>
Canister:	<u>19924</u>	Lab File ID:	<u>1117_08.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
		Date Received:	<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.506		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	12.3	S	0.531	0.531	r
67-64-1	Acetone	20.6	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.250		0.178	0.178	r
67-63-0	Isopropylalcohol	0.974	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.864	U	0.864	0.864	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	1.27		0.339	0.339	r
110-54-3	Hexane	0.306	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.447		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.382		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.794		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
179601-23-1	m,p-Xylene	0.595		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.239		0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r

FORM I AIR

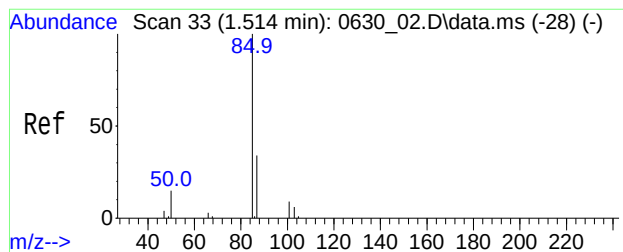
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1117_08.D
 Acq On : 17 Nov 2021 6:29 pm
 Operator : Keith
 Client ID : AA-CB
 Lab ID : CJ80291
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 18 09:21:25 2021
 Quant Method : H:\AIR2021\CHEM24\METHODS\24AIR_1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

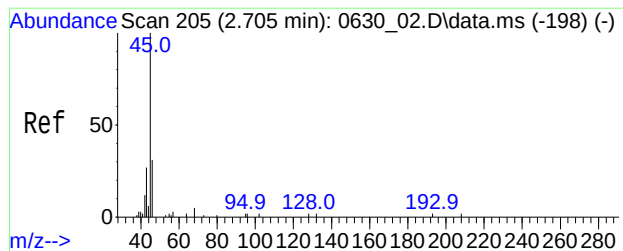
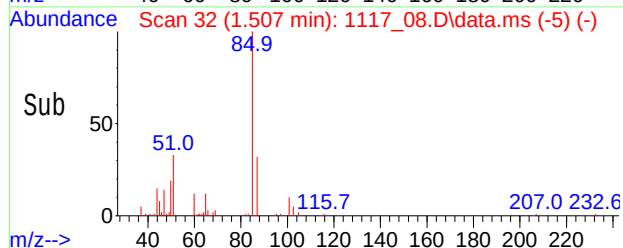
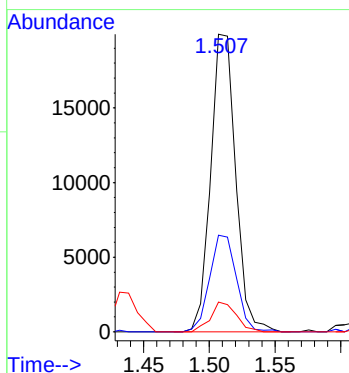
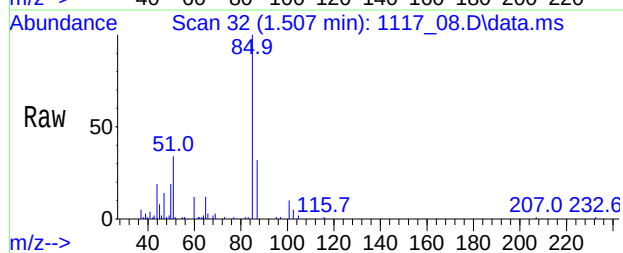
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.075	130	177866	10.000	ng	-0.04
36) 1,4-Difluorobenzene	7.053	114	616711	10.000	ng	-0.03
53) Chlorobenzene-d5	10.664	82	322297	10.000	ng	-0.03
80) Bromochloromethane(sim)	5.078	130	182176	10.000	ng	#-0.04
95) 1,4-Difluorobenzene(sim)	7.053	114	616711	10.000	ng	-0.03
105) Chlorobenzene-d5(sim)	10.664	82	322297	10.000	ng	-0.03
System Monitoring Compounds						
62) % Bromofluorobenzene	12.149	95	464589	10.238	ppbv	-0.01
Spiked Amount	10.000	Range	70 - 130	Recovery	=	102.40%
Target Compounds						
					Qvalue	
3) Dichlorodifluoromethane	1.507	85	26341	0.506	ppbv	99
10) Ethanol	2.658	45	100805	12.282	ppbv	96
12) Acetone	3.157	43	910433	20.625	ppbv	96
13) Trichlorofluoromethane	2.151	101	14265	0.250	ppbv	99
14) Isopropylalcohol	3.335	45	41225	0.974	ppbv#	49
25) Methyl Ethyl Ketone	5.860	43	63686	1.268	ppbv	98
27) Hexane	3.437	57	8585	0.305	ppbv#	76
33) Benzene	6.115	78	19793	0.447	ppbv	96
34) Carbon Tetrachloride	5.471	117	4767	0.089	ppbv#	54
39) Trichloroethene	6.991	130	1059	0.042	ppbv#	78
45) 4-Methyl-2-pentanone(M...)	9.484	43	23266	0.382	ppbv	98
48) Toluene	8.885	91	43026	0.794	ppbv#	96
52) Tetrachloroethene	9.354	166	2028	0.059	ppbv	88
57) m,p-Xylene	10.966	91	36468	0.595	ppbv	97
68) 1,2,4-Trimethylbenzene	13.083	105	17740	0.239	ppbv	96
84) Trichlorofluoromethane...	2.154	101	14509	0.252	ppbv	100
86) Benzene(sim)	6.117	78	22256	0.407	ppbv	99
87) Carbon Tetrachloride(sim)	5.471	117	4627	0.091	ppbv#	40
98) Trichloroethene(sim)	6.994	130	949	0.037	ppbv	96
104) Tetrachloroethene(sim)	9.364	166	1889	0.055	ppbv	93
109) m,p-Xylene(sim)	10.966	91	36468	0.589	ppbv	97
110) o-Xylene(sim)	11.463	91	17646	0.236	ppb #	91

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



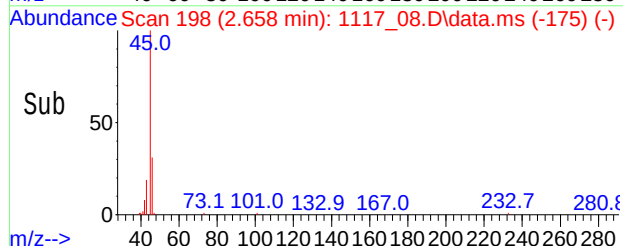
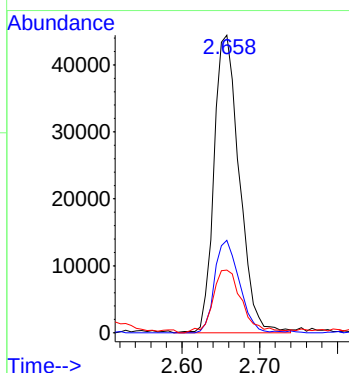
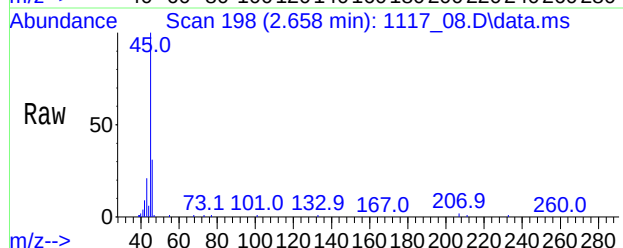
#3
Dichlorodifluoromethane
Conc: 8\$ 0.506 ppbv
RT: 1.507 min Scan# 32
Delta R.T. -0.014 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

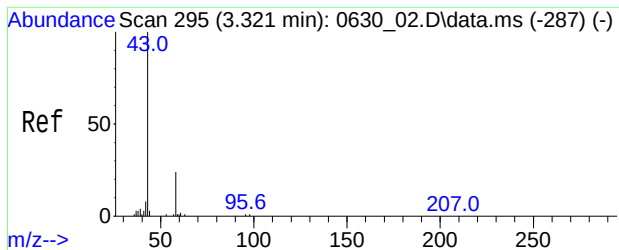
Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.9	27.4	41.2
101	10.2	8.3	12.5



#10
Ethanol
Conc: 8\$ 12.282 ppbv
RT: 2.658 min Scan# 198
Delta R.T. -0.040 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

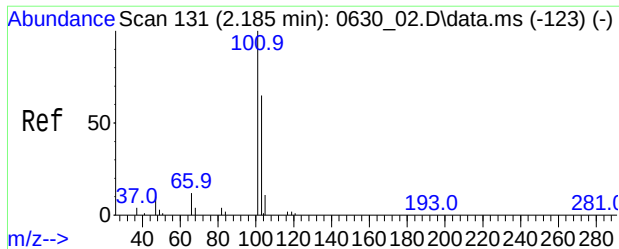
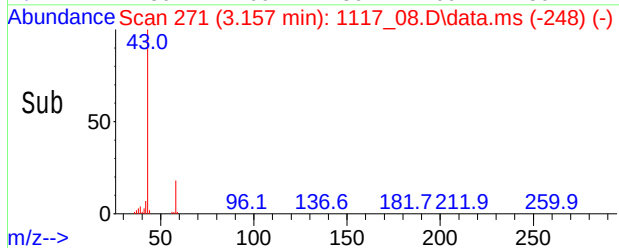
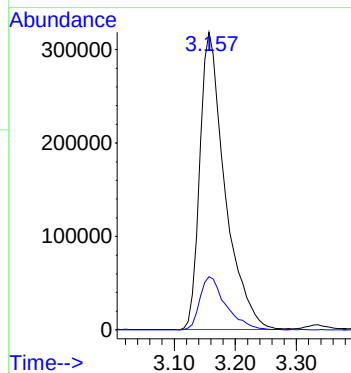
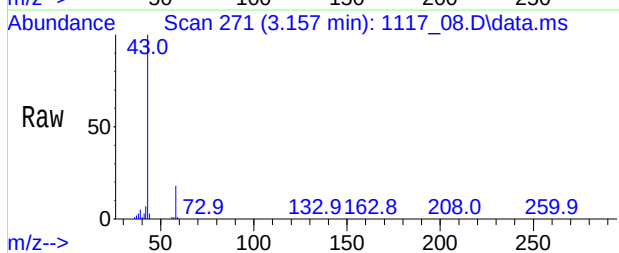
Tgt Ion	Ratio	Lower	Upper
45	100		
46	30.3	23.7	35.5
43	24.0	22.1	33.1





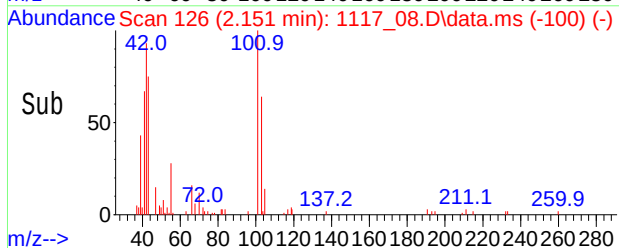
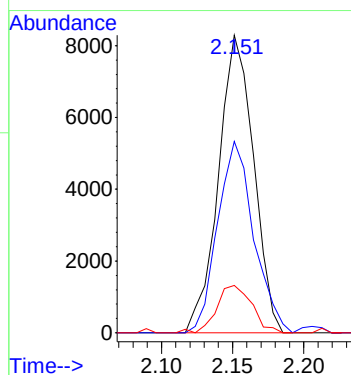
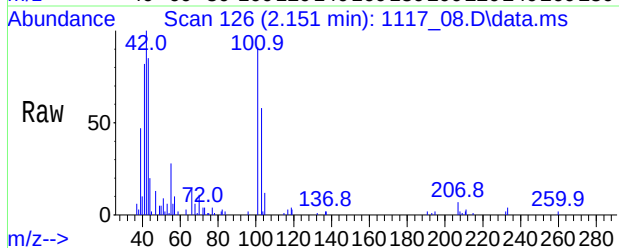
#12
Acetone
Conc: 8\$ 20.625 ppbv
RT: 3.157 min Scan# 271
Delta R.T. -0.143 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

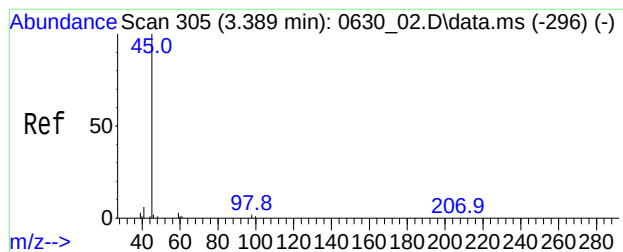
Tgt Ion: 43 Resp: 910433
Ion Ratio Lower Upper
43 100
58 18.4 16.1 24.1



#13
Trichlorofluoromethane
Conc: 8\$ 0.250 ppbv
RT: 2.151 min Scan# 126
Delta R.T. -0.020 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

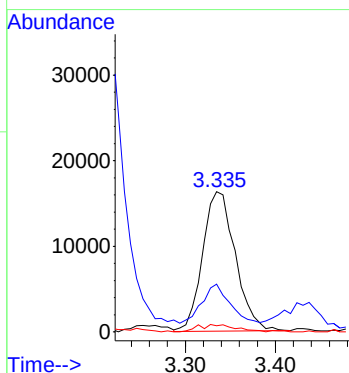
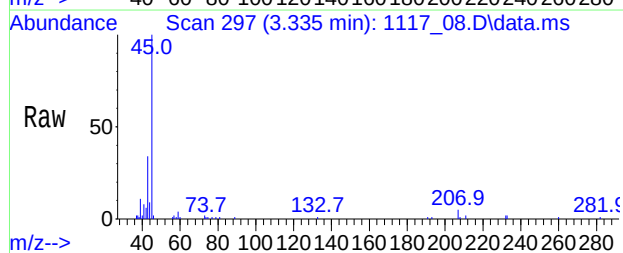
Tgt Ion: 101 Resp: 14265
Ion Ratio Lower Upper
101 100
103 66.2 52.8 79.2
66 16.0 11.2 16.8



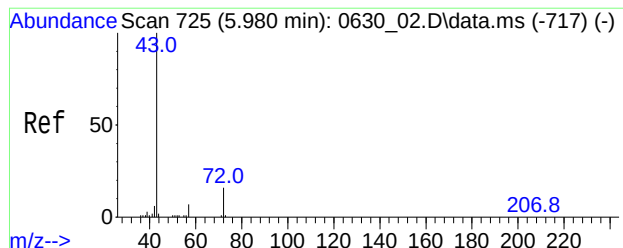


#14
Isopropylalcohol
Conc: 8\$ 0.974 ppbv
RT: 3.335 min Scan# 297
Delta R.T. -0.075 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

Tgt Ion	Ratio	Lower	Upper
45	100		
43	25.1	53.4	80.2#
59	6.1	1.7	2.5#

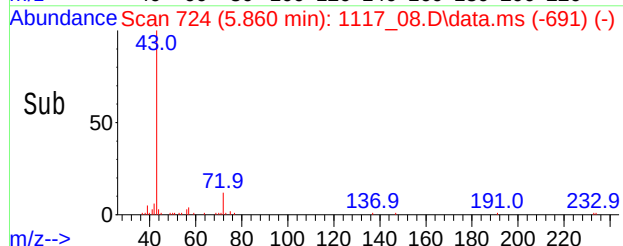
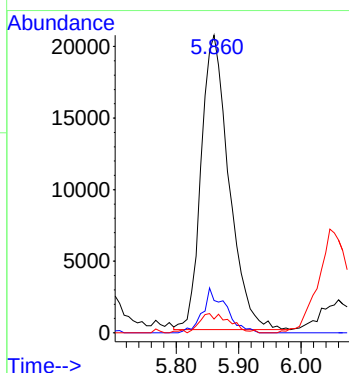
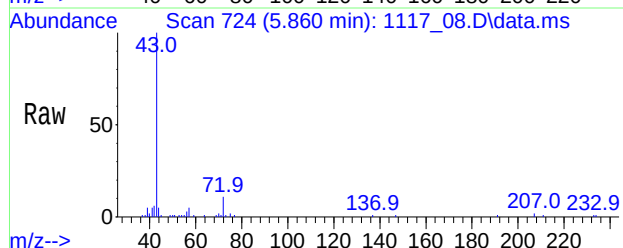


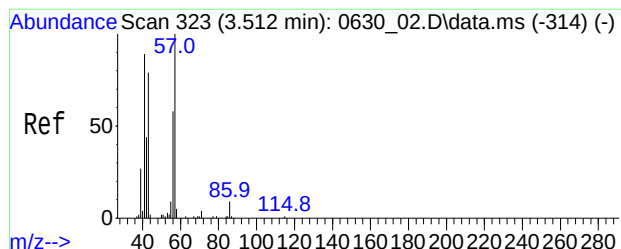
Flag N - mass spectral interference



#25
Methyl Ethyl Ketone
Conc: 8\$ 1.268 ppbv
RT: 5.860 min Scan# 724
Delta R.T. -0.065 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

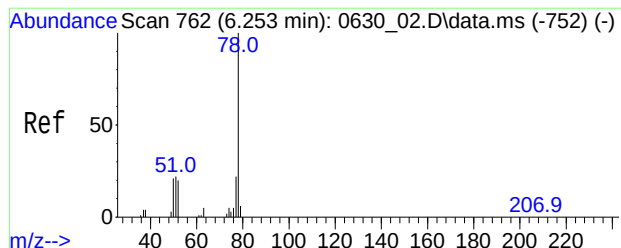
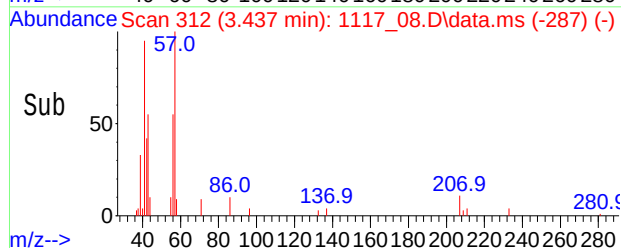
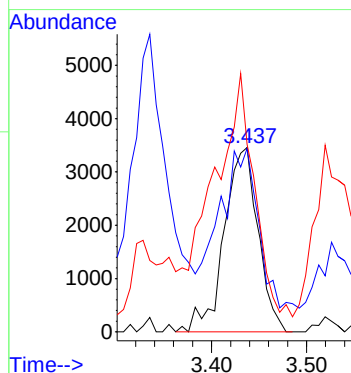
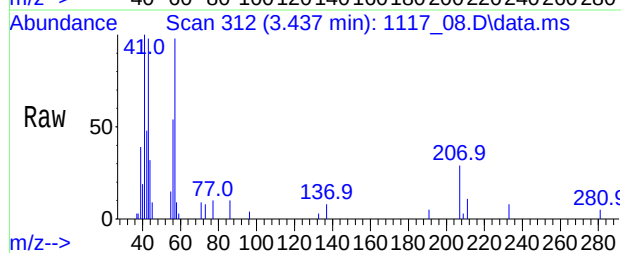
Tgt Ion	Ratio	Lower	Upper
43	100		
72	12.6	10.6	15.8
57	7.3	0.0	0.0#





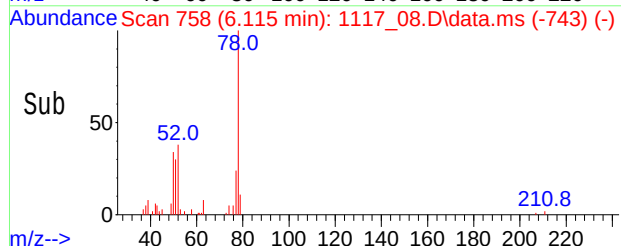
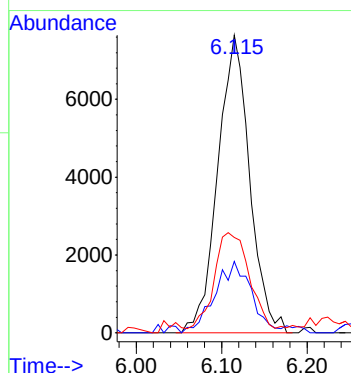
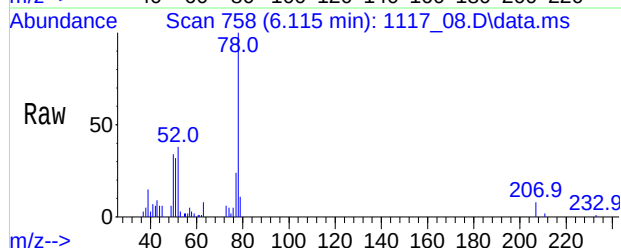
#27
Hexane
Conc: 8\$ 0.305 ppbv
RT: 3.437 min Scan# 312
Delta R.T. -0.028 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

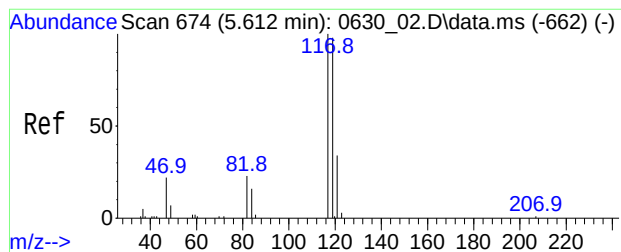
Tgt Ion	Ratio	Lower	Upper
57	100		
43	99.5	75.4	113.0
41	151.7	87.3	130.9#



#33
Benzene
Conc: 8\$ 0.447 ppbv
RT: 6.115 min Scan# 758
Delta R.T. -0.034 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

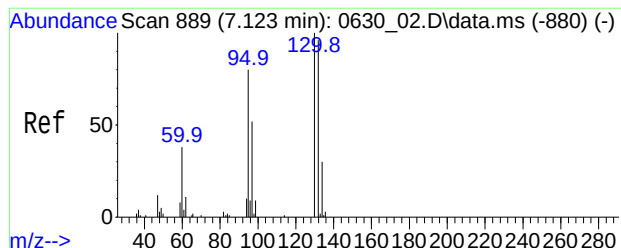
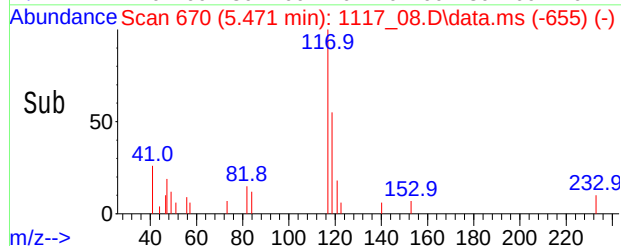
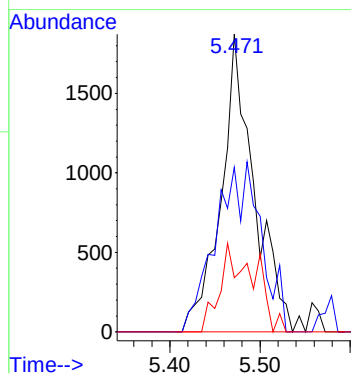
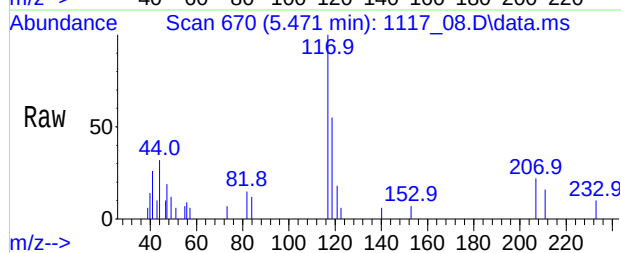
Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.3	22.2	33.2
51	36.1	26.2	39.2





