

Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 04/14/2021
DCLS LIMS #: E210400704

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	04/06/2021 15:50	PROGRAM CODE	AM
SAMPLING DATE	04/01/2021 00:00	STATION ID	SWRO
COLLECTED BY	JAMES R. STANLEY	CONTAINER ID	S205
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	LOCATION	SWRO
REPORT BDL	Y	SAMPLE ID	G010421

Test Results

APPROVED BY: GJOHNSON, Analyst

DATE APPROVED: 04/14/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Non-Target Compounds	Found		04/07/2021
	Identified: Acetaldehyde, Ethanol, Acetone, Isopropyl Alcohol.			
	Propylene	< 1.25 ppbV	43205	04/07/2021
	Dichlorodifluoromethane	0.60 ppbV	43823	04/07/2021
	Chloromethane	0.70 ppbV	43801	04/07/2021
	Freon 114	< 1.25 ppbV	43208	04/07/2021
	Vinyl Chloride	< 1.25 ppbV	43860	04/07/2021
	1,3-Butadiene	< 1.25 ppbV	43218	04/07/2021
	Bromomethane	< 1.25 ppbV	43819	04/07/2021
	Ethyl Chloride	< 1.25 ppbV	43812	04/07/2021
	Acetonitrile	< 1.25 ppbV	43702	04/07/2021
	Acrolein	< 2.50 ppbV	43505	04/07/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.30 ppbV	43811	04/07/2021
	Acrylonitrile	< 1.25 ppbV	43704	04/07/2021
	1,1-Dichloroethene	< 1.25 ppbV	43826	04/07/2021
	Methylene Chloride	0.20 ppbV	43802	04/07/2021
	1,1,2-Trichlorotrifluoroethane	0.10 ppbV	43207	04/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 1.25 ppbV	43838	04/07/2021
	1,1-Dichloroethane	< 1.25 ppbV	43813	04/07/2021
	MTBE	< 1.25 ppbV	43372	04/07/2021
	cis-1,2-Dichloroethene	< 1.25 ppbV	43839	04/07/2021
	Hexane	< 1.25 ppbV	43231	04/07/2021
	Trichloromethane	< 1.25 ppbV	43803	04/07/2021
	Ethyl Acetate	< 1.25 ppbV	43209	04/07/2021
	Tetrahydrofuran	< 1.25 ppbV	46401	04/07/2021
	1,2-Dichloroethane	< 1.25 ppbV	43815	04/07/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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<u>EPA TO15</u>				
	1,1,1-Trichloroethane	< 1.25 ppbV	43814	04/07/2021
	Benzene	0.40 ppbV	45201	04/07/2021
	Carbon Tetrachloride	0.10 ppbV	43804	04/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 1.25 ppbV	43248	04/07/2021
	1,2-Dichloropropane	< 1.25 ppbV	43829	04/07/2021
	Bromodichloromethane	< 1.25 ppbV	43828	04/07/2021
	Trichloroethylene	< 1.25 ppbV	43824	04/07/2021
	Methyl Methacrylate	< 1.25 ppbV	43441	04/07/2021
	Heptane	< 1.25 ppbV	43232	04/07/2021
	cis-1,3-Dichloropropene	< 1.25 ppbV	43831	04/07/2021
	trans-1,3-Dichloro-1-propene	< 1.25 ppbV	43830	04/07/2021
	1,1,2-Trichloroethane	< 1.25 ppbV	43820	04/07/2021
	Toluene	0.30 ppbV	45202	04/07/2021
	Dibromochloromethane	< 1.25 ppbV	43832	04/07/2021
	1,2-Dibromoethane	< 1.25 ppbV	43843	04/07/2021
	Tetrachloroethylene	< 1.25 ppbV	43817	04/07/2021
	Chlorobenzene	< 1.25 ppbV	45801	04/07/2021
	Ethylbenzene	< 1.25 ppbV	45203	04/07/2021
	m,p-Xylenes	0.20 ppbV	45109	04/07/2021
	Bromoform	< 1.25 ppbV	43806	04/07/2021
	Styrene	< 1.25 ppbV	45220	04/07/2021
	1,1,2,2-Tetrachloroethane	< 1.25 ppbV	43818	04/07/2021
	o-Xylene	0.10 ppbV	45204	04/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	4-Ethyltoluene	< 1.25 ppbV	45213	04/07/2021
	1,3,5-Trimethylbenzene	< 1.25 ppbV	45207	04/07/2021
	1,2,4-Trimethylbenzene	1.90 ppbV	45208	04/07/2021
	1,3-Dichlorobenzene	< 1.25 ppbV	45806	04/07/2021
	1,4-Dichlorobenzene	< 2.50 ppbV	45807	04/07/2021
	1,2-Dichlorobenzene	< 1.25 ppbV	45805	04/07/2021
	1,2,4-Trichlorobenzene	< 2.50 ppbV	45810	04/07/2021
	Hexachloro-1,3-Butadiene	< 1.25 ppbV	43844	04/07/2021

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