



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

VOLATILE ORGANIC CHEMICALS (VOCs) ANALYSIS

Note: All information must be supplied for compliance credit.

WATER SYSTEM ID #: _____ - _____ - _____

County: _____

Name of Water System: _____

Sample Type: Entry Point Special/Non-compliance

Location Where Collected: _____

Facility ID No. _____

Sample Point: _____

Collected By: _____
(Please Print)

Collection Date ____/____/____ (MM/DD/YY)	Collection Time ____:____, M (Specify AM or PM)
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Mail Results to (water system representative):

Phone #: (____) _____

Fax #: (____) _____

Responsible Person's email: _____

LABORATORY ID #: 37701

SAMPLE UNSATISFACTORY RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
2378	1,2,4-Trichlorobenzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.07 mg/L
2380	Cis-1,2-Dichloroethylene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.07 mg/L
2955	Xylenes (Total)	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	10.00 mg/L
2964	Dichloromethane	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2968	o-Dichlorobenzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.60 mg/L
2969	p-Dichlorobenzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.075 mg/L
2976	Vinyl Chloride	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.002 mg/L
2977	1,1-Dichloroethylene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.007 mg/L
2979	Trans-1,2-Dichloroethylene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.10 mg/L
2980	1,2-Dichloroethane	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2981	1,1,1-Trichloroethane	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.20 mg/L
2982	Carbon Tetrachloride	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2983	1,2-Dichloropropane	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2984	Trichloroethylene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2985	1,1,2-Trichloroethane	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2987	Tetrachloroethylene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2989	Chlorobenzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.10 mg/L
2990	Benzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.005 mg/L
2991	Toluene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	1.00 mg/L
2992	Ethylbenzene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.70 mg/L
2996	Styrene	524.2	0.0005 mg/L	<input type="checkbox"/>	_____ mg/L	0.10 mg/L

*Note: If result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

ANALYSES BEGUN:	DATE: ____/____/____ (MM/DD/YY)	TIME: ____:____, M (Specify AM or PM)
	ANALYSES COMPLETED:	____/____/____ (MM/DD/YY)

Laboratory Log #: _____

Certified By: _____
(Print and sign name)

COMMENTS: _____

Instructions

VOLATILE ORGANIC CHEMICALS

1. THE CLIENT IS RESPONSIBLE FOR COMPLETING ALL INFORMATION ABOVE THE DOUBLE LINE. Failure to complete all the information may result in rejection of the samples. Please print all information and make sure the information is legible.
2. The samples must be collected in bottles supplied by the laboratory. There is a preservative in the bottles so do not rinse the bottles. Samples must be immediately packed with ice upon collection and be kept at 4.0° C. Samples being shipped must also be on ice. **SAMPLES NOT ADEQUATELY CHILLED UPON DELIVERY TO THE LAB WILL BE REJECTED AND WILL NOT BE TESTED.**
3. Samples must be collected **AFTER TREATMENT** from entry points to the distribution system if they are to be used to meet compliance monitoring requirements of the North Carolina Drinking Water Act. Each entry point must have a separate sample collected and analyzed.
4. **Do not flame the faucet before collecting this sample.** Let the water run from the tap for a few minutes (until water temperature stabilizes). Fill the sample vials slowly to overflowing in a manner that prevents air bubbles from passing through the sample. Follow the laboratory's instructions on any required dechlorination and/or preservation. Place the teflon portion of the cap on the vial and screw the black ring tightly down. There should be no air bubbles in the vial. If air bubbles exist, open the vial and add a few drops of water, seal again. Shake vigorously.
5. Replace samples and completed collection form in the shipping container. Forward all samples to the laboratory immediately after collection.
6. After the samples are analyzed, regulations require that the laboratory mail the results of all compliance samples to the Public Water Supply Section (Attention: Data Entry), 1634 Mail Service Center, Raleigh, NC 27699-1634. A copy will be sent to the client, and the client shall retain the copy for at least twelve (12) years.
7. If the form should be returned to the client marked "**Sample Unsatisfactory,**" this means another sample will have to be collected. The COMMENTS section on the front of the form will give the reason.

SAMPLE TYPE

Entry Point: A sample collected from an entry point to the distribution system after treatment, if used for compliance monitoring.

Special/Non-compliance: A sample collected for special purposes and is not for compliance monitoring.