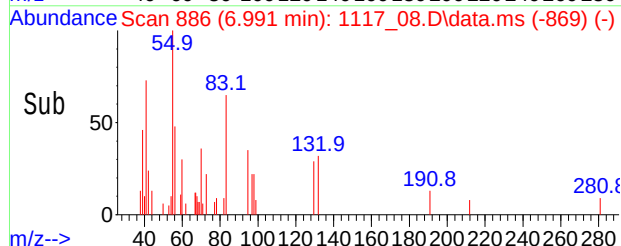
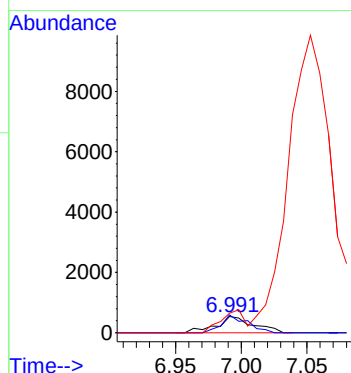
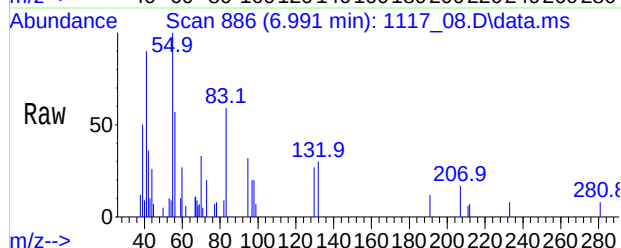
#34
Carbon Tetrachloride
Conc: 8\$ Below Cal
RT: 5.471 min Scan# 670
Delta R.T. -0.043 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

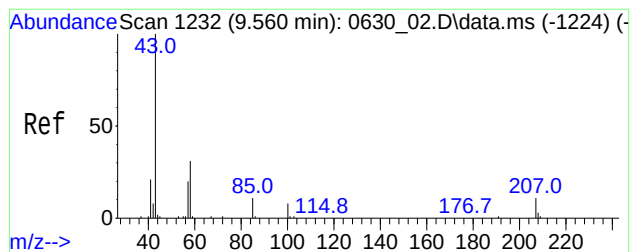
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	4767		
119	45.6	78.4	118.4#	
121	16.9	10.0	50.0	



#39
Trichloroethene
Conc: 8\$ Below Cal
RT: 6.991 min Scan# 886
Delta R.T. -0.034 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

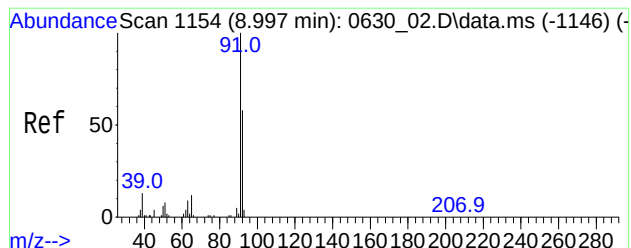
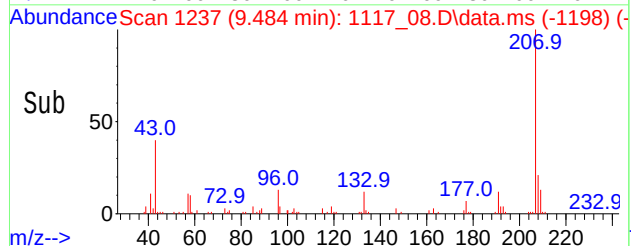
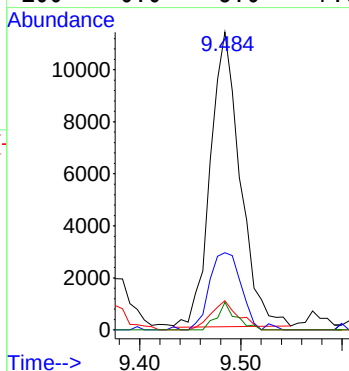
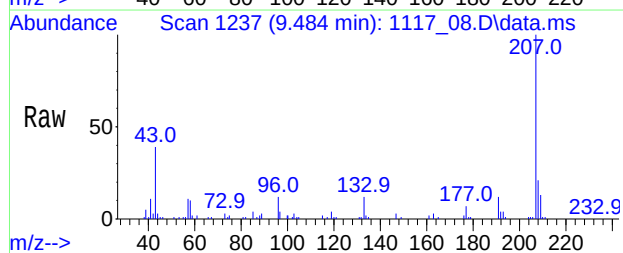
Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1059		
132	76.2	83.8	125.8#	
95	88.0	84.6	126.8	





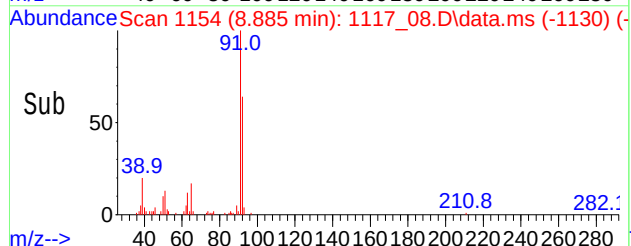
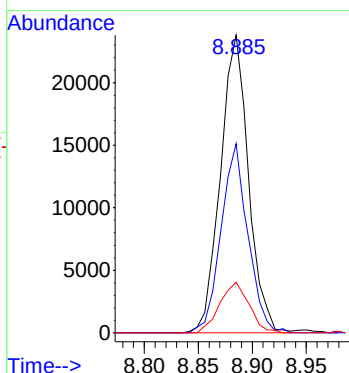
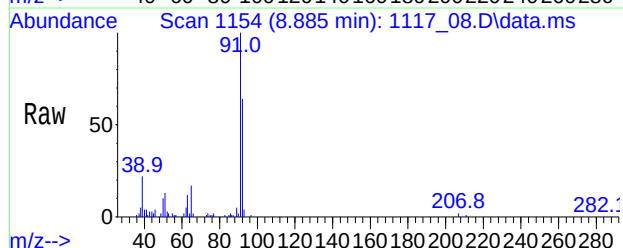
#45
4-Methyl-2-pentanone(MIBK)
Conc: 8\$ 0.382 ppbv
RT: 9.484 min Scan# 1237
Delta R.T. -0.022 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

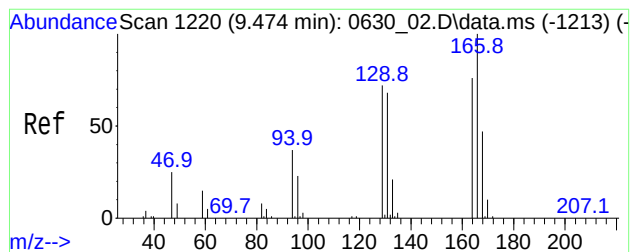
Tgt Ion	Ratio	Resp	Lower	Upper
43	100	23266		
58	27.3	23.0	34.4	
85	9.1	8.2	12.4	
100	6.0	5.0	7.6	



#48
Toluene
Conc: 8\$ 0.794 ppbv
RT: 8.885 min Scan# 1154
Delta R.T. -0.029 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

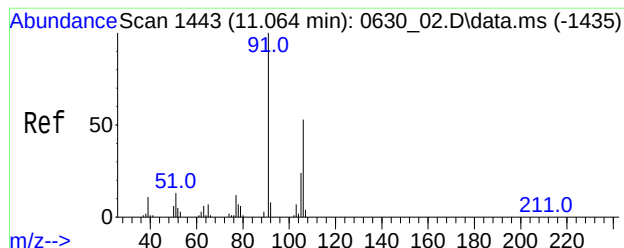
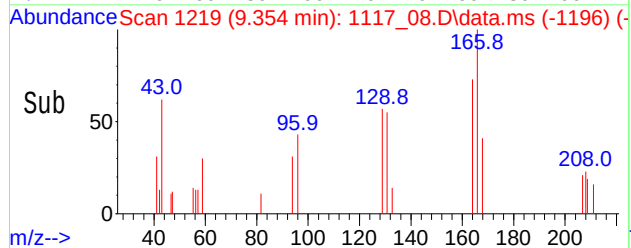
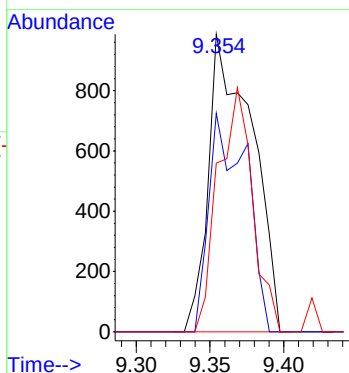
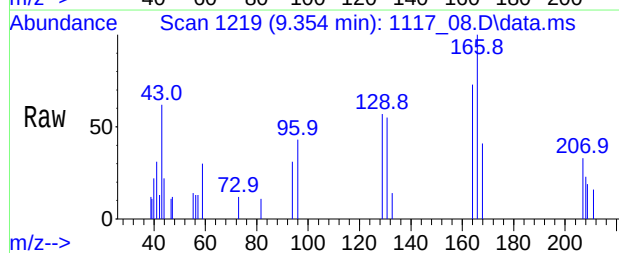
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	43026		
92	60.6	50.2	75.2	
65	17.8	11.5	17.3#	





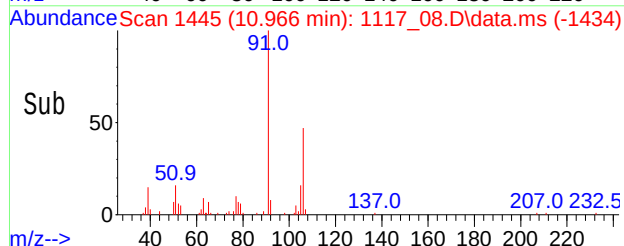
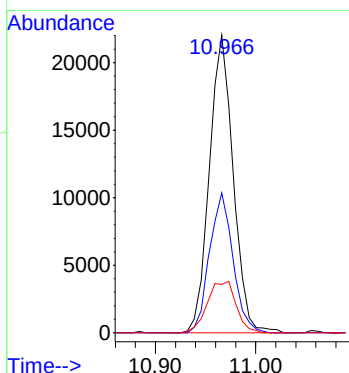
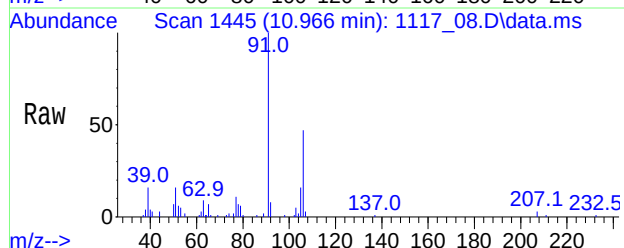
#52
Tetrachloroethene
Conc: 8\$ Below Cal
RT: 9.354 min Scan# 1219
Delta R.T. -0.036 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

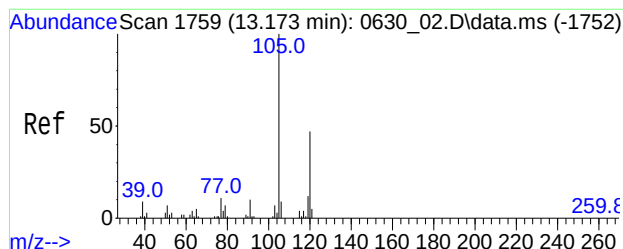
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2028		
164	62.8		61.7	92.5
129	64.6		57.0	85.6



#57
m,p-Xylene
Conc: 8\$ 0.595 ppbv
RT: 10.966 min Scan# 1445
Delta R.T. -0.027 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

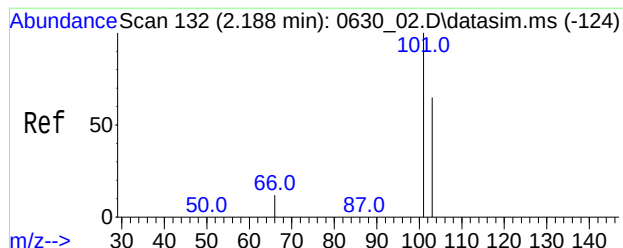
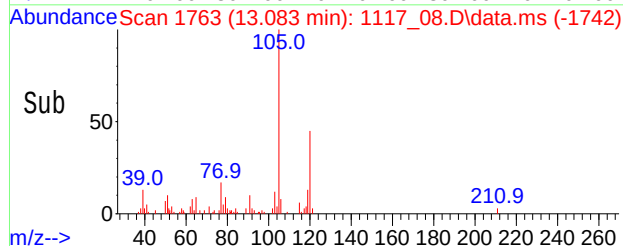
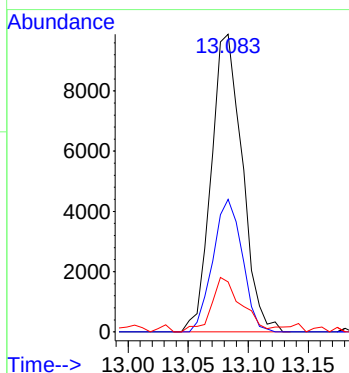
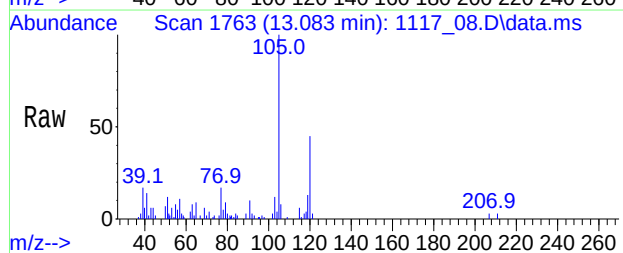
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	36468		
106	46.3		34.8	52.2
105	20.8		16.6	25.0





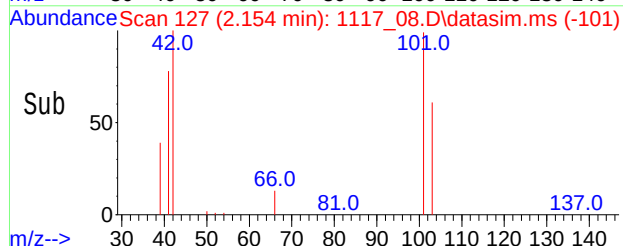
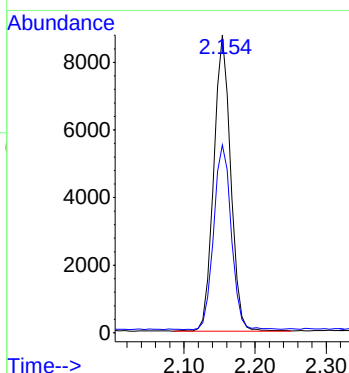
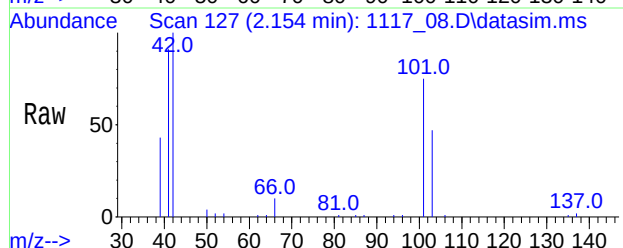
#68
1,2,4-Trimethylbenzene
Conc: 8\$ 0.239 ppbv
RT: 13.083 min Scan# 1763
Delta R.T. -0.013 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

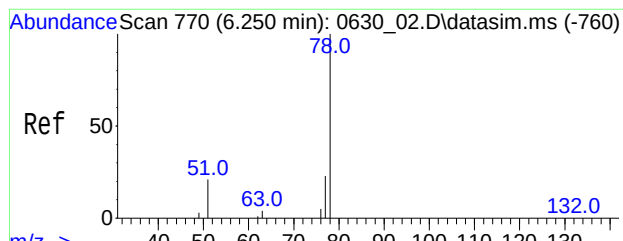
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	17740		
120	42.2	35.8	53.6	
77	17.5	12.2	18.2	



#84
Trichlorofluoromethane(sim)
Conc: 8\$ 0.252 ppbv
RT: 2.154 min Scan# 127
Delta R.T. -0.020 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

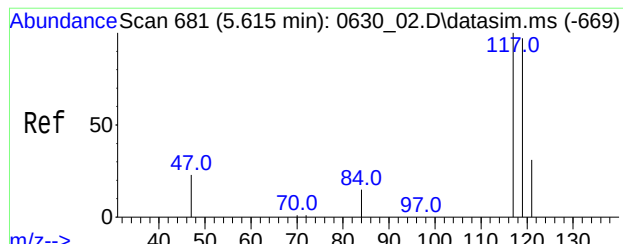
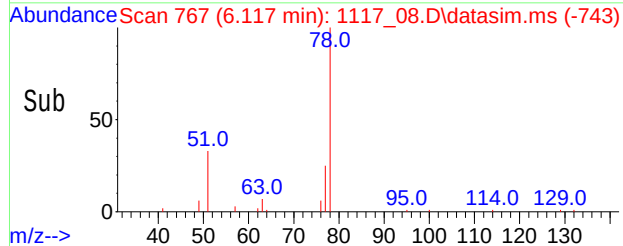
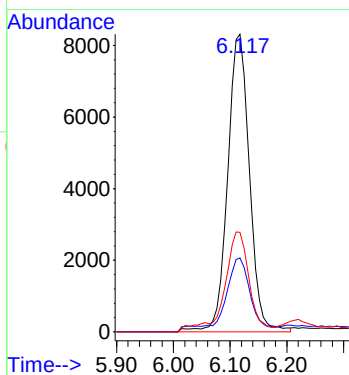
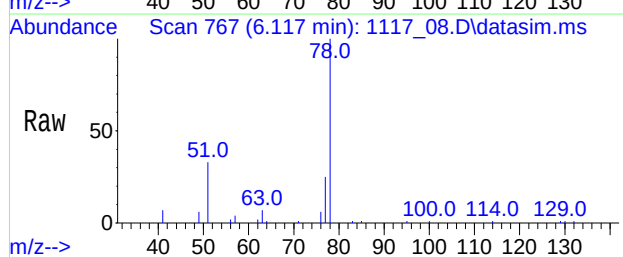
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	14509		
103	64.8	51.8	77.8	





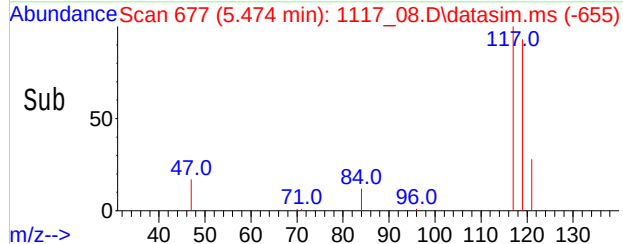
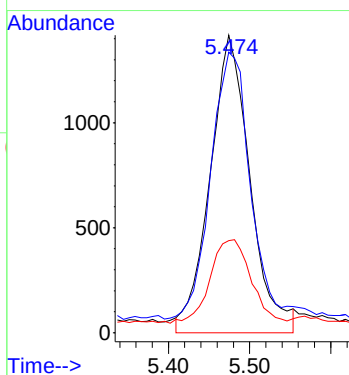
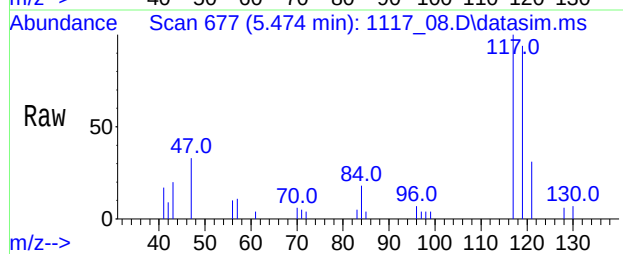
#86
Benzene(sim)
Conc: 8\$ 0.407 ppbv
RT: 6.117 min Scan# 767
Delta R.T. -0.035 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

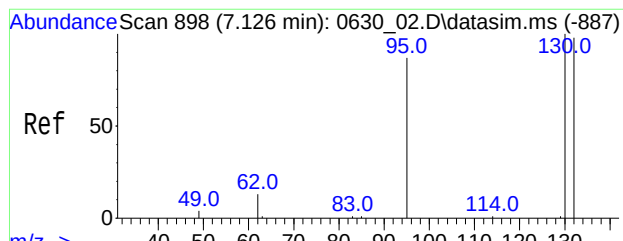
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.2	30.2
51	37.8	29.7	44.5



#87
Carbon Tetrachloride(sim)
Conc: 8\$ 0.091 ppbv
RT: 5.471 min Scan# 677
Delta R.T. -0.043 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

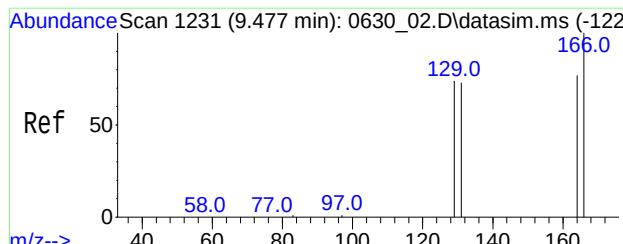
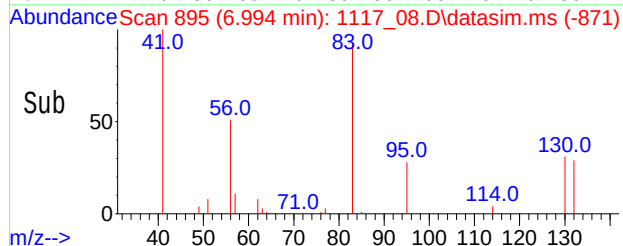
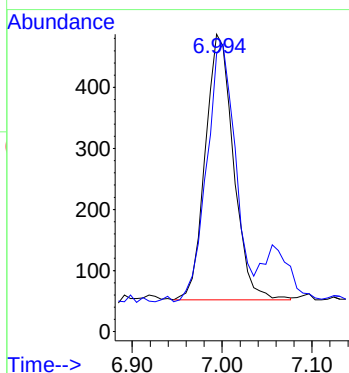
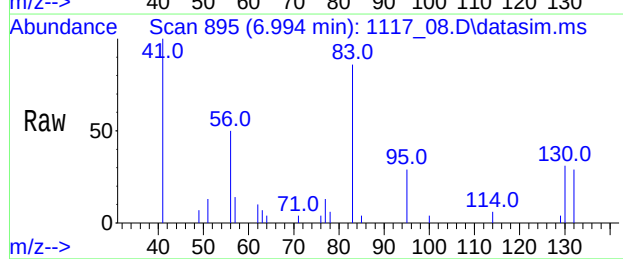
Tgt Ion	Ratio	Lower	Upper
117	100		
119	27.9	78.7	118.1#
121	17.5	22.8	34.2#





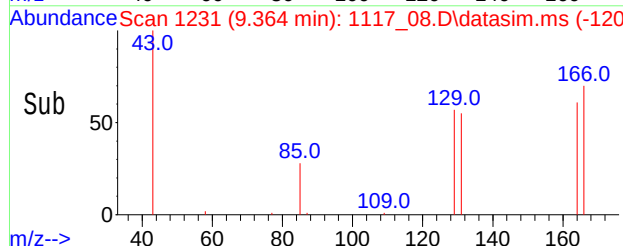
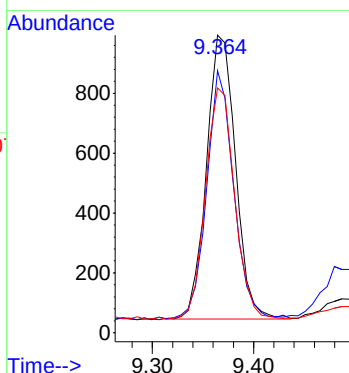
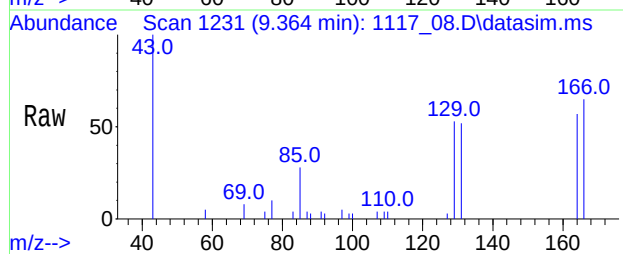
#98
Trichloroethene(sim)
Conc: 8\$ 0.037 ppbv
RT: 6.994 min Scan# 895
Delta R.T. -0.034 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

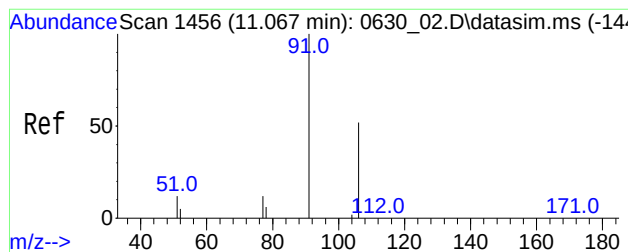
Tgt Ion: 130 Resp: 949
Ion Ratio Lower Upper
130 100
132 98.5 81.9 122.9



#104
Tetrachloroethene(sim)
Conc: 8\$ 0.055 ppbv
RT: 9.364 min Scan# 1231
Delta R.T. -0.029 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

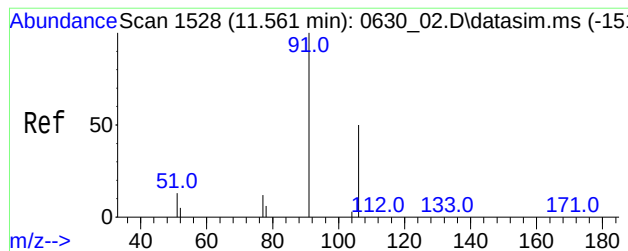
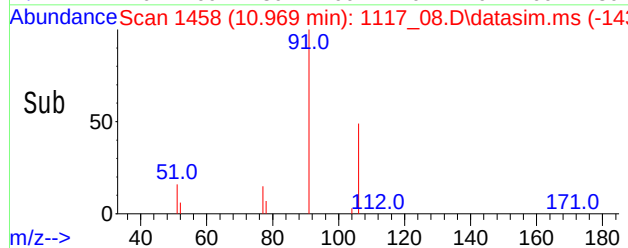
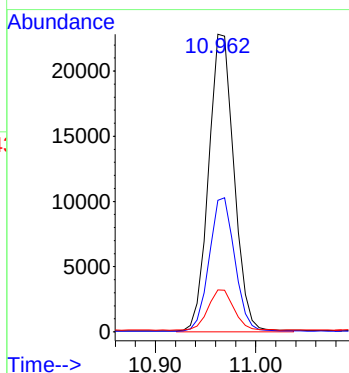
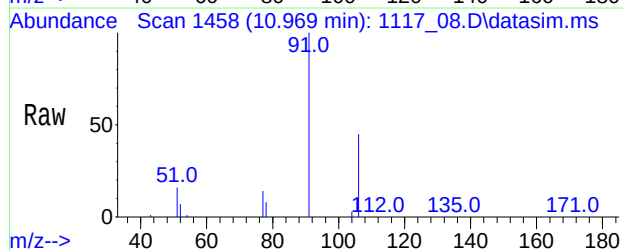
Tgt Ion: 166 Resp: 1889
Ion Ratio Lower Upper
166 100
164 81.9 57.0 97.0
129 81.7 54.1 94.1





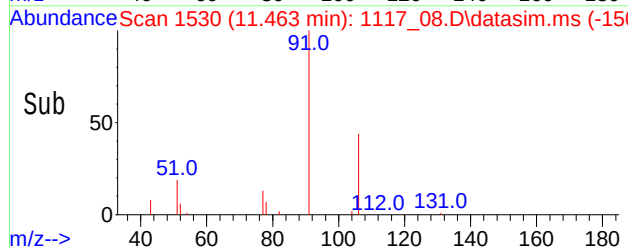
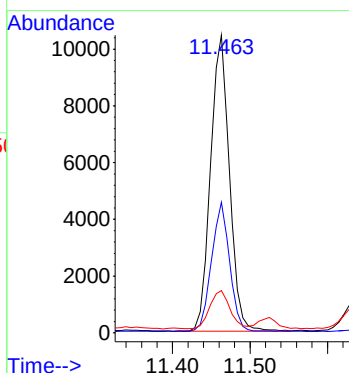
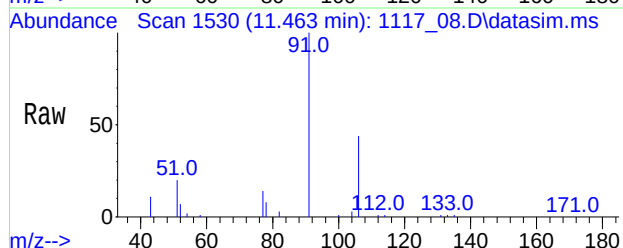
#109
m,p-Xylene(sim)
Conc: 8\$ 0.589 ppbv
RT: 10.966 min Scan# 1458
Delta R.T. -0.027 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	36468		
106	46.3	39.1	47.9	
77	14.0	11.3	16.9	



#110
o-Xylene(sim)
Conc: 8\$ 0.236 ppb
RT: 11.463 min Scan# 1530
Delta R.T. -0.021 min
Lab File: 1117_08.D
Acq: 17 Nov 2021 6:29 pm

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	17646		
106	41.9	29.0	43.6	
77	13.9	9.1	13.7#	



1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80292</u>
Canister:	<u>19969</u>	Lab File ID:	<u>1117_10.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
		Date Received:	<u>11/17/21</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.511		0.202	0.202	r
74-87-3	Chloromethane	0.517		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	11.6	S	0.531	0.531	r
67-64-1	Acetone	2.36	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.241		0.178	0.178	r
67-63-0	Isopropylalcohol	2.02	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.864	U	0.864	0.864	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.336		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.520		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
179601-23-1	m,p-Xylene	0.646		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80292</u>
Canister:	<u>19969</u>	Lab File ID:	<u>1117_10.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/17/21</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.066		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
95-47-6	o-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

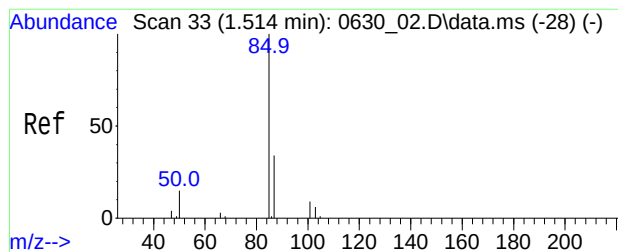
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1117_10.D
 Acq On : 17 Nov 2021 7:39 pm
 Operator : Keith
 Client ID : AA-02
 Lab ID : CJ80292
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Nov 18 09:23:07 2021
 Quant Method : H:\AIR2021\CHEM24\METHODS\24AIR_1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

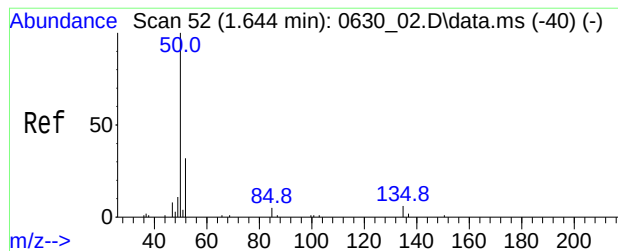
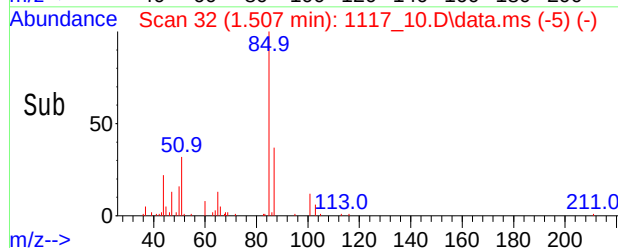
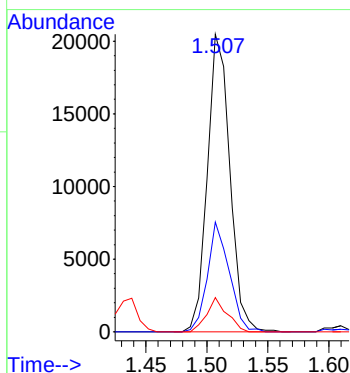
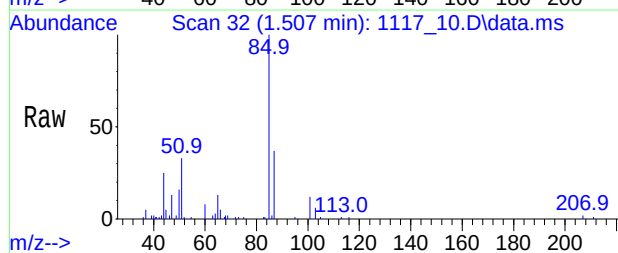
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.082	130	175143	10.000	ng	-0.04
36) 1,4-Difluorobenzene	7.053	114	597478	10.000	ng	-0.03
53) Chlorobenzene-d5	10.671	82	310318	10.000	ng	-0.02
80) Bromochloromethane(sim)	5.085	130	175961	10.000	ng	#-0.04
95) 1,4-Difluorobenzene(sim)	7.053	114	597478	10.000	ng	-0.03
105) Chlorobenzene-d5(sim)	10.671	82	310318	10.000	ng	-0.02
System Monitoring Compounds						
62) % Bromofluorobenzene	12.149	95	433182	9.914	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.10%	
Target Compounds						
						Qvalue
3) Dichlorodifluoromethane	1.507	85	26179	0.511	ppbv	98
4) Chloromethane	1.637	50	14534	0.517	ppbv	94
10) Ethanol	2.671	45	94069	11.639	ppbv#	94
12) Acetone	3.253	43	102531	2.359	ppbv	97
13) Trichlorofluoromethane	2.151	101	13563	0.241	ppbv	97
14) Isopropylalcohol	3.362	45	83991	2.015	ppbv#	48
33) Benzene	6.121	78	14678	0.336	ppbv	93
34) Carbon Tetrachloride	5.471	117	4181	0.079	ppbv	99
48) Toluene	8.892	91	27312	0.520	ppbv	98
52) Tetrachloroethene	9.368	166	2480	0.075	ppbv#	86
57) m,p-Xylene	10.966	91	38107	0.646	ppbv	98
84] Trichlorofluoromethane...	2.154	101	14156	0.255	ppbv	100
87] Carbon Tetrachloride(sim)	5.471	117	3850	0.078	ppbv#	87
104] Tetrachloroethene(sim)	9.364	166	2206	0.066	ppbv	98
109] m,p-Xylene(sim)	10.966	91	38061	0.639	ppbv	97

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



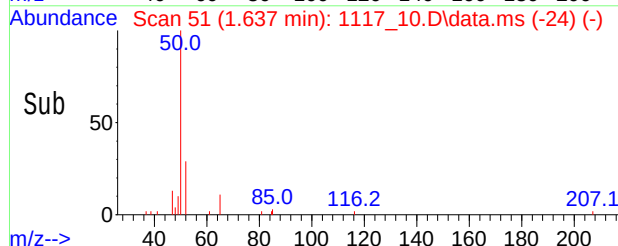
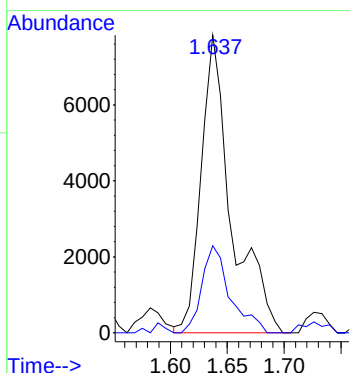
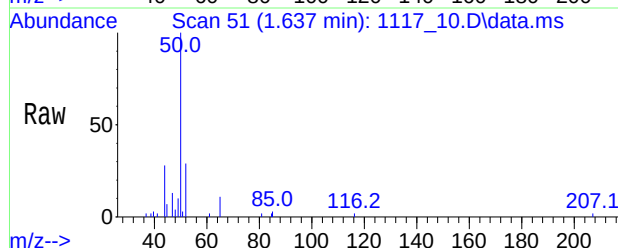
#3
Dichlorodifluoromethane
Conc: 8\$ 0.511 ppbv
RT: 1.507 min Scan# 32
Delta R.T. -0.014 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

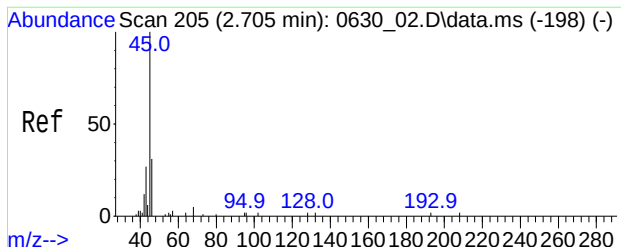
Tgt Ion	85	Resp	26179
Ratio	100	Lower	Upper
85	100		
87	35.7	27.4	41.2
101	10.5	8.3	12.5



#4
Chloromethane
Conc: 8\$ 0.517 ppbv
RT: 1.637 min Scan# 51
Delta R.T. -0.014 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

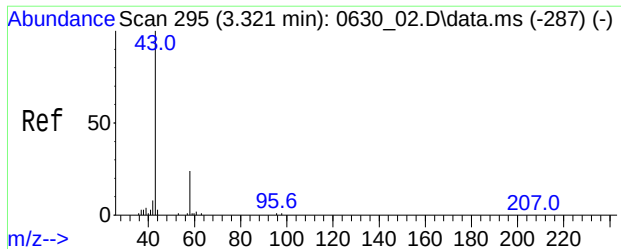
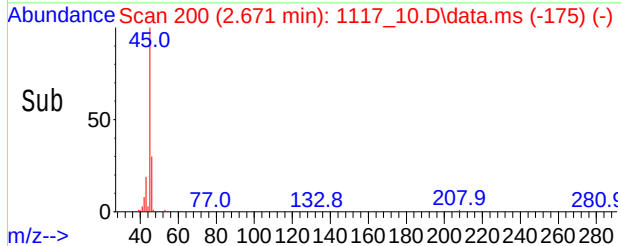
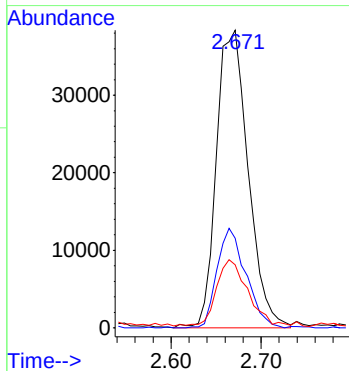
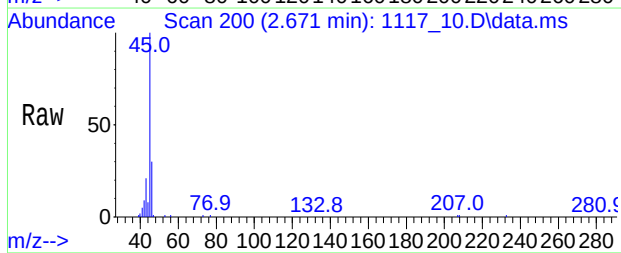
Tgt Ion	50	Resp	14534
Ratio	100	Lower	Upper
50	100		
52	27.2	4.0	44.0





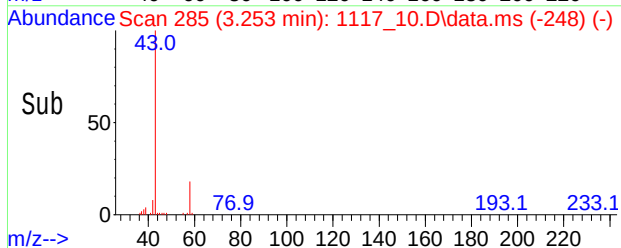
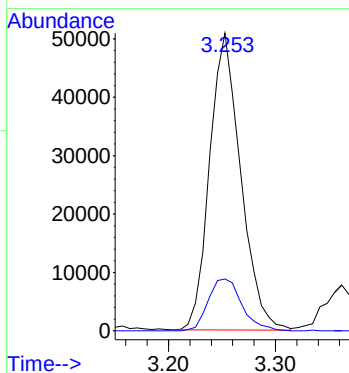
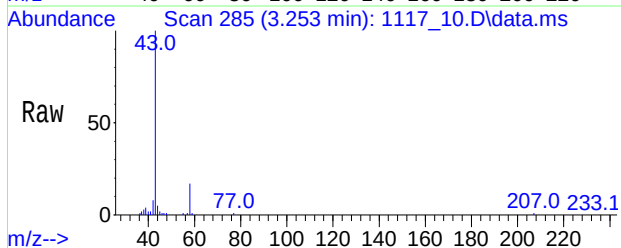
#10
Ethanol
Conc: 8\$ 11.639 ppbv
RT: 2.671 min Scan# 200
Delta R.T. -0.027 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

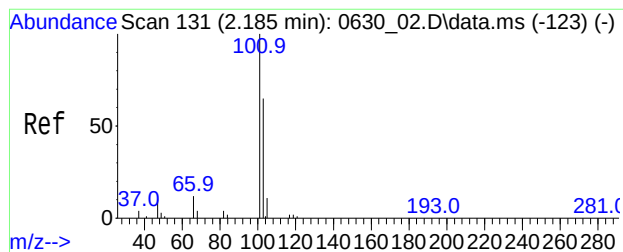
Tgt Ion	Ratio	Lower	Upper
45	100		
46	30.4	23.7	35.5
43	21.8	22.1	33.1#



#12
Acetone
Conc: 8\$ 2.359 ppbv
RT: 3.253 min Scan# 285
Delta R.T. -0.047 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

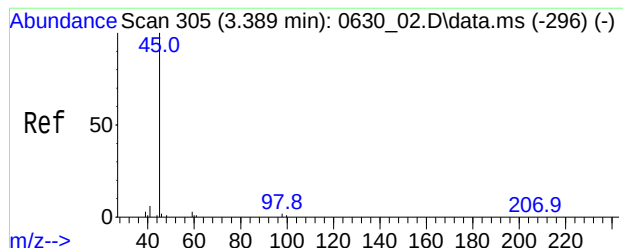
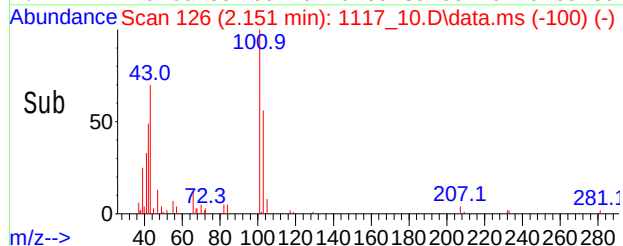
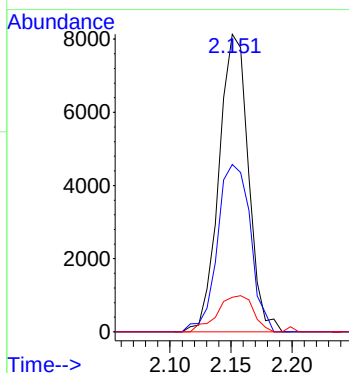
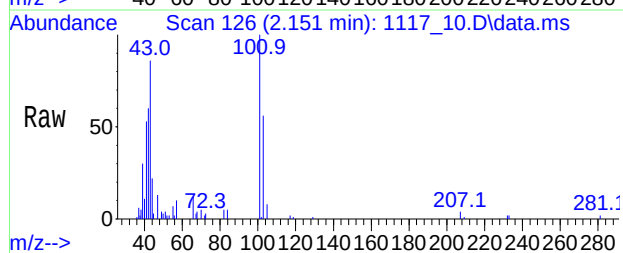
Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.9	16.1	24.1





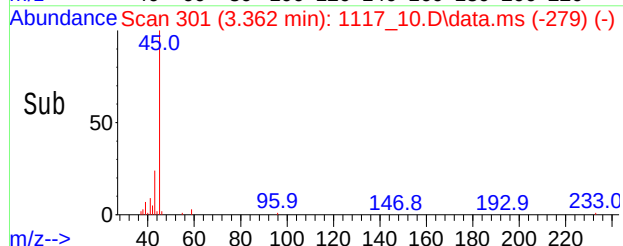
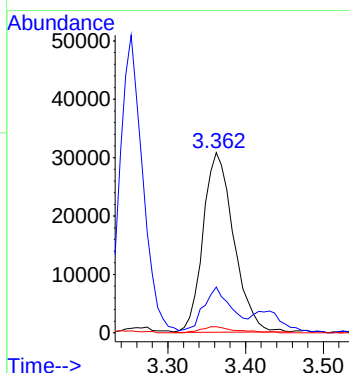
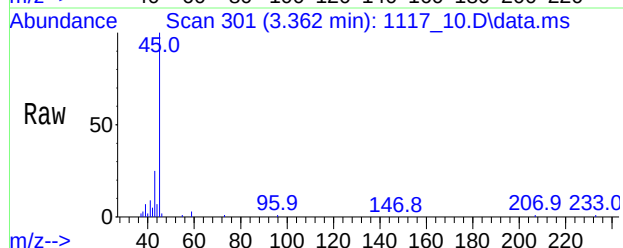
#13
Trichlorofluoromethane
Conc: 8\$ 0.241 ppbv
RT: 2.151 min Scan# 126
Delta R.T. -0.020 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	13563		
103	63.3	52.8	79.2	
66	15.0	11.2	16.8	

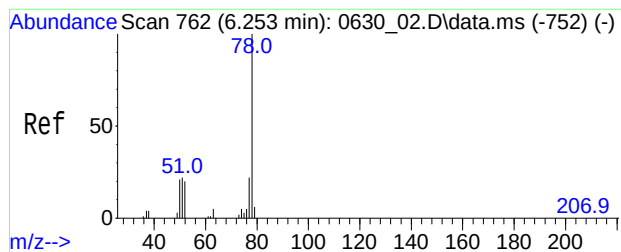


#14
Isopropylalcohol
Conc: 8\$ 2.015 ppbv
RT: 3.362 min Scan# 301
Delta R.T. -0.048 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	83991		
43	24.3	53.4	80.2#	
59	3.9	1.7	2.5#	

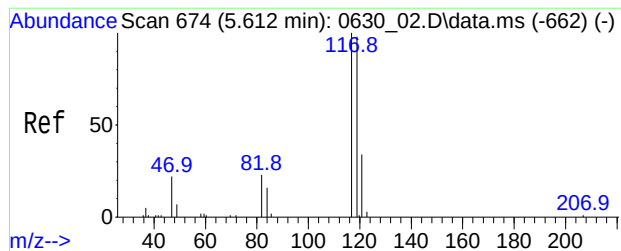
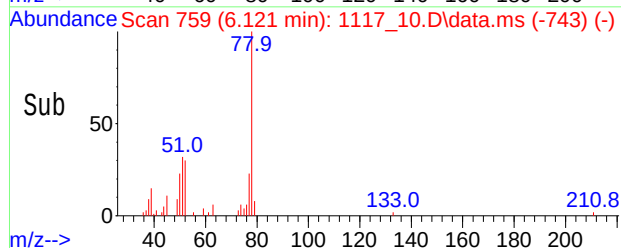
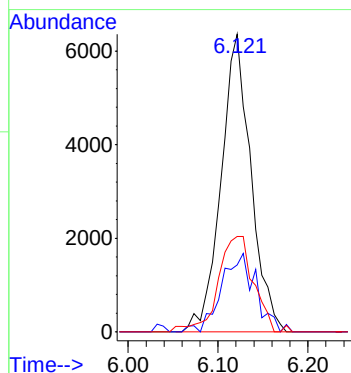
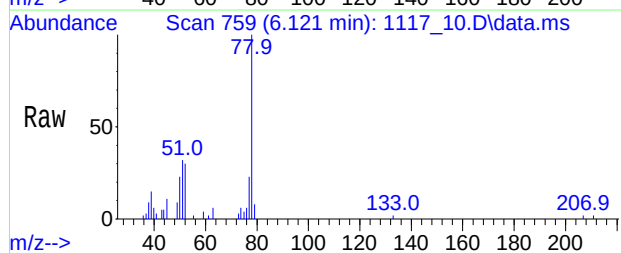


Flag N mass spectral interference.



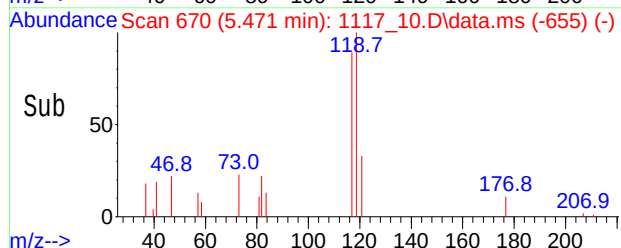
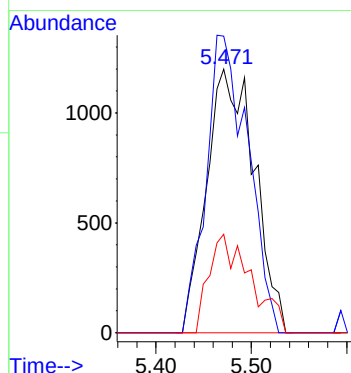
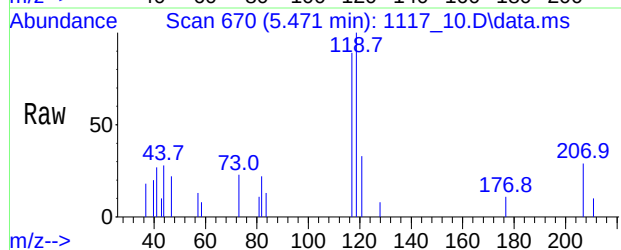
#33
Benzene
Conc: 8\$ 0.336 ppbv
RT: 6.121 min Scan# 759
Delta R.T. -0.028 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

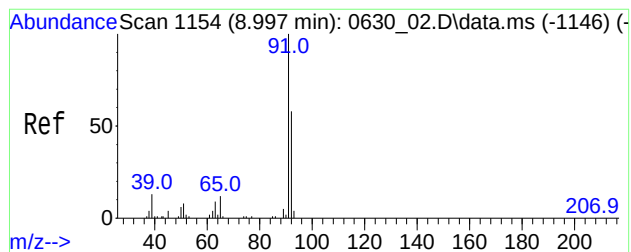
Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.5	22.2	33.2
51	37.7	26.2	39.2



#34
Carbon Tetrachloride
Conc: 8\$ Below Cal
RT: 5.471 min Scan# 670
Delta R.T. -0.043 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

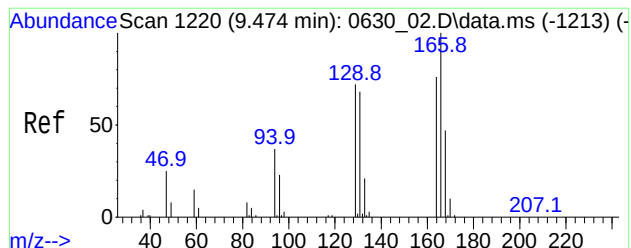
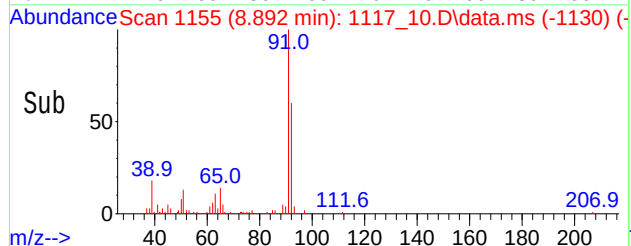
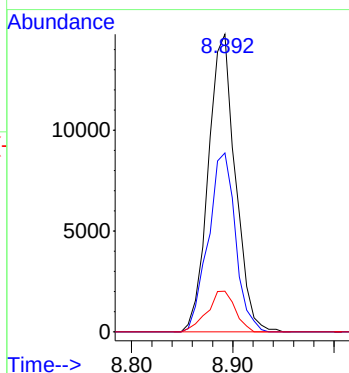
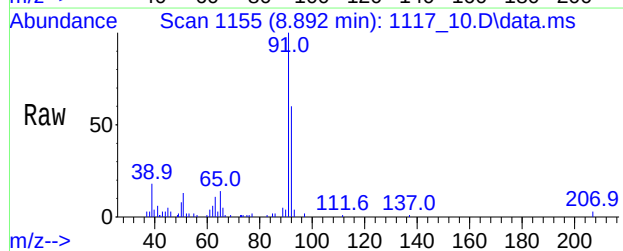
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.4	118.4
121	32.4	10.0	50.0





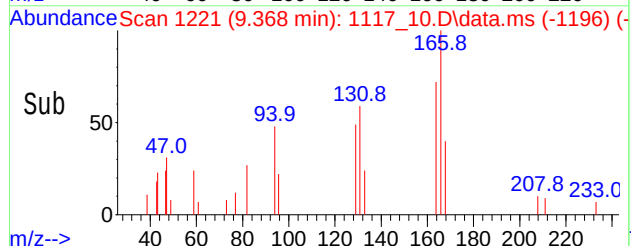
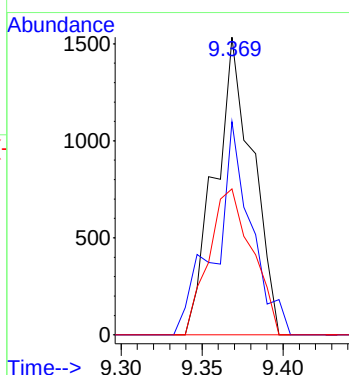
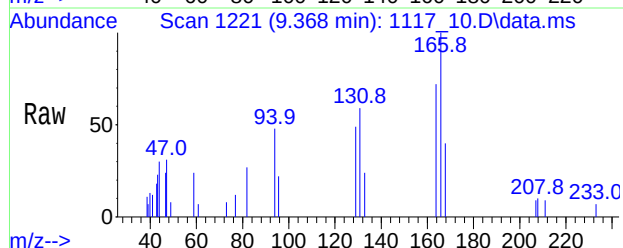
#48
Toluene
Conc: 8\$ 0.520 ppbv
RT: 8.892 min Scan# 1155
Delta R.T. -0.022 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

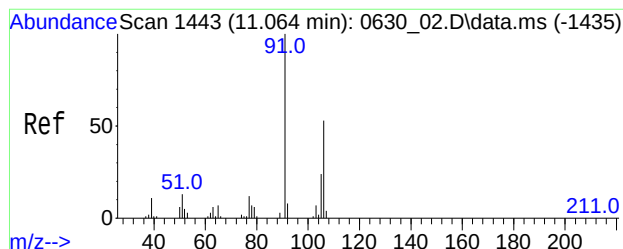
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	27312		
92	60.5	50.2	75.2	
65	14.1	11.5	17.3	



#52
Tetrachloroethene
Conc: 8\$ Below Cal
RT: 9.368 min Scan# 1221
Delta R.T. -0.022 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

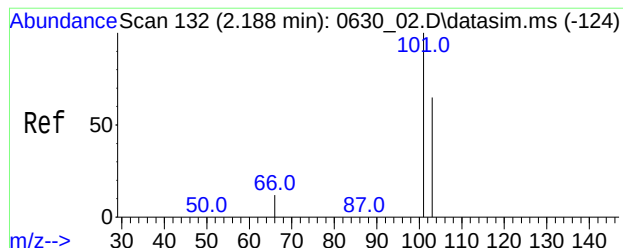
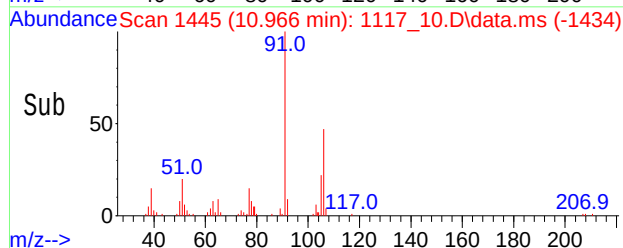
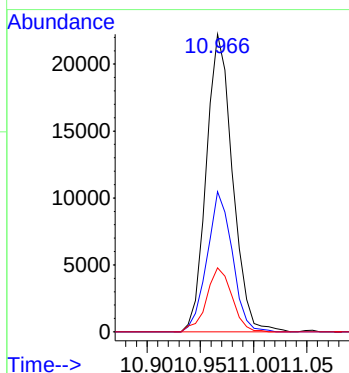
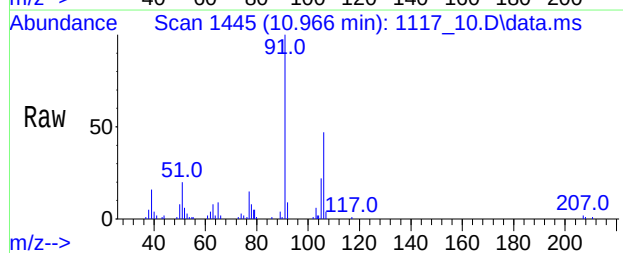
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2480		
164	68.2	61.7	92.5	
129	56.5	57.0	85.6#	





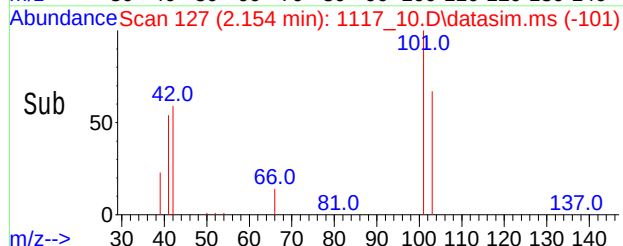
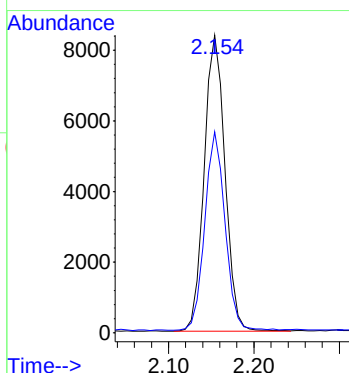
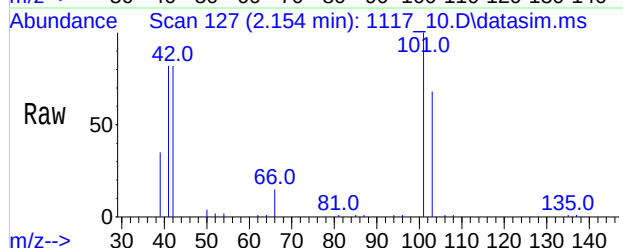
#57
m,p-Xylene
Conc: 8\$ 0.646 ppbv
RT: 10.966 min Scan# 1445
Delta R.T. -0.027 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

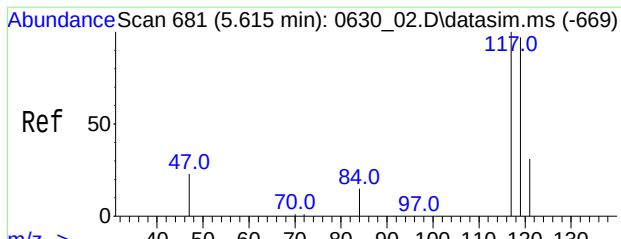
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	38107		
106	45.4	34.8	52.2	
105	20.9	16.6	25.0	



#84
Trichlorofluoromethane(sim)
Conc: 8\$ 0.255 ppbv
RT: 2.154 min Scan# 127
Delta R.T. -0.020 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

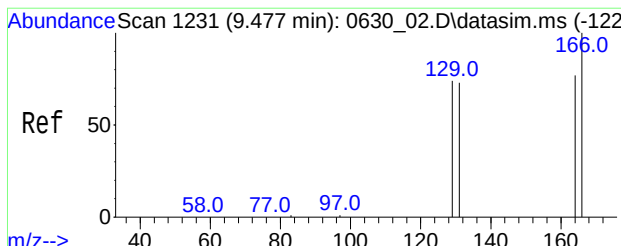
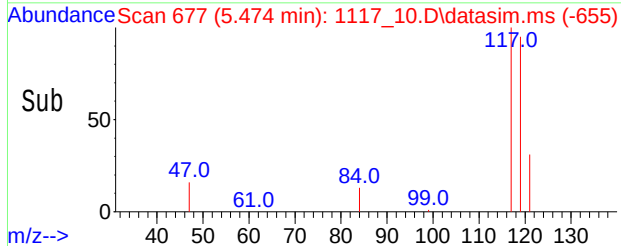
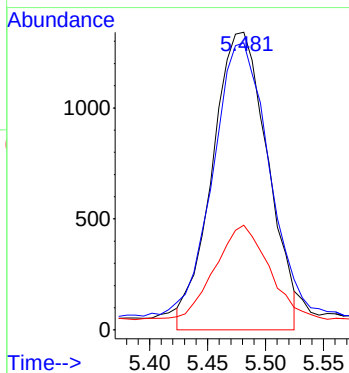
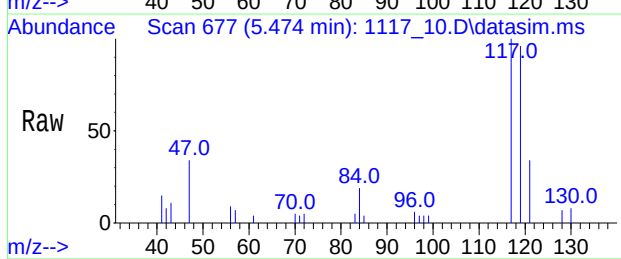
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	14156		
103	65.2	51.8	77.8	





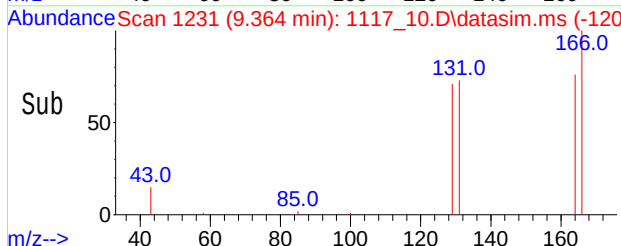
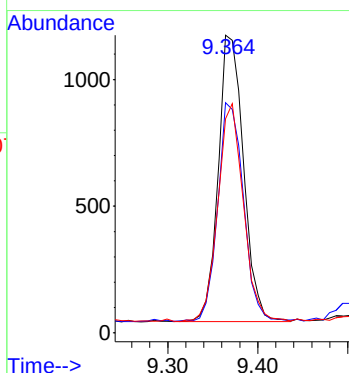
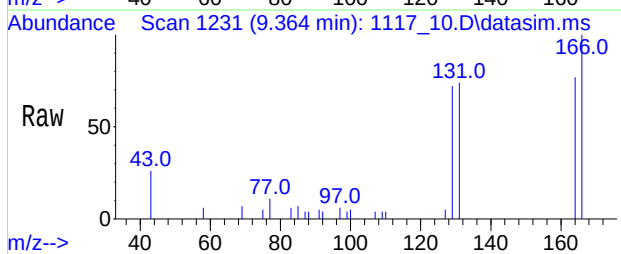
#87
Carbon Tetrachloride(sim)
Conc: 8\$ 0.078 ppbv
RT: 5.471 min Scan# 677
Delta R.T. -0.043 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

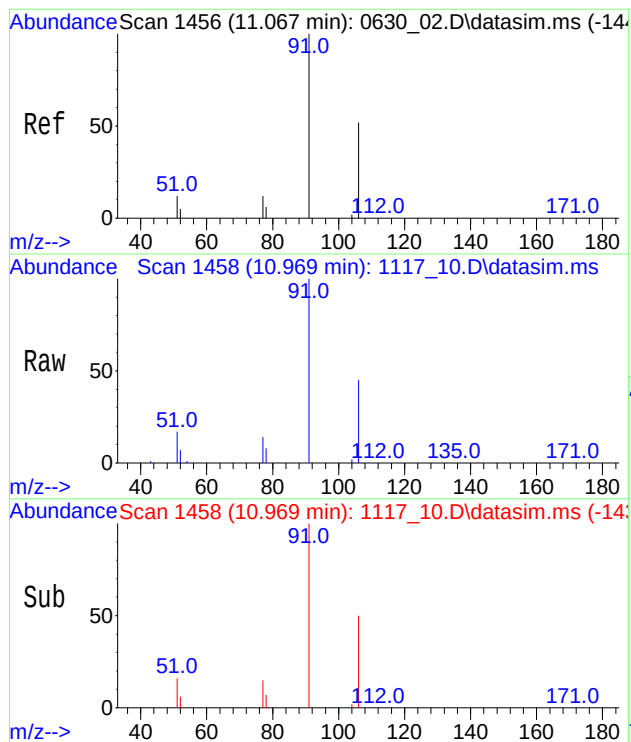
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3850		
119	106.9	78.7	118.1	
121	12.6	22.8	34.2#	



#104
Tetrachloroethene(sim)
Conc: 8\$ 0.066 ppbv
RT: 9.364 min Scan# 1231
Delta R.T. -0.029 min
Lab File: 1117_10.D
Acq: 17 Nov 2021 7:39 pm

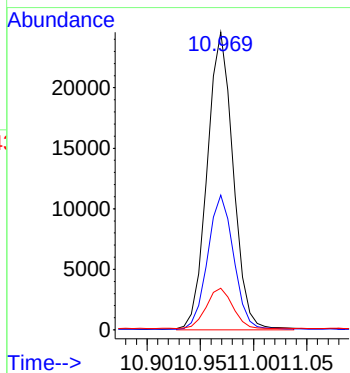
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2206		
164	77.4	57.0	97.0	
129	77.1	54.1	94.1	





#109
 m,p-Xylene(sim)
 Conc: 8\$ 0.639 ppbv
 RT: 10.966 min Scan# 1458
 Delta R.T. -0.027 min
 Lab File: 1117_10.D
 Acq: 17 Nov 2021 7:39 pm

Tgt	Ion: 91	Resp:	38061
Ion	Ratio	Lower	Upper
91	100		
106	45.4	39.1	47.9
77	15.8	11.3	16.9



1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80293 5X</u>
Canister:	<u>217</u>	Lab File ID:	<u>1117_14.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/17/21</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	86.0	S	2.66	2.66	r
67-64-1	Acetone	36.7	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.54	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-35-4	1,1-Dichloroethene	16.4		0.252	0.252	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	3.68		1.61	1.61	r
75-34-3	1,1-Dichloroethane	21.4		1.24	1.24	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	25.0		1.70	1.70	r
110-54-3	Hexane	9.74	S	1.42	1.42	r
67-66-3	Chloroform	4.11		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
71-55-6	1,1,1-Trichloroethane	625	E	0.917	0.917	r
71-43-2	Benzene	2.80		1.57	1.57	r
110-82-7	Cyclohexane	6.38		1.45	1.45	r
79-01-6	Trichloroethene	1.08		0.186	0.186	r
142-82-5	Heptane	4.71		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	6.86		1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	14.4		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.67		1.22	1.22	r
127-18-4	Tetrachloroethene	3.53		0.184	0.184	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	3.53		1.15	1.15	r
179601-23-1	m,p-Xylene	11.6		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	3.09		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	2.24		1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>GZA-NY</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>G CJ80288</u>	Lab Sample ID:	<u>CJ80293 5X</u>
Canister:	<u>217</u>	Lab File ID:	<u>1117_14.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-VMS</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>11/17/21</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>11/17/21</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.88		1.02	1.02	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.391	U	0.391	0.391	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
630-20-6	1,1,1,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1117_14.D
 Acq On : 17 Nov 2021 9:50 pm
 Operator : Keith
 Client ID : SV-13 5X
 Lab ID : CJ80293 5X
 ALS Vial : 44 Sample Multiplier: 1

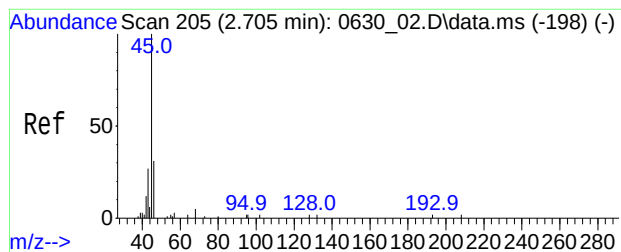
Quant Time: Nov 18 09:29:34 2021
 Quant Method : H:\AIR2021\CHEM24\METHODS\24AIR_1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.089	130	185847	10.000	ng	-0.03
36) 1,4-Difluorobenzene	7.059	114	633016	10.000	ng	-0.02
53) Chlorobenzene-d5	10.671	82	331110	10.000	ng	-0.02
80) Bromochloromethane(sim)	5.085	130	188220	10.000	ng	#-0.04
95) 1,4-Difluorobenzene(sim)	7.059	114	633016	10.000	ng	-0.02
105) Chlorobenzene-d5(sim)	10.671	82	331110	10.000	ng	-0.02

System Monitoring Compounds						
62) % Bromofluorobenzene	12.149	95	481053	10.319	ppbv	-0.01
Spiked Amount	10.000	Range	70 - 130	Recovery	=	103.20%

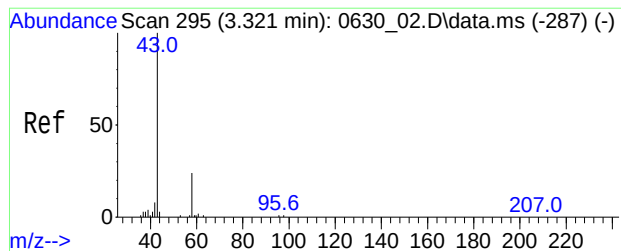
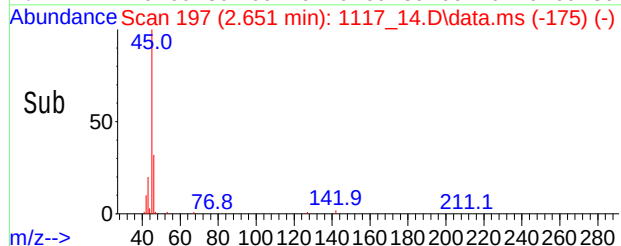
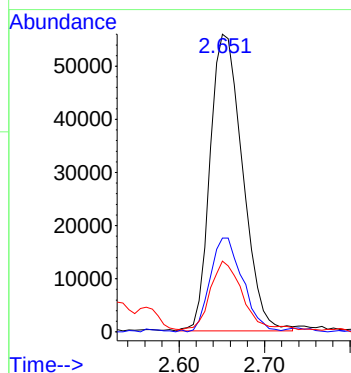
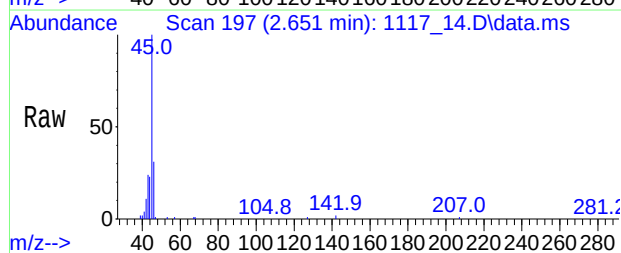
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Ethanol	2.651	45	147456	17.194	ppbv	95
12) Acetone	3.232	43	338669	7.343	ppbv	97
14) Isopropylalcohol	3.355	45	22411	0.507	ppbv#	19
16) 1,1-Dichloroethene	2.562	61	118490	3.279	ppbv	88
20) Carbon Disulfide	2.569	76	35275m	0.736	ppbv	97
23) 1,1-Dichloroethane	3.988	63	143700	4.280	ppbv	98
25) Methyl Ethyl Ketone	5.846	43	262485	5.002	ppbv	95
27) Hexane	3.437	57	57201	1.948	ppbv#	44
28) Chloroform	5.291	83	36092	0.822	ppbv#	80
32) 1,1,1-Trichloroethane	5.565	97	6144758	125.033	ppbv	96
33) Benzene	6.121	78	25868	0.559	ppbv#	87
35) Cyclohexane	5.154	56	40080	1.275	ppbv	94
39) Trichloroethene	7.012	130	5550	0.215	ppbv	93
43) Heptane	6.286	43	42181	0.941	ppbv	97
45) 4-Methyl-2-pentanone(M...)	9.477	43	85751	1.371	ppbv	95
48) Toluene	8.892	91	160304	2.882	ppbv	96
50) 2-Hexanone(MBK)	10.479	43	19876	0.332	ppbv#	89
52) Tetrachloroethene	9.369	166	24727	0.705	ppbv	97
56) Ethylbenzene	10.788	91	57755	0.705	ppbv	96
57) m,p-Xylene	10.973	91	145882	2.317	ppbv	97
61) o-Xylene	11.467	91	46614	0.617	ppbv#	91
66) 4-Ethyltoluene	12.506	105	40803	0.447	ppbv	96
68) 1,2,4-Trimethylbenzene	13.083	105	28561	0.375	ppbv	98
85) 1,1,1-Trichloroethane(...)	5.565	97	6146714	122.798	ppbv#	96
86) Benzene(sim)	6.124	78	28032	0.496	ppbv	93
88) 1,1-Dichloroethene(sim)	2.565	61	128211	3.452	ppbv	96
91) 1,1-Dichloroethane(sim)	3.988	63	143625	4.149	ppbv	98
93) Chloroform(sim)	5.291	83	36092	0.838	ppbv#	80
98) Trichloroethene(sim)	7.008	130	5919	0.223	ppbv	98
104) Tetrachloroethene(sim)	9.371	166	25902	0.733	ppbv	98
108) Ethylbenzene(sim)	10.784	91	61919	0.767	ppb	99
109) m,p-Xylene(sim)	10.973	91	145888	2.295	ppbv	97
110) o-Xylene(sim)	11.463	91	51073	0.666	ppb	91

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



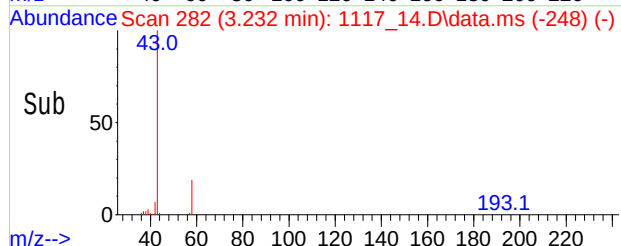
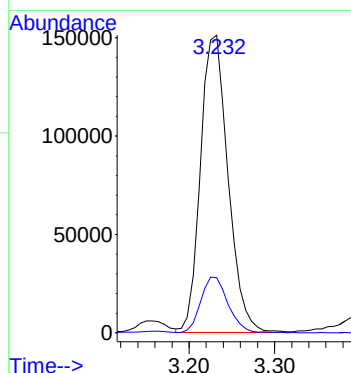
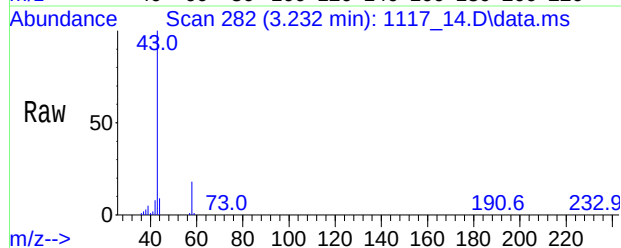
#10
Ethanol
Conc: 8\$ 17.194 ppbv
RT: 2.651 min Scan# 197
Delta R.T. -0.047 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

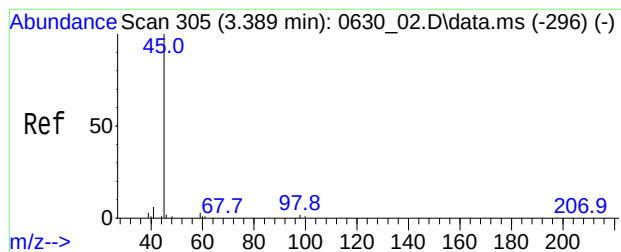
Tgt Ion	Ratio	Lower	Upper
45	100		
46	31.7	23.7	35.5
43	24.0	22.1	33.1



#12
Acetone
Conc: 8\$ 7.343 ppbv
RT: 3.232 min Scan# 282
Delta R.T. -0.068 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

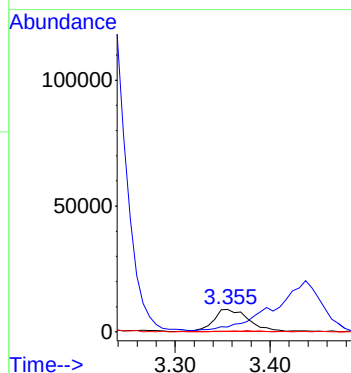
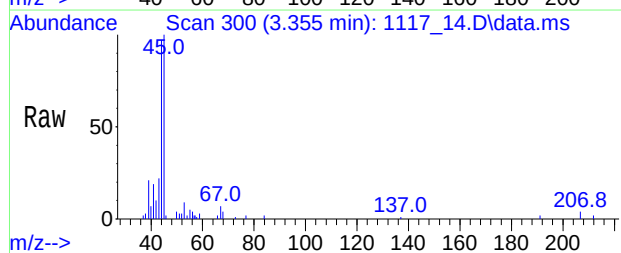
Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.6	16.1	24.1



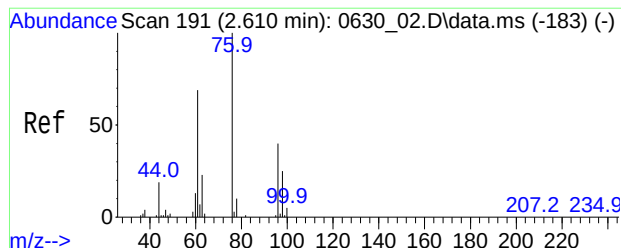
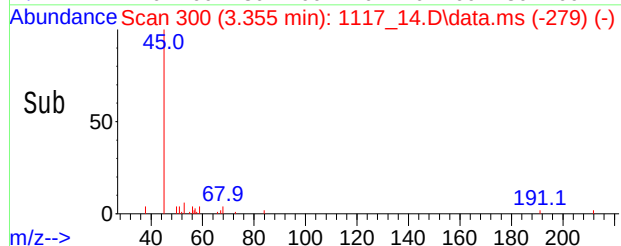


#14
Isopropylalcohol
Conc: 8\$ 0.507 ppbv
RT: 3.355 min Scan# 300
Delta R.T. -0.055 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

Tgt Ion: 45 Resp: 22411
Ion Ratio Lower Upper
45 100
43 0.0 53.4 80.2#
59 5.3 1.7 2.5#

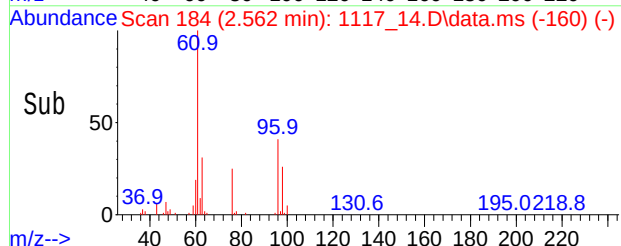
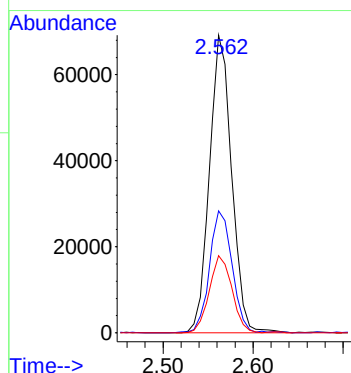
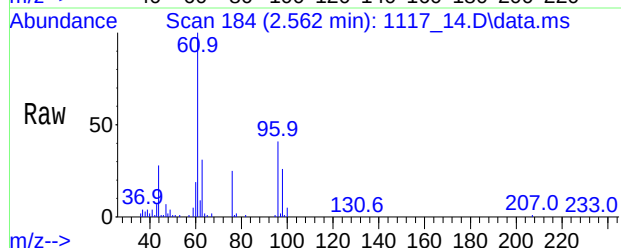


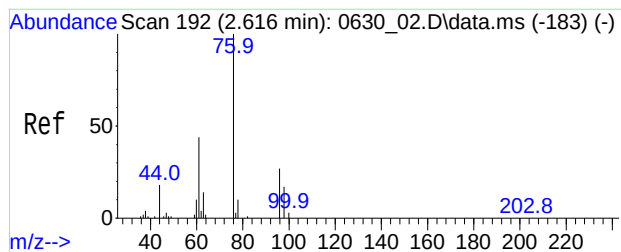
Flag N - mass spectral interference.



#16
1,1-Dichloroethene
Conc: 8\$ 3.279 ppbv
RT: 2.562 min Scan# 184
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

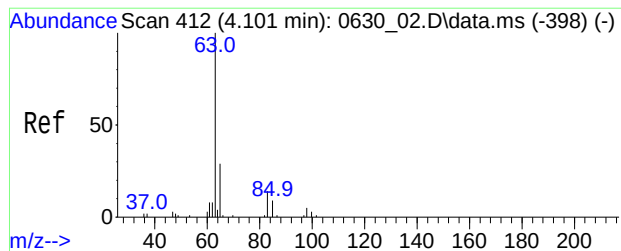
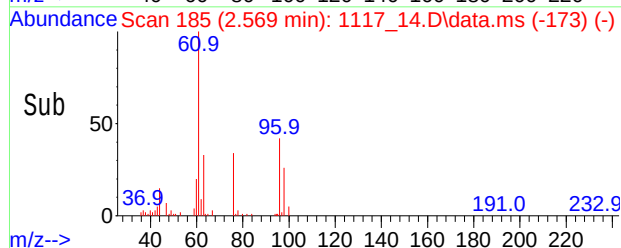
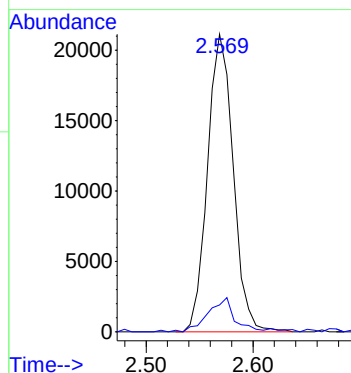
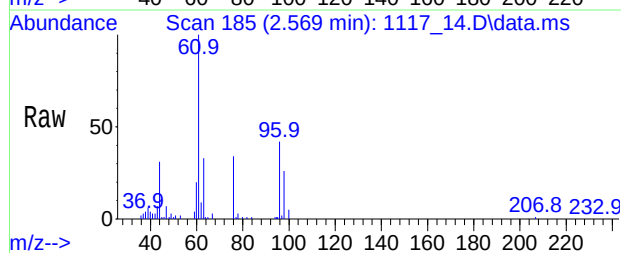
Tgt Ion: 61 Resp: 118490
Ion Ratio Lower Upper
61 100
96 41.9 40.9 61.3
98 26.5 26.2 39.2





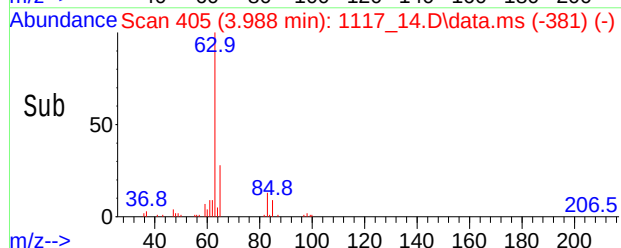
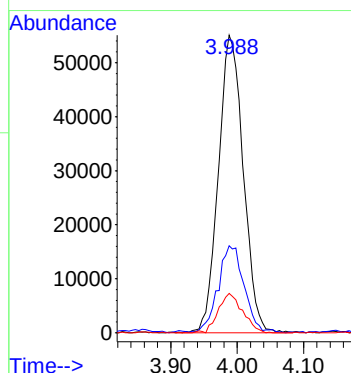
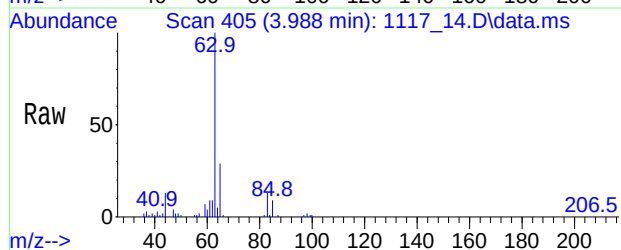
#20
Carbon Disulfide
Conc: 8\$ 0.736 ppbv
RT: 2.569 min Scan# 185
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

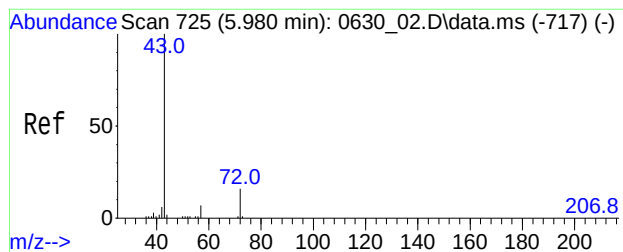
Tgt Ion: 76 Resp: 35275
Ion Ratio Lower Upper
76 100
78 11.7 10.3 15.5



#23
1,1-Dichloroethane
Conc: 8\$ 4.280 ppbv
RT: 3.988 min Scan# 405
Delta R.T. -0.030 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

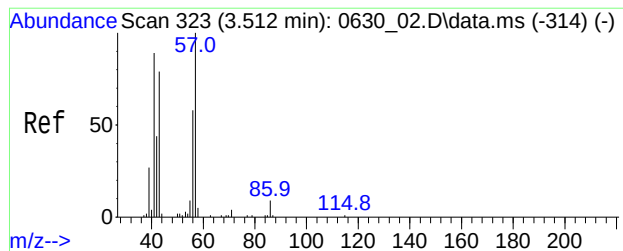
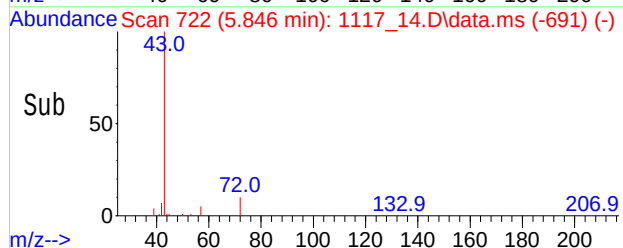
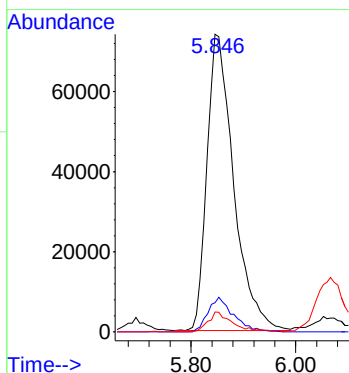
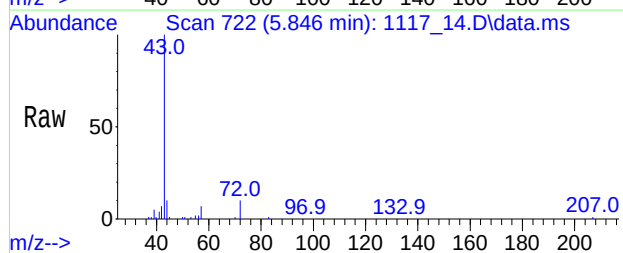
Tgt Ion: 63 Resp: 143700
Ion Ratio Lower Upper
63 100
65 30.8 11.8 51.8
83 13.0 0.0 34.1





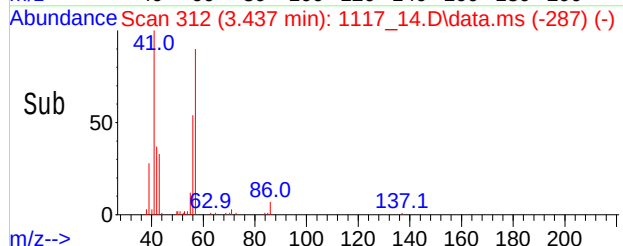
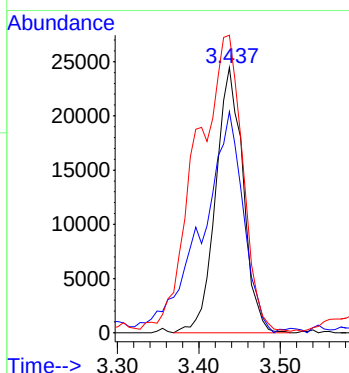
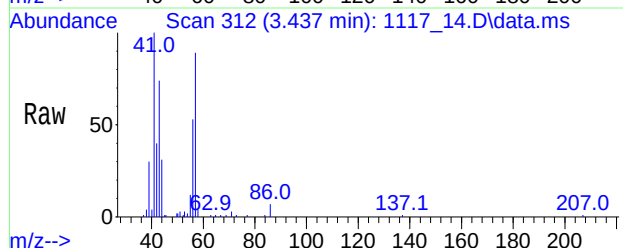
#25
Methyl Ethyl Ketone
Conc: 8\$ 5.002 ppbv
RT: 5.846 min Scan# 722
Delta R.T. -0.079 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
72	11.1	10.6	15.8
57	6.2	0.0	0.0#

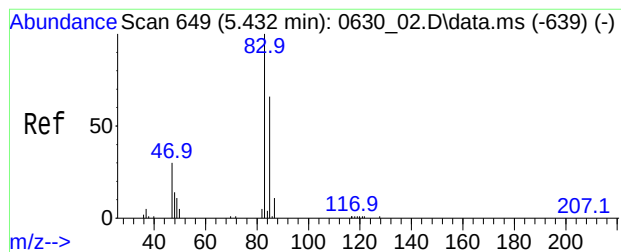


#27
Hexane
Conc: 8\$ 1.948 ppbv
RT: 3.437 min Scan# 312
Delta R.T. -0.028 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

Tgt Ion	Ratio	Lower	Upper
57	100		
43	126.9	75.4	113.0#
41	187.8	87.3	130.9#

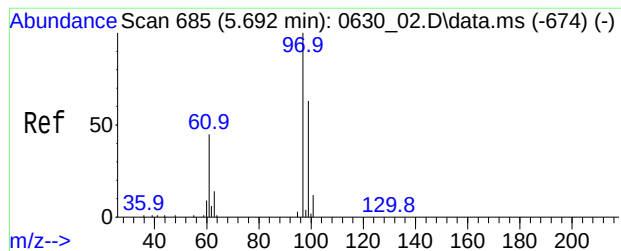
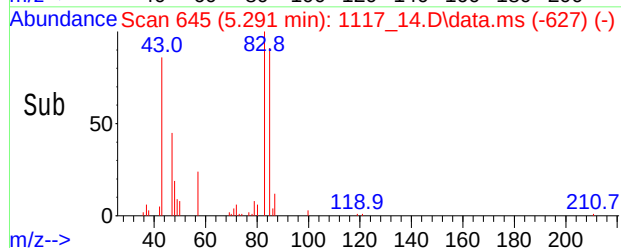
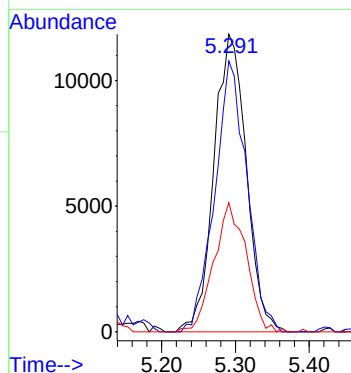
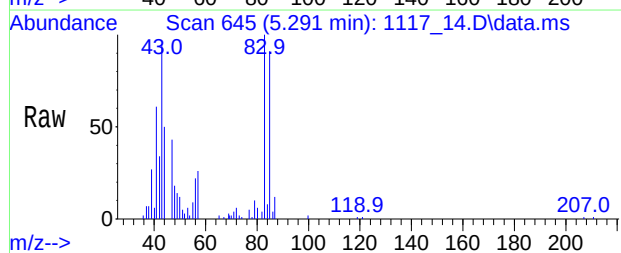


spectra looks good even though ratios are out.



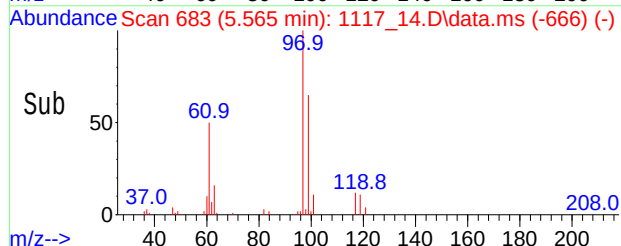
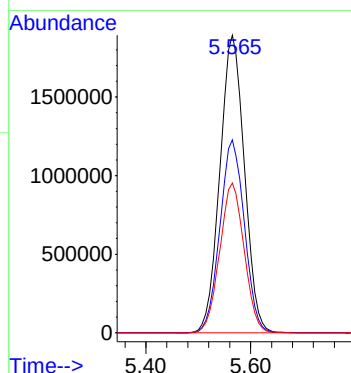
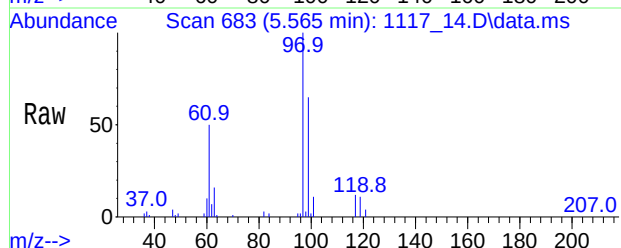
#28
Chloroform
Conc: 8\$ 0.822 ppbv
RT: 5.291 min Scan# 645
Delta R.T. -0.021 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

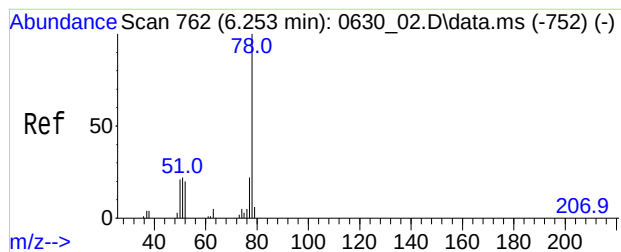
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	36092		
85	90.2	48.5	88.5#	
47	43.3	18.0	58.0	



#32
1,1,1-Trichloroethane
Conc: 8\$ 125.033 ppbv
RT: 5.565 min Scan# 683
Delta R.T. -0.029 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

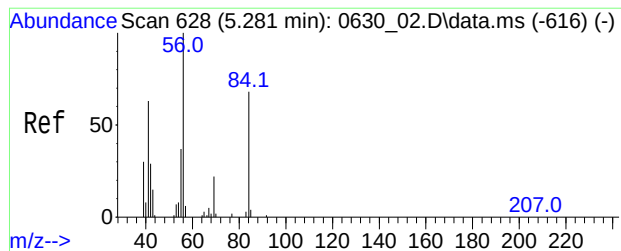
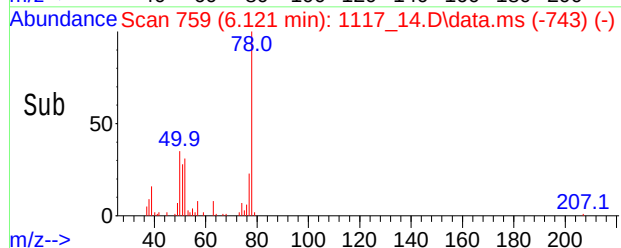
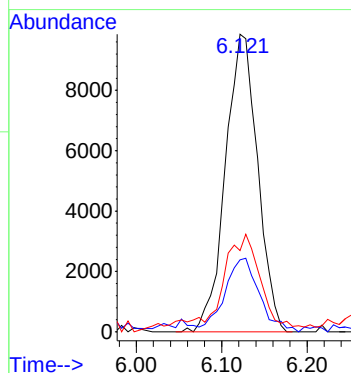
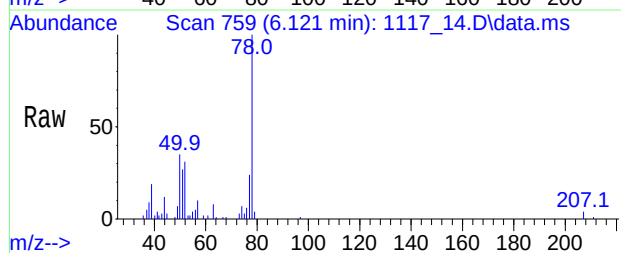
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	6144758		
99	64.8	47.7	71.5	
61	50.2	40.5	60.7	





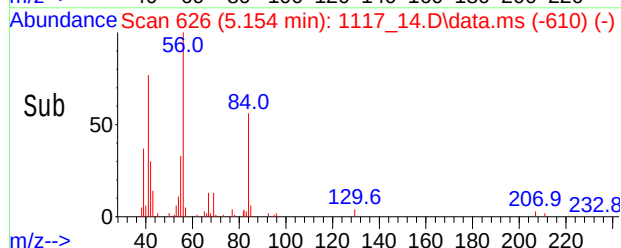
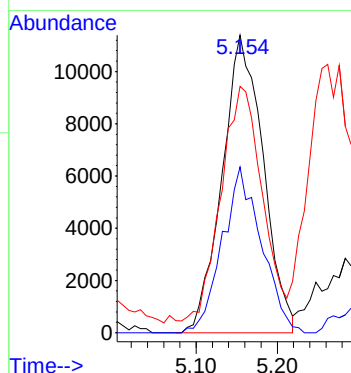
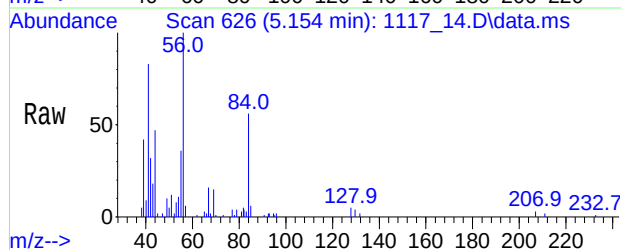
#33
Benzene
Conc: 8\$ 0.559 ppbv
RT: 6.121 min Scan# 759
Delta R.T. -0.028 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

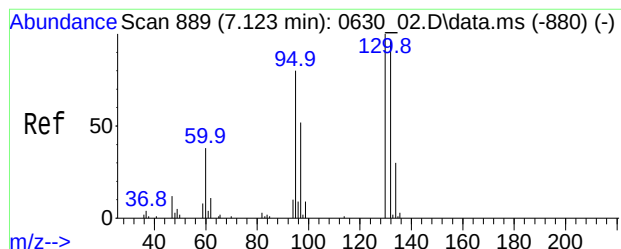
Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.5	22.2	33.2
51	44.6	26.2	39.2#



#35
Cyclohexane
Conc: 8\$ 1.275 ppbv
RT: 5.154 min Scan# 626
Delta R.T. -0.036 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

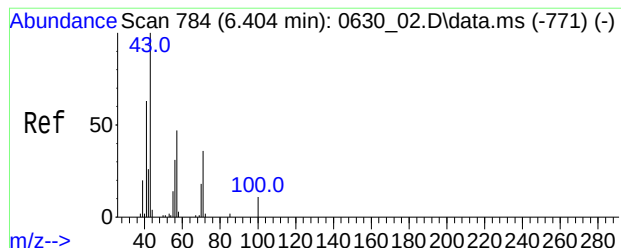
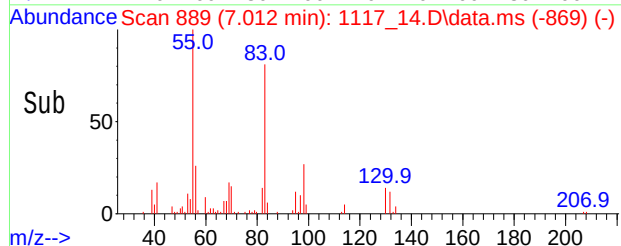
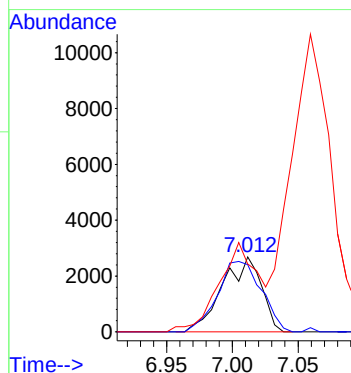
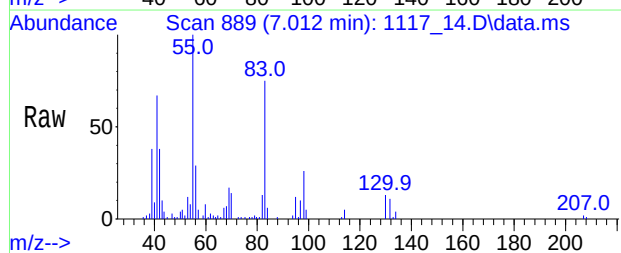
Tgt Ion	Ratio	Lower	Upper
56	100		
84	53.0	40.2	60.4
41	78.1	57.8	86.6





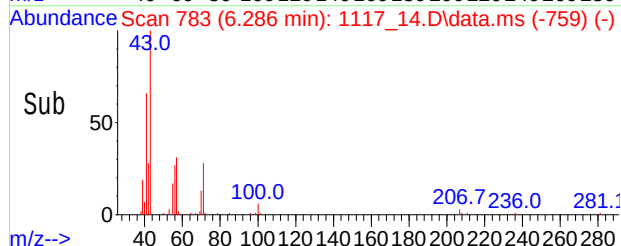
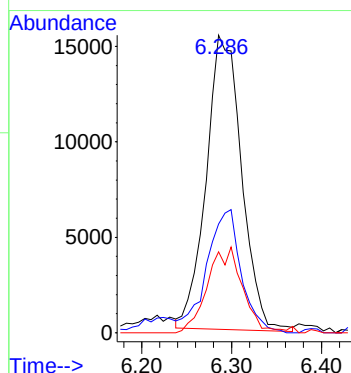
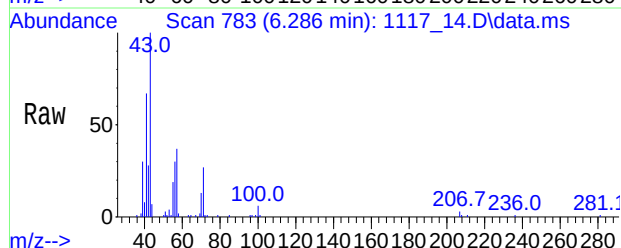
#39
Trichloroethene
Conc: 8\$ 0.215 ppbv
RT: 7.012 min Scan# 889
Delta R.T. -0.013 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

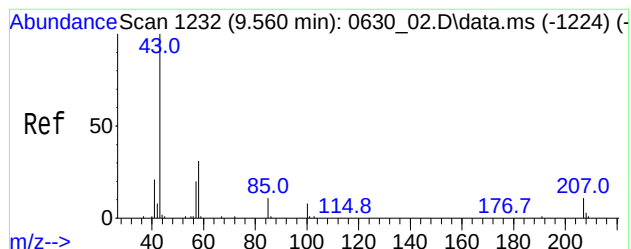
Tgt Ion	Ratio	Resp	Lower	Upper
130	100	5550		
132	105.8	83.8	125.8	
95	118.8	84.6	126.8	



#43
Heptane
Conc: 8\$ 0.941 ppbv
RT: 6.286 min Scan# 783
Delta R.T. -0.034 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

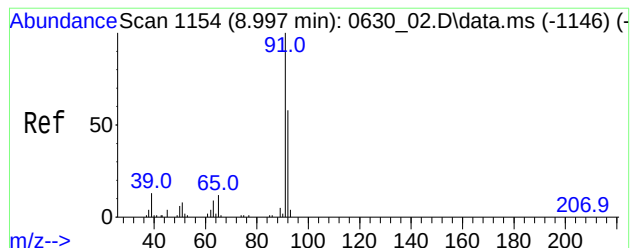
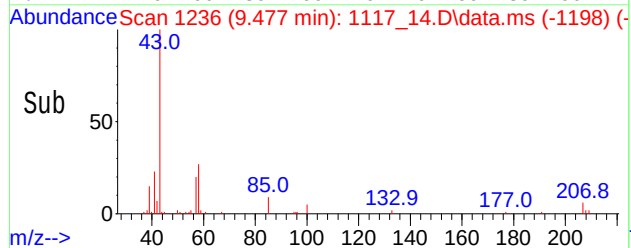
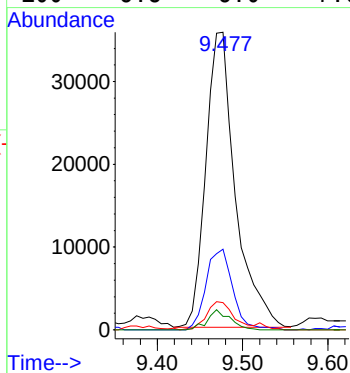
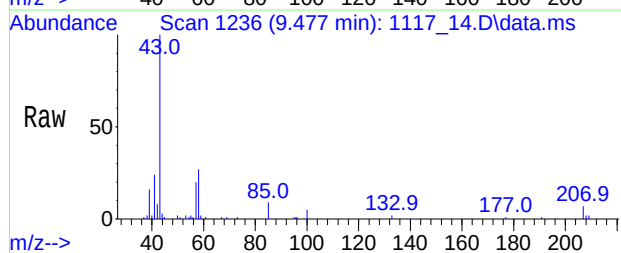
Tgt Ion	Ratio	Resp	Lower	Upper
43	100	42181		
57	41.1	31.8	47.6	
71	29.2	22.1	33.1	





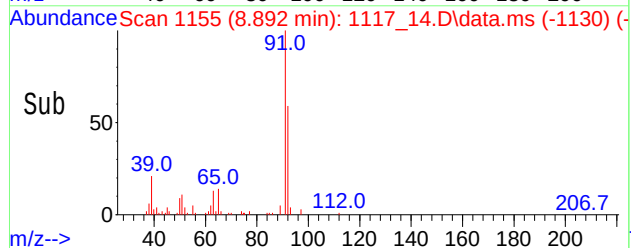
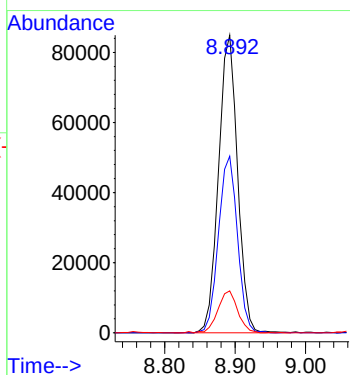
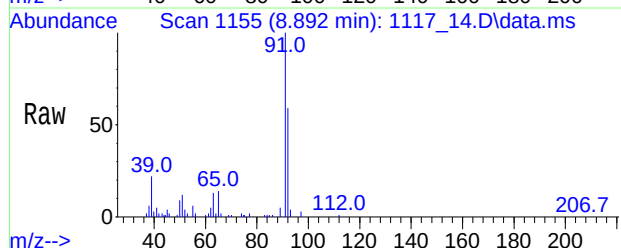
#45
4-Methyl-2-pentanone(MIBK)
Conc: 8\$ 1.371 ppbv
RT: 9.477 min Scan# 1236
Delta R.T. -0.029 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

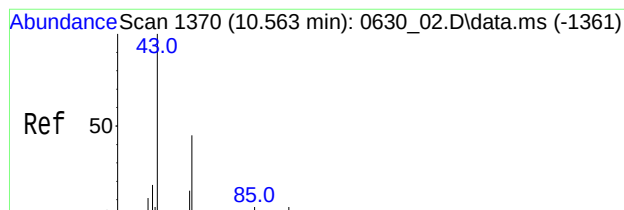
Tgt Ion	Ratio	Resp	Lower	Upper
43	100	85751		
58	24.8	23.0	34.4	
85	9.6	8.2	12.4	
100	5.3	5.0	7.6	



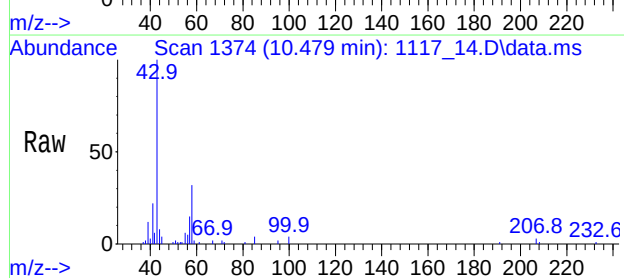
#48
Toluene
Conc: 8\$ 2.882 ppbv
RT: 8.892 min Scan# 1155
Delta R.T. -0.022 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	160304		
92	59.0	50.2	75.2	
65	14.7	11.5	17.3	

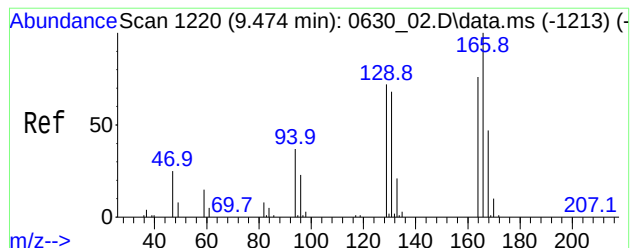
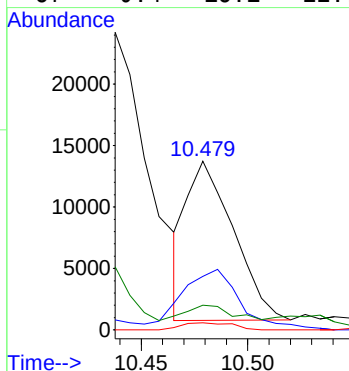
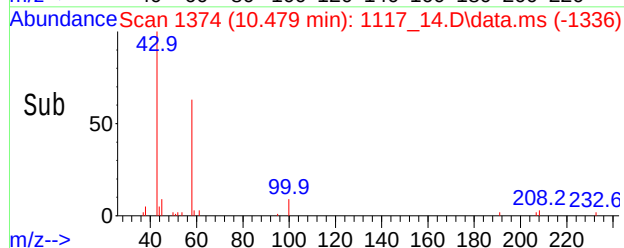




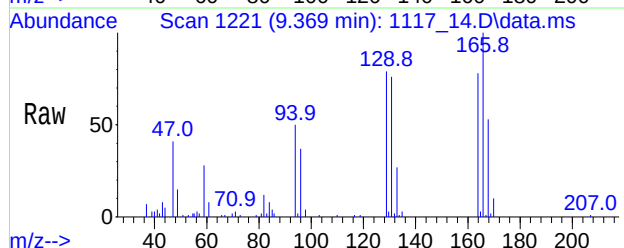
#50
2-Hexanone(MBK)
Conc: 8\$ 0.332 ppbv
RT: 10.479 min Scan# 1374
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm



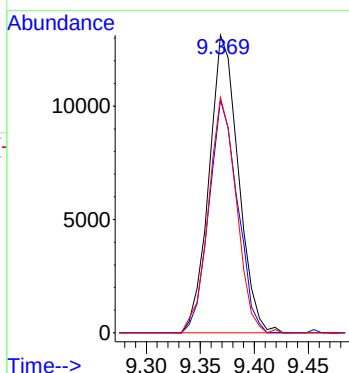
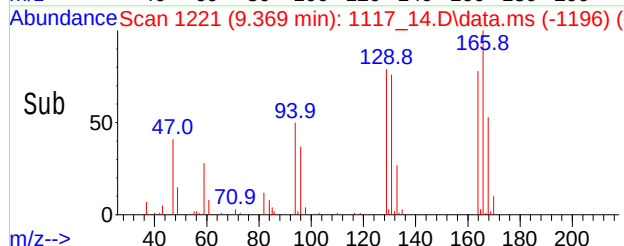
Tgt Ion: 43 Resp: 19876
Ion Ratio Lower Upper
43 100
58 47.2 33.8 50.6
100 4.9 4.0 6.0
57 9.4 15.1 22.7#

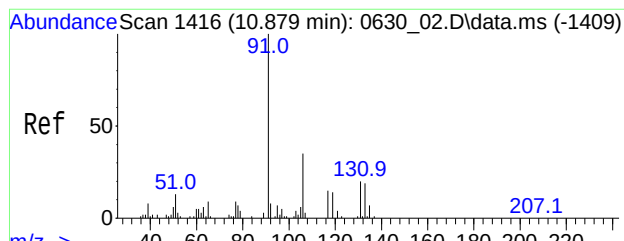


#52
Tetrachloroethene
Conc: 8\$ 0.705 ppbv
RT: 9.369 min Scan# 1221
Delta R.T. -0.021 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm



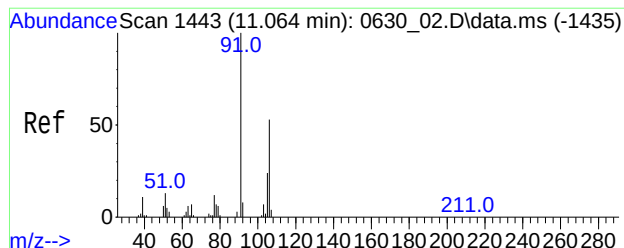
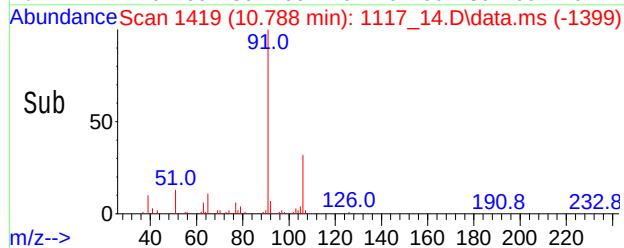
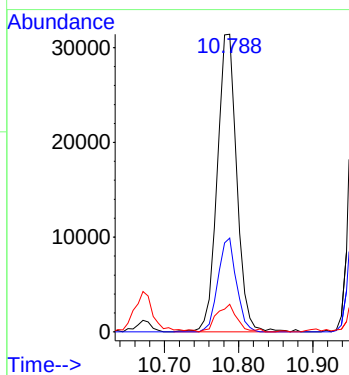
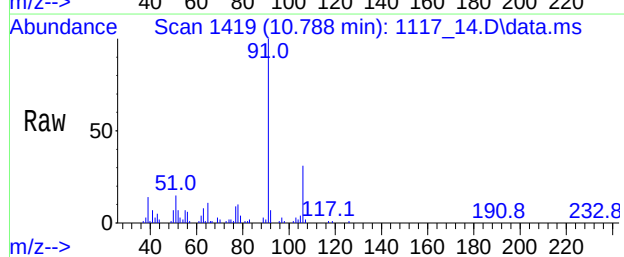
Tgt Ion: 166 Resp: 24727
Ion Ratio Lower Upper
166 100
164 76.5 61.7 92.5
129 75.1 57.0 85.6





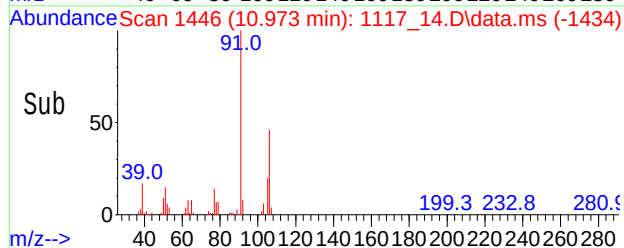
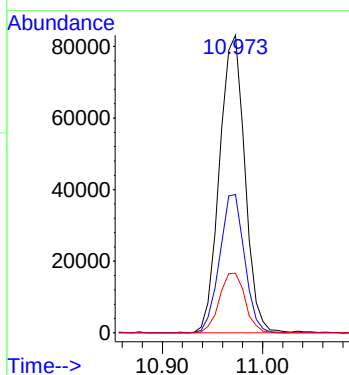
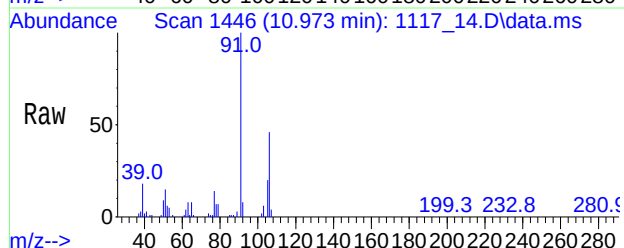
#56
Ethylbenzene
Conc: 8\$ 0.705 ppbv
RT: 10.788 min Scan# 1419
Delta R.T. -0.013 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

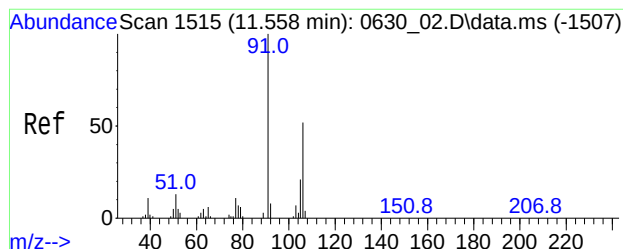
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	57755		
106	29.7	6.9	46.9	
77	9.7	0.0	29.7	



#57
m,p-Xylene
Conc: 8\$ 2.317 ppbv
RT: 10.973 min Scan# 1446
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

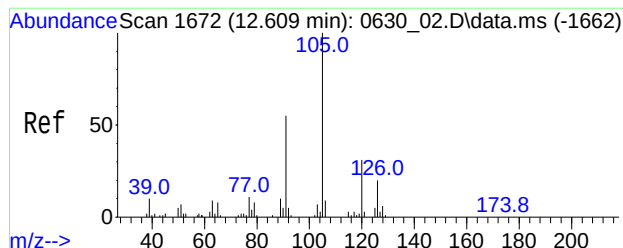
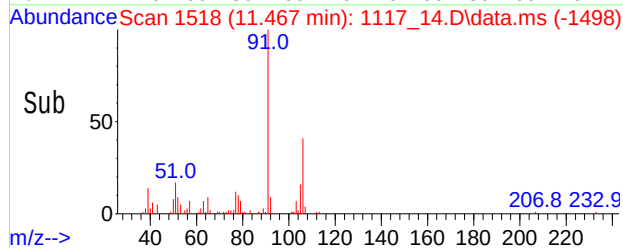
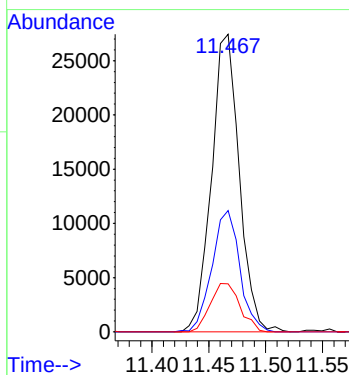
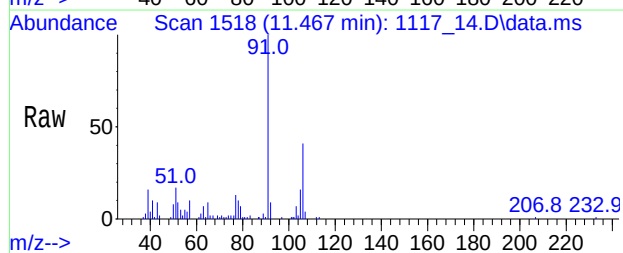
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	145882		
106	45.7	34.8	52.2	
105	20.4	16.6	25.0	





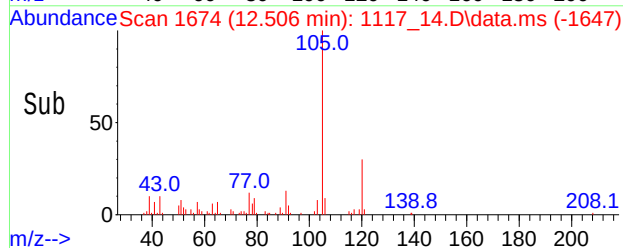
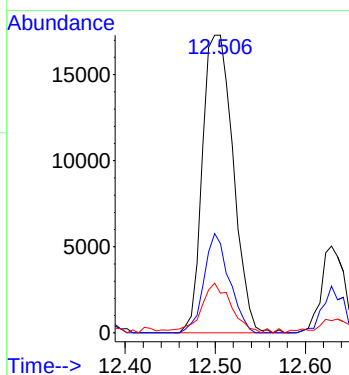
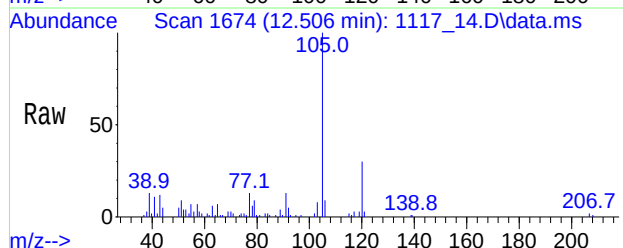
#61
o-Xylene
Conc: 8\$ 0.617 ppbv
RT: 11.467 min Scan# 1518
Delta R.T. -0.014 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

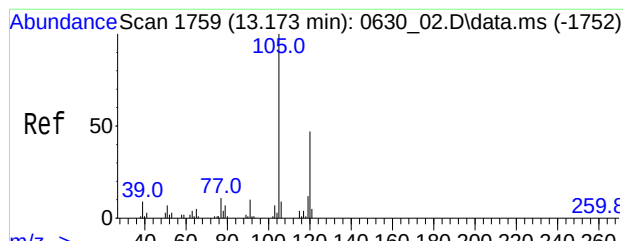
Tgt Ion	Ratio	Lower	Upper
91	100		
106	41.0	28.7	43.1
105	17.5	11.0	16.4#



#66
4-Ethyltoluene
Conc: 8\$ 0.447 ppbv
RT: 12.506 min Scan# 1674
Delta R.T. -0.026 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

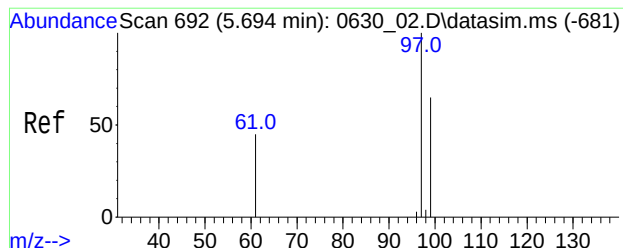
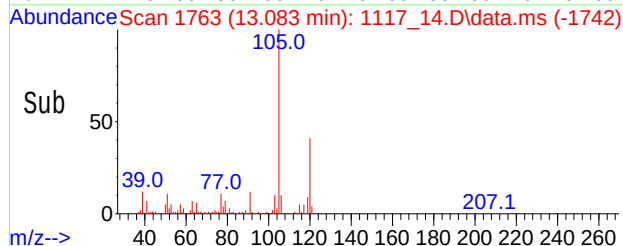
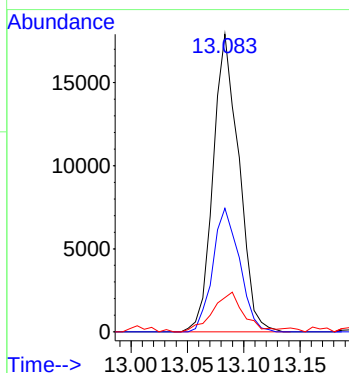
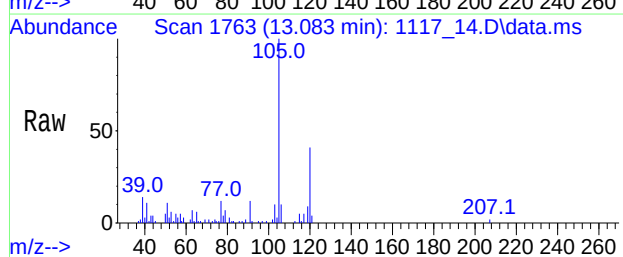
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	24.2	36.2
77	16.2	12.1	18.1





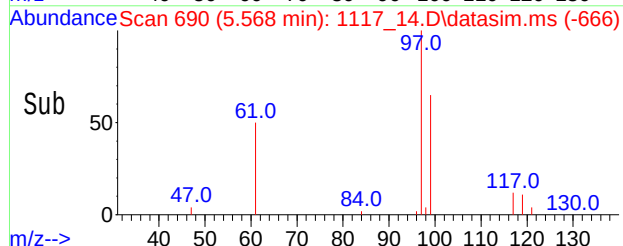
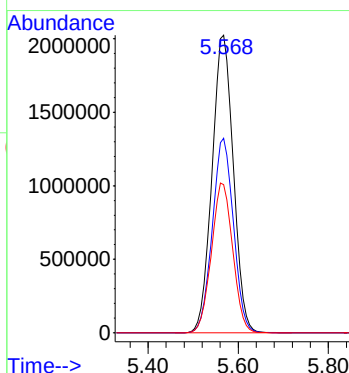
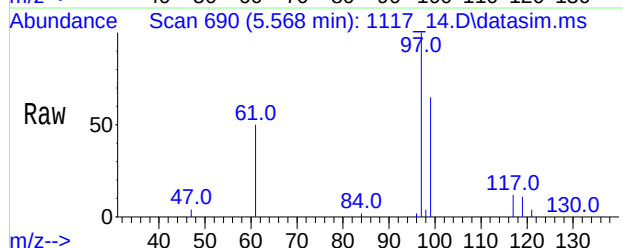
#68
1,2,4-Trimethylbenzene
Conc: 8\$ 0.375 ppbv
RT: 13.083 min Scan# 1763
Delta R.T. -0.013 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

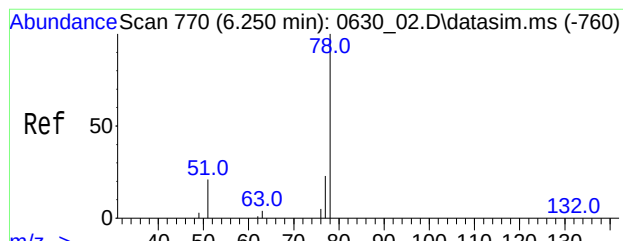
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28561		
120	43.1	35.8	53.6	
77	16.0	12.2	18.2	



#85
1,1,1-Trichloroethane(sim)
Conc: 8\$ 122.798 ppbv
RT: 5.565 min Scan# 690
Delta R.T. -0.029 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

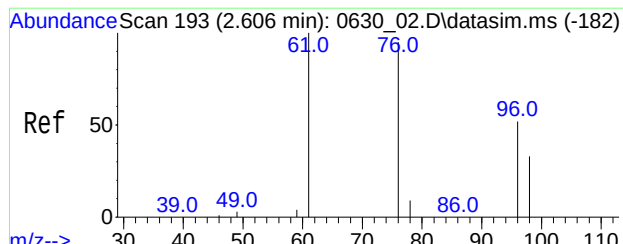
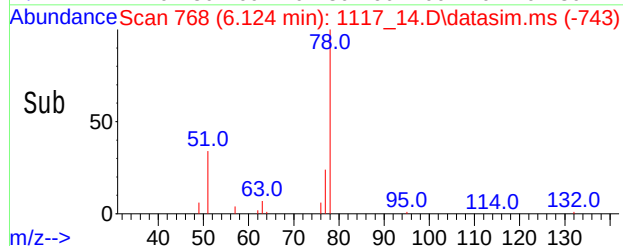
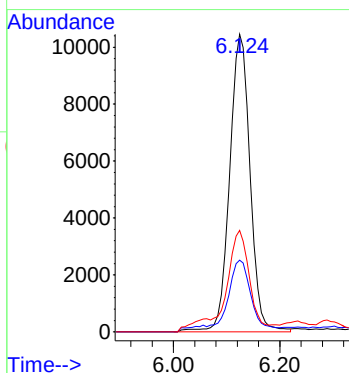
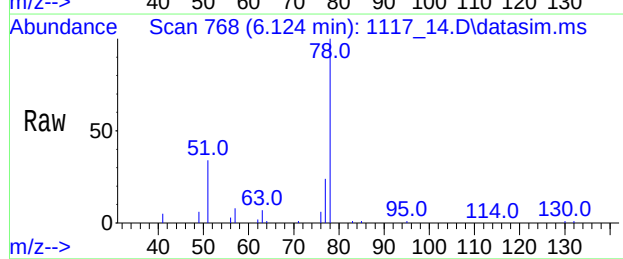
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	6146714		
99	64.8	59.6	59.6#	
61	50.2	40.5	60.7	





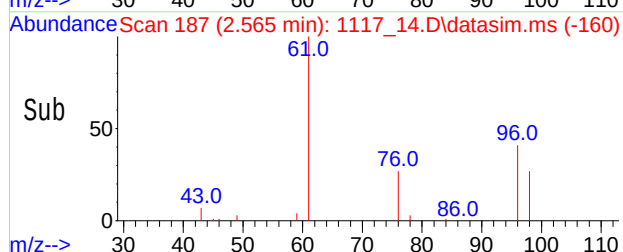
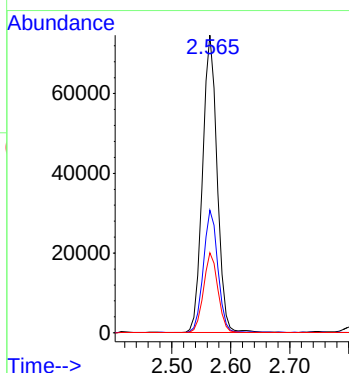
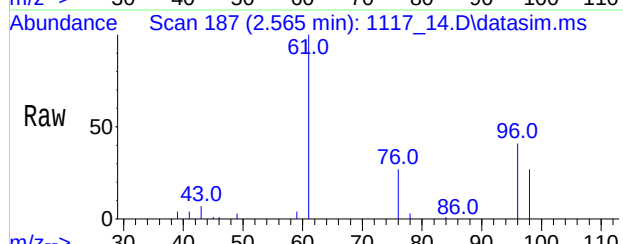
#86
Benzene(sim)
Conc: 8\$ 0.496 ppbv
RT: 6.124 min Scan# 768
Delta R.T. -0.028 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

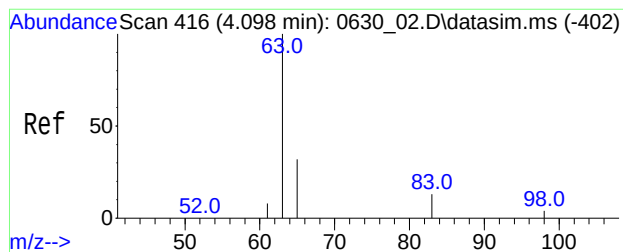
Tgt Ion	Ratio	Lower	Upper
78	100		
77	29.0	20.2	30.2
51	40.9	29.7	44.5



#88
1,1-Dichloroethene(sim)
Conc: 8\$ 3.452 ppbv
RT: 2.565 min Scan# 187
Delta R.T. -0.013 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

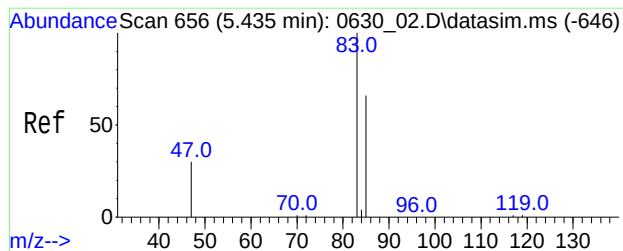
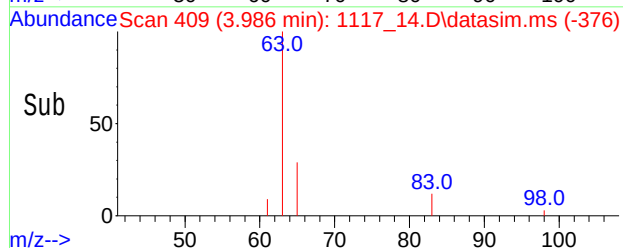
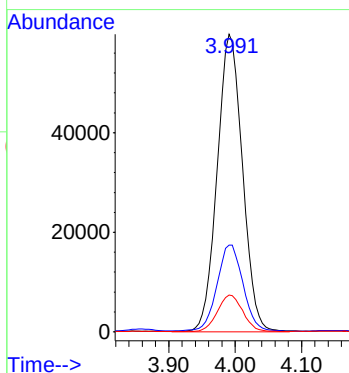
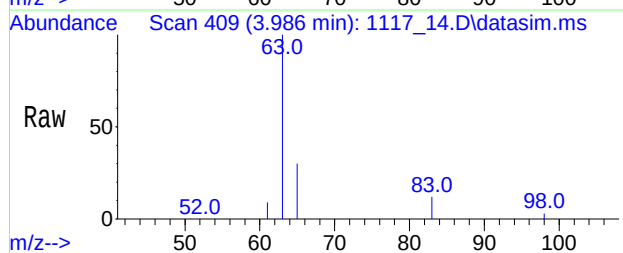
Tgt Ion	Ratio	Lower	Upper
61	100		
96	40.9	35.8	53.6
98	26.4	22.2	33.2





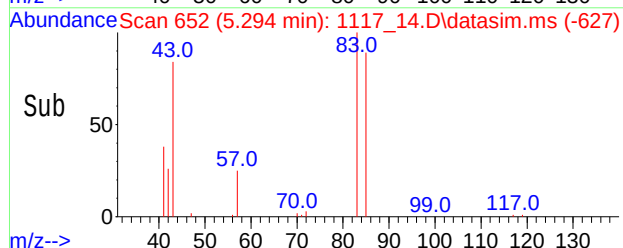
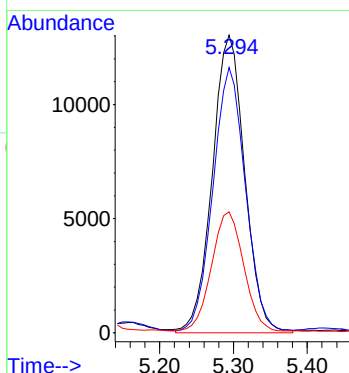
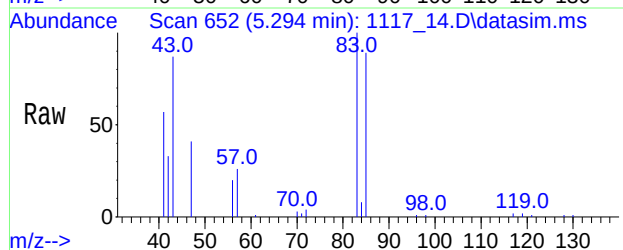
#91
1,1-Dichloroethane(sim)
Conc: 8\$ 4.149 ppbv
RT: 3.988 min Scan# 409
Delta R.T. -0.030 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

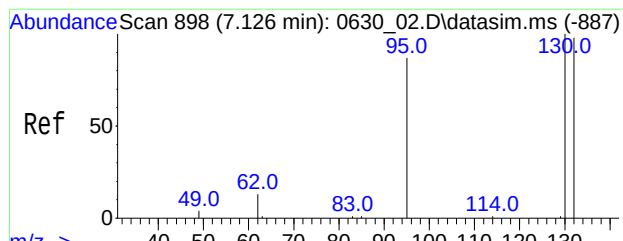
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.2
83	13.0	11.3	16.9



#93
Chloroform(sim)
Conc: 8\$ 0.838 ppbv
RT: 5.291 min Scan# 652
Delta R.T. -0.021 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

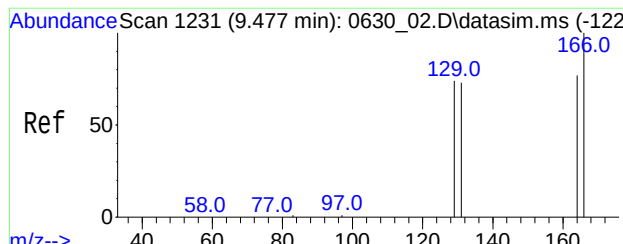
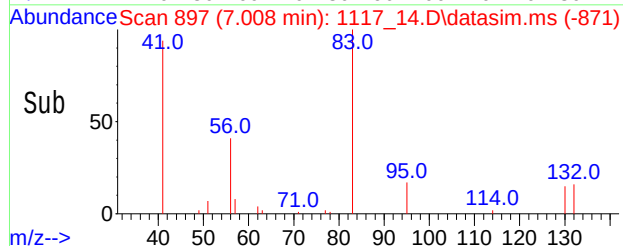
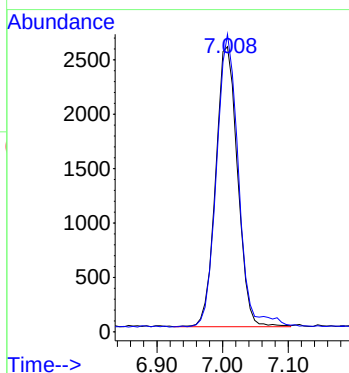
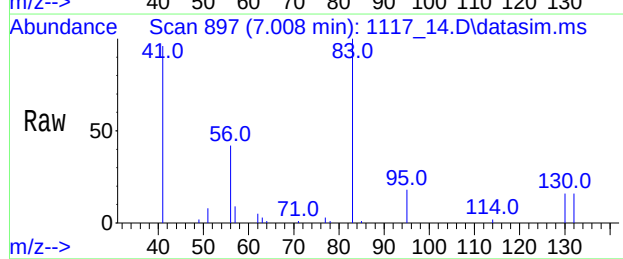
Tgt Ion	Ratio	Lower	Upper
83	100		
85	90.2	55.0	82.6#
47	43.3	30.5	45.7





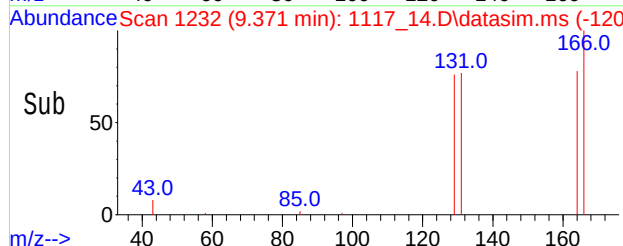
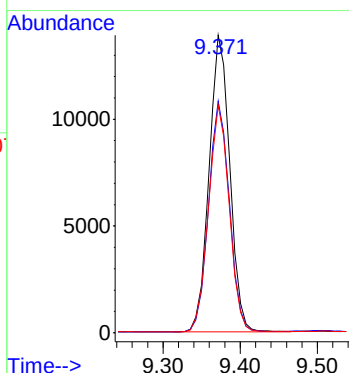
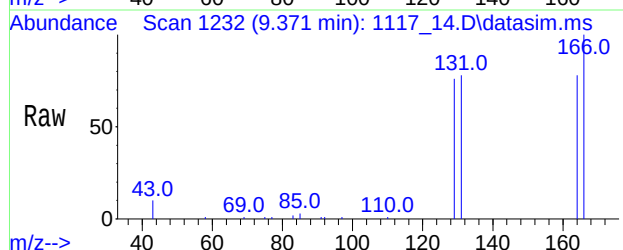
#98
 Trichloroethene(sim)
 Conc: 8\$ 0.223 ppbv
 RT: 7.008 min Scan# 897
 Delta R.T. -0.020 min
 Lab File: 1117_14.D
 Acq: 17 Nov 2021 9:50 pm

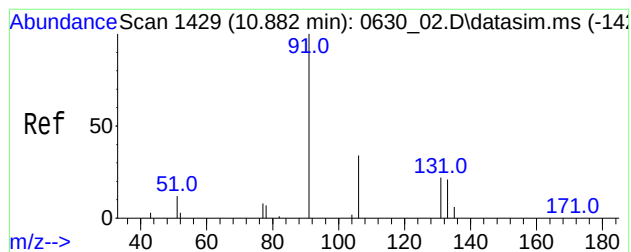
Tgt Ion	Ratio	Lower	Upper
130	100		
132	104.8	81.9	122.9



#104
 Tetrachloroethene(sim)
 Conc: 8\$ 0.733 ppbv
 RT: 9.371 min Scan# 1232
 Delta R.T. -0.022 min
 Lab File: 1117_14.D
 Acq: 17 Nov 2021 9:50 pm

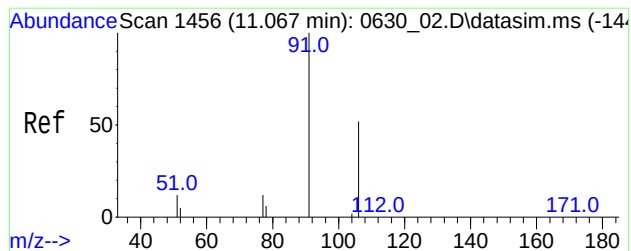
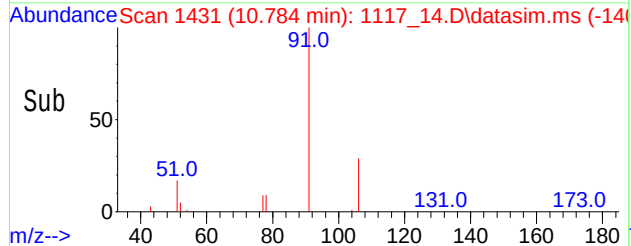
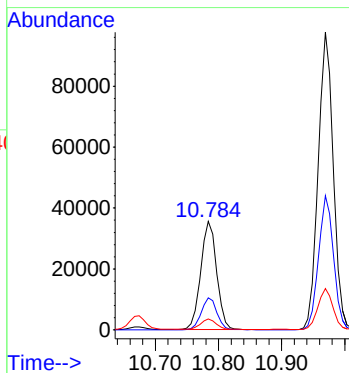
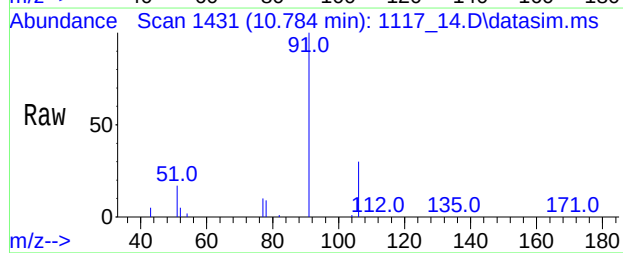
Tgt Ion	Ratio	Lower	Upper
166	100		
164	78.1	57.0	97.0
129	76.2	54.1	94.1





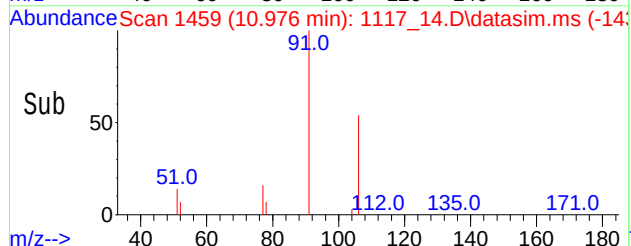
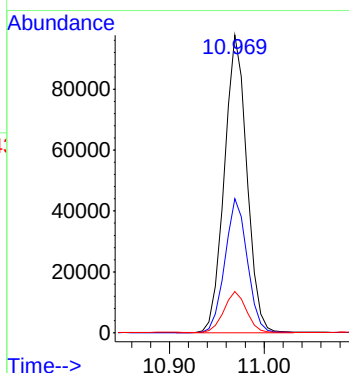
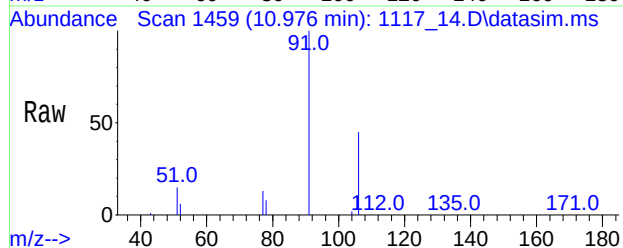
#108
Ethylbenzene(sim)
Conc: 8\$ 0.767 ppb
RT: 10.784 min Scan# 1431
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

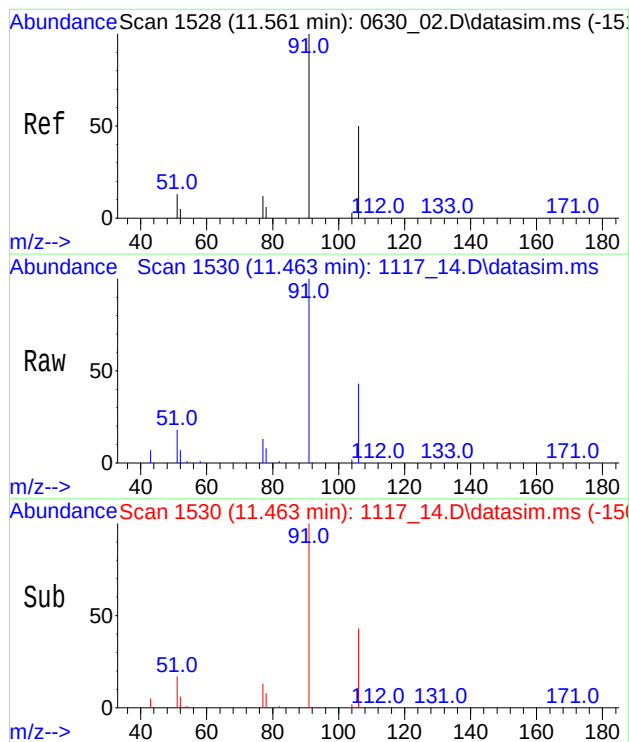
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	61919		
106	29.0	23.7	35.5	
77	9.7	7.4	11.2	



#109
m,p-Xylene(sim)
Conc: 8\$ 2.295 ppbv
RT: 10.973 min Scan# 1459
Delta R.T. -0.020 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

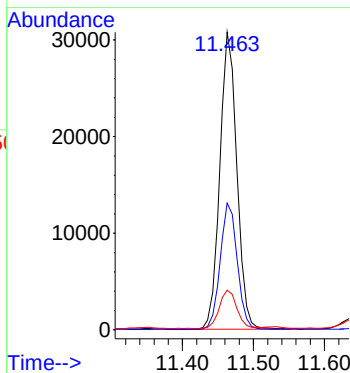
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	145888		
106	45.7	39.1	47.9	
77	14.7	11.3	16.9	





#110
o-Xylene(sim)
Conc: 8\$ 0.666 ppb
RT: 11.463 min Scan# 1530
Delta R.T. -0.021 min
Lab File: 1117_14.D
Acq: 17 Nov 2021 9:50 pm

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	51073		
106	42.7		29.0	43.6
77	13.3		9.1	13.7



SV-13 30X

Dilution Factor: 30

ppbv

r.

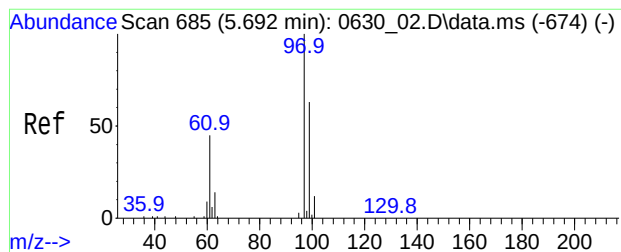
This form 1 and the associated quantitation report are filtered for detected compounds in the undiluted analysis.

Data Path : H:\AIR2021\CHEM24\11NOV\17\
 Data File : 1118 20.D
 Acq On : 18 Nov 2021 7:51 pm
 Operator : Keith
 Client ID : SV-13 30X
 Lab ID : CJ80293 30X
 ALS Vial : 72 Sample Multiplier: 1

Quant Time: Nov 19 13:27:27 2021
 Quant Method : H:\AIR2021\CHEM24\Methods\24AIR 1114.M
 Quant Title : VOA Standards for 5 point calibration
 Qlast Update : Mon Nov 15 09:29:55 2021
 Response via : Initial Calibration

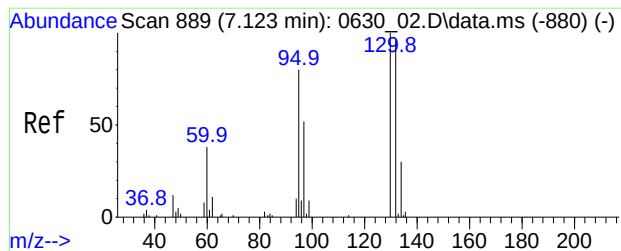
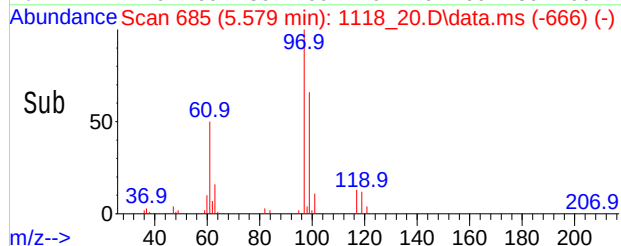
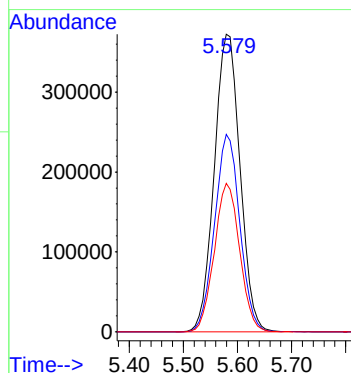
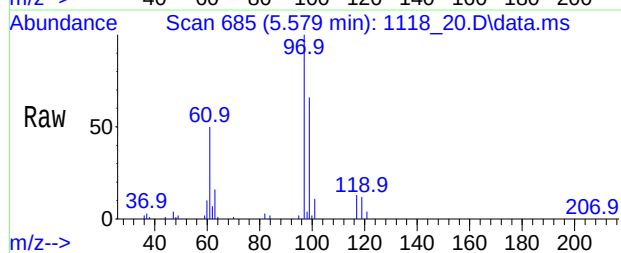
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.104	130	229023	10.000	ng	-0.01
36) 1,4-Difluorobenzene	7.073	114	783535	10.000	ng	0.00
53) Chlorobenzene-d5	10.685	82	408611	10.000	ng	0.00
80) Bromochloromethane(sim)	5.106	130	236669	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	7.073	114	783535	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.685	82	408611	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	12.162	95	562564	9.778	ppbv	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	97.80%	
Target Compounds						
						Qvalue
10) Ethanol	2.692	45	34538	3.268	ppbv	98
12) Acetone	3.280	43	71350	1.255	ppbv	98
16) 1,1-Dichloroethene	2.576	61	24807	0.557	ppbv	93
23) 1,1-Dichloroethane	4.008	63	32180	0.778	ppbv	98
25) Methyl Ethyl Ketone	5.925	43	65208	1.008	ppbv	95
27) Hexane	3.458	57	13562	0.375	ppbv#	79
32) 1,1,1-Trichloroethane	5.579	97	1231371	20.332	ppbv	95
39) Trichloroethene	7.018	130	1468	0.046	ppbv#	42
45) 4-Methyl-2-pentanone(M...)	9.506	43	20702	0.267	ppbv	99
48) Toluene	8.899	91	34307	0.498	ppbv	94
52) Tetrachloroethene	9.383	166	5630	0.130	ppbv	94
57) m,p-Xylene	10.980	91	29444	0.379	ppbv	98
85) 1,1,1-Trichloroethane(...)	5.579	97	1231371	19.564	ppbv#	95
88) 1,1-Dichloroethene(sim)	2.572	61	26765	0.573	ppbv	98
91) 1,1-Dichloroethane(sim)	4.008	63	32180	0.739	ppbv	98
98) Trichloroethene(sim)	7.021	130	1367	0.042	ppbv	99
104) Tetrachloroethene(sim)	9.386	166	5509	0.126	ppbv	99
109) m,p-Xylene(sim)	10.980	91	29442	0.375	ppbv	96

(#)out of range (m)manual integration reviewed by analyst (+)signals summed



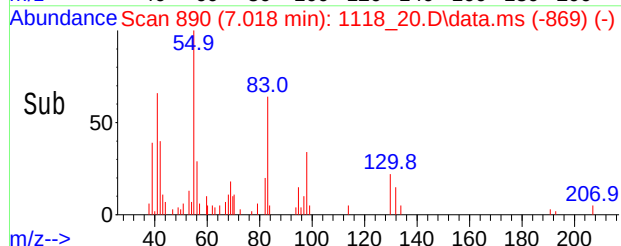
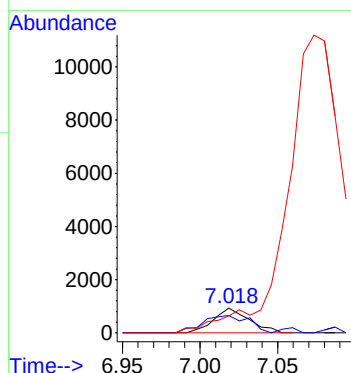
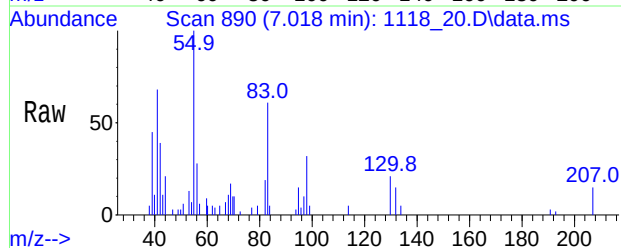
#32
1,1,1-Trichloroethane
Conc: 8\$ 20.332 ppbv
RT: 5.579 min Scan# 685
Delta R.T. -0.015 min
Lab File: 1118_20.D
Acq: 18 Nov 2021 7:51 pm

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	47.7	71.5
61	49.1	40.5	60.7



#39
Trichloroethene
Conc: 8\$ Below Cal
RT: 7.018 min Scan# 890
Delta R.T. -0.007 min
Lab File: 1118_20.D
Acq: 18 Nov 2021 7:51 pm

Tgt Ion	Ratio	Lower	Upper
130	100		
132	92.2	83.8	125.8
95	0.0	84.6	126.8#



SECTION 4

CASE NARRATIVES AND CHAIN-OF-CUSTODY RECORDS



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

October 07, 2022

SDG I.D.: GCJ80288

8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

SIM Analysis:

The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



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NY Temperature Narration

October 07, 2022

SDG I.D.: GCJ80288

The samples in this delivery group were received at [TEMP]°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

October 07, 2022

No - COC for samples Dates from analysis summary.

SDG I.D.: GCJ80288

Project ID: 586 RIVER AVE

Client Id	Date	Lab Id	Matrix
SV-14 	11/17/21	CJ80288	AIR
SV-15	11/17/21	CJ80289	AIR
SV-16	11/17/21	CJ80290	AIR
AA-CB	11/17/21	CJ80291	AIR
AA-02	11/17/21	CJ80292	AIR
SV-13	11/17/21	CJ80293	AIR
GZ-16 (9.5-10`)		CJ80294	SOIL
GZ-17 (8`)		CJ80295	SOIL
GZ-17 (6-8`)		CJ80296	SOIL
GZ-18 (2`)		CJ80297	SOIL
GZ-18 (0-2`)		CJ80298	SOIL
GZ-22 (1`)		CJ80299	SOIL
GZ-22 (0-2`)		CJ80300	SOIL
GZ-15 (3`)		CJ80301	SOIL
GZ-15 (2-4`)		CJ80302	SOIL
GZ-21 (3`)		CJ80303	SOIL
GZ-21 (2-4`)		CJ80304	SOIL
CB-01		CJ80305	SOIL
GZ-20 (7.5`)/(5.5-7.5`)		CJ80306	SOIL
GZ-23 (3`)/(2-4`)		CJ80307	SOIL
GZ-24 (2`)/(0-2`)		CJ80308	SOIL
GZ-24 (12`)/(11-13`)		CJ80309	SOIL
TMW-16		CJ80310	GROUND WATER
TMW-17		CJ80311	GROUND WATER
TRIP BLANK		CJ80312	WATER
GZ-19 (2`)		CJ80626	SOIL
GZ-19 (0-2`)		CJ80627	SOIL



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Canister Sampling Information

October 07, 2022

FOR: Attn: Reinbill Maniquez
GZA GeoEnvironmental, Inc.
104 West 29th Street 10th Floor
NY, NY 10001

Only COC-like information provided.

Location Code: GZA-NY

SDG I.D.: GCJ80288

Project ID: 586 RIVER AVE

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-14	CJ80288	23338	6.0L	4402	11/11/21	-30	-4	43	45	4.5	-29	-5	11/17/21 09:40	11/17/21 11:40
SV-15	CJ80289	28590	6.0L	5616	11/11/21	-30	-4	43	46	6.7	-30	-4	11/17/21 10:00	11/17/21 11:55
SV-16	CJ80290	21365	6.0L	7023	11/11/21	-30	-5	43	46	6.7	-28.5	-4	11/17/21 10:30	11/17/21 12:30
AA-CB	CJ80291	19924	6.0L	7007	11/11/21	-30	-3	43	44	2.3	-29.5	-5.25	11/17/21 07:40	11/17/21 09:40
AA-02	CJ80292	19969	6.0L	5350	11/11/21	-30	-3	43	47	8.9	-30	-5.5	11/17/21 07:50	11/17/21 09:50
SV-13	CJ80293	217	6.0L	2932	11/11/21	-30	-3	43	47	8.9	-29	-4	11/17/21 09:50	11/17/21 11:50

SDG: GCJ80288

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 586 RIVER AVE, GZA GeoEnvironmental, Inc.

Form 1 (Analysis):

No observations noted.

Detailed reference spectra will print "below cal" for the full scan compounds that are reported from the SIM and are below the lowest calibration point in the full scan analysis.

Form 2 (Surrogates):

All surrogates met criteria with the following exceptions: None.

Form 3 (Laboratory Control/Matrix Spike):

Sample: CJ80291 LCS

All LCS recoveries met criteria with the following exceptions: None.

Sample: CJ80506 LCS

All LCS recoveries met criteria with the following exceptions: None.

Sample: CJ80080 LCS

All LCS recoveries met criteria with the following exceptions: None.

Form 4 (Method Blank):

File: CHEM24 1117_06.D

All compounds were non-detect with the following exceptions: None

File: CHEM20 1118_06.D

All compounds were non-detect with the following exceptions: None.

File: CHEM24 1118_07.D

All compounds were non-detect with the following exceptions: None.

Form 5 (Tune):

File: CHEM20 1115_02.D

All Tune criteria was met with the following exceptions: None.

File: CHEM20 1118_02.D

All Tune criteria was met with the following exceptions: None.

File: CHEM24 1114_03.D

All Tune criteria was met with the following exceptions: None.

File: CHEM24 1117_02.D

All Tune criteria was met with the following exceptions: None.

File: CHEM24 1118_01.D

All Tune criteria was met with the following exceptions: None.

Form 6 (Initial Calibration):



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



SDG: GCJ80288

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 586 RIVER AVE, GZA GeoEnvironmental, Inc.

Calibration: CHEM20 11/15/21 - 11/16/21
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.

Calibration: CHEM24 11/15/21 - 11/15/21
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.

Form 7 (Continuing Calibration):

File: CHEM20 1118_02.D (Opening)
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: 1,2,4-Trichlorobenzene 39.0% (20), 1,2,4-Trichlorobenzene(sim) 28.0% (20)

File: CHEM24 1117_02.D (Opening)
97% of method compounds met criteria.
The following compounds did not meet maximum % deviations: Ethanol -63.8% (30), Isopropylalcohol -32.4% (30)

File: CHEM24 1118_01.D (Opening)
99% of method compounds met criteria.
The following compounds did not meet maximum % deviations: Ethanol -44.9% (30)

Form 8 (Internal Standard and Retention Time):

File: CHEM20 - 20_AIR_1115.M / 1118_02.D Full
All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM20 - 20_AIR_1115.M / 1118_02.D Sim
All samples met internal standard area and retention time criteria with the following exceptions:
1118_15.D - SV-14: Chlorobenzene-d5; Area 1387627 (467647 - 1104275)

File: CHEM20 - 20_AIR_1115.M / Average Full
All samples met internal standard area and retention time criteria with the following exceptions:
1115_12.D - ICAL 40: Chlorobenzene-d5; Area 1484428 (599928 - 1416636)

File: CHEM20 - 20_AIR_1115.M / Average Sim
All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM24 - 24AIR_1114.M / 1117_02.D Full
All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM24 - 24AIR_1114.M / 1117_02.D Sim
All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM24 - 24AIR_1114.M / 1118_01.D Full
All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM24 - 24AIR_1114.M / 1118_01.D Sim
All samples met internal standard area and retention time criteria with the following exceptions: None.



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG: GCJ80288

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 586 RIVER AVE, GZA GeoEnvironmental, Inc.

File: CHEM24 - 24AIR_1114.M / Average Full

All samples met internal standard area and retention time criteria with the following exceptions: None.

File: CHEM24 - 24AIR_1114.M / Average Sim

All samples met internal standard area and retention time criteria with the following exceptions: None.

10/07/22

Alejandro Paredes

Project Manager

Organic Data Flags

LOD(MDL): Limit of Detection or Method Detection Limit
The minimum reportable concentration that can be measured with confidence.

PQL(RL): Practical Quantitation Level or Reporting Level
This value is at or above the MDL and is supported by the lowest calibration standard.

Q Qualifiers:

- U - The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
- J - Indicates an estimated value, may indicate one of the following, depending on the situation:
 - a) The reported value is estimated and below the RL.
Compounds that are detected above MDL but below RL are qualified with a J flag.
 - b) Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.
 - c) QC associated with this analyte is within warning limits.
- X - The concentration is not reported. This quantitation file was not evaluated for this compound at this dilution; a volatile purging or related issue may be the cause.
- L - Biased Low
- N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified.
- S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
- B - This compound was also present in the method blank
- D - The reported concentration is the result of a diluted analysis. Samples that require dilution may result in elevated reporting limits that exceed requested criteria for one or more analytes.
- E - The reported value is estimated because the concentration exceeded the calibration range.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
- Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.
- P - Percent difference is greater than 25% between the two GC columns and the lower result is reported.



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NY Analytical Services Protocol Format

October 07, 2022

SDG I.D.: GCJ80288

GZA GeoEnvironmental, Inc. 586 RIVER AVE

Laboratory Chronicle

The samples in this delivery group were received at [TEMP]°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CJ80288	Volatiles (TO15)	11/17/21	11/18/21	11/18/21	KCA	Y
CJ80289	Volatiles (TO15)	11/17/21	11/18/21	11/18/21	AW	Y
CJ80290	Volatiles (TO15)	11/17/21	11/18/21	11/18/21	AW	Y
CJ80291	Volatiles (TO15)	11/17/21	11/17/21	11/17/21	KCA	Y
CJ80292	Volatiles (TO15)	11/17/21	11/17/21	11/17/21	KCA	Y
CJ80293	Volatiles (TO15)	11/17/21	11/18/21	11/18/21	AW	Y
CJ80294	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80294	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80294	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80294	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Manganese	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80294	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80294	Potassium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80294	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80294	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80294	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80294	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y



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CJ80294	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80295	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80295	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y
CJ80296	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80296	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80296	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80296	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80296	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80296	Potassium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80296	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80296	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80296	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80296	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80297	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80297	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y
CJ80298	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80298	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Calcium	11/17/21	11/17/21	11/19/21	TH	Y



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CJ80298	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80298	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80298	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80298	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80298	Potassium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80298	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80298	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80298	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80298	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80299	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80299	Volatiles	11/17/21	11/19/21	11/19/21	JLI	Y
CJ80300	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80300	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80300	Lead	11/17/21	11/17/21	11/18/21	TH	Y
CJ80300	Magnesium	11/17/21	11/17/21	11/18/21	TH	Y
CJ80300	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80300	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80300	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y



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CJ80300	Potassium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80300	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80300	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80300	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80300	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80301	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80301	Volatiles	11/17/21	11/19/21	11/19/21	JLI	Y
CJ80302	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80302	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Calcium	11/17/21	11/17/21	11/18/21	TH	Y
CJ80302	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80302	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Manganese	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80302	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80302	Potassium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80302	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80302	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80302	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80302	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80303	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80303	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y



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CJ80304	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80304	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80304	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80304	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80304	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80304	Potassium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80304	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80304	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80304	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80305	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80305	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y
CJ80306	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80306	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Copper	11/17/21	11/17/21	11/19/21	TH	Y



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CJ80306	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80306	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80306	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80306	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80306	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80306	Potassium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80306	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80306	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80306	Volatiles	11/17/21	11/19/21	11/19/21	JLI	Y
CJ80306	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80307	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80307	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80307	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80307	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80307	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80307	Potassium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Selenium	11/17/21	11/17/21	11/19/21	TH	Y



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CJ80307	Semivolatiles	11/17/21	11/17/21	11/18/21	PS	Y
CJ80307	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80307	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80307	Volatiles	11/17/21	11/19/21	11/19/21	JLI	Y
CJ80307	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80308	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80308	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80308	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Magnesium	11/17/21	11/17/21	11/18/21	TH	Y
CJ80308	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80308	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80308	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80308	Potassium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80308	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80308	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80308	Volatiles	11/17/21	11/19/21	11/19/21	JLI	Y
CJ80308	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Aluminum	11/17/21	11/17/21	11/18/21	TH	Y
CJ80309	Antimony	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Arsenic	11/17/21	11/17/21	11/19/21	TH	Y



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CJ80309	Barium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Beryllium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Cadmium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Calcium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Chromium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Cobalt	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Copper	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80309	Iron	11/17/21	11/17/21	11/18/21	TH	Y
CJ80309	Lead	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Magnesium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Manganese	11/17/21	11/17/21	11/18/21	TH	Y
CJ80309	Mercury	11/17/21	11/18/21	11/18/21	AP	Y
CJ80309	Nickel	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Percent Solid	11/17/21	11/17/21	11/17/21	Q	Y
CJ80309	Potassium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Selenium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Semivolatiles	11/17/21	11/17/21	11/18/21	WB	Y
CJ80309	Silver	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Sodium	11/17/21	11/17/21	11/19/21	EK	Y
CJ80309	Thallium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Vanadium	11/17/21	11/17/21	11/19/21	TH	Y
CJ80309	Volatiles	11/17/21	11/20/21	11/20/21	JLI	Y
CJ80309	Zinc	11/17/21	11/17/21	11/19/21	TH	Y
CJ80310	Aluminum (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Antimony (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Arsenic (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Barium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Beryllium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Cadmium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Calcium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Chromium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Cobalt (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Copper (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80310	Iron (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Lead (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Magnesium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y



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CJ80310	Manganese (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Mercury (Dissolved)	11/17/21	11/19/21	11/19/21	AP	Y
CJ80310	Nickel (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Potassium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Selenium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Semivolatiles	11/17/21	11/17/21	11/19/21	WB	Y
CJ80310	Semivolatiles (SIM)	11/17/21	11/17/21	11/19/21	WB	Y
CJ80310	Silver (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Sodium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Thallium (Dissolved)	11/17/21	11/18/21	11/19/21	AP	Y
CJ80310	Vanadium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80310	Volatiles	11/17/21	11/22/21	11/22/21	HM	Y
CJ80310	Zinc (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Aluminum (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Antimony (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Arsenic (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Barium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Beryllium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Cadmium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Calcium (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80311	Chromium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Cobalt (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Copper (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80311	Iron (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Lead (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Magnesium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Manganese (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80311	Mercury (Dissolved)	11/17/21	11/19/21	11/19/21	AP	Y
CJ80311	Nickel (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Potassium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Selenium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80311	Semivolatiles	11/17/21	11/17/21	11/19/21	WB	Y
CJ80311	Semivolatiles (SIM)	11/17/21	11/17/21	11/19/21	WB	Y
CJ80311	Silver (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80311	Sodium (Dissolved)	11/17/21	11/18/21	11/22/21	TH	Y
CJ80311	Thallium (Dissolved)	11/17/21	11/18/21	11/19/21	AP	Y
CJ80311	Vanadium (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y



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CJ80311	Volatiles	11/17/21	11/22/21	11/22/21	HM	Y
CJ80311	Zinc (Dissolved)	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80312	Volatiles	11/17/21	11/20/21	11/20/21	HM	Y
CJ80626	Field Extraction	11/17/21	11/17/21	11/17/21		Y
CJ80626	Volatiles	11/17/21	11/22/21	11/22/21	JLI	Y
CJ80627	Aluminum	11/17/21	11/18/21	11/19/21	CPP	Y
CJ80627	Antimony	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Arsenic	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Barium	11/17/21	11/18/21	11/22/21	EK	Y
CJ80627	Beryllium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Cadmium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Calcium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Chromium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Cobalt	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Copper	11/17/21	11/18/21	11/22/21	EK	Y
CJ80627	Iron	11/17/21	11/18/21	11/19/21	CPP	Y
CJ80627	Lead	11/17/21	11/18/21	11/22/21	EK	Y
CJ80627	Magnesium	11/17/21	11/18/21	11/19/21	CPP	Y
CJ80627	Manganese	11/17/21	11/18/21	11/19/21	EK	Y
CJ80627	Mercury	11/17/21	11/19/21	11/19/21	AP	Y
CJ80627	Nickel	11/17/21	11/18/21	11/22/21	EK	Y
CJ80627	Percent Solid	11/17/21	11/18/21	11/18/21	JS	Y
CJ80627	Potassium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Selenium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Semivolatiles	11/17/21	11/18/21	11/19/21	WB	Y
CJ80627	Silver	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Sodium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Thallium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Vanadium	11/17/21	11/18/21	11/20/21	CPP	Y
CJ80627	Zinc	11/17/21	11/18/21	11/22/21	EK	Y



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SDG Comments

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8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

SIM Analysis:

The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.