

Commonwealth of Virginia
Division of Consolidated Laboratory Services

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



REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005202

Mail To

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

Sample Information

DATE RECEIVED	10/29/2021 15:36	PROGRAM CODE	BR
SAMPLING DATE	10/27/2021 09:20	STATION ID	BRISTOL LANDFILL
COLLECTED BY	SAB	CONTAINER ID	523
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL LANDFILL LOCATION #9
REPORT BDL	Y	LOCATION	BRISTOL LANDFILL
		SAMPLE ID	B102721

Test Results

APPROVED BY: MTATUM, Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Non-Target Compounds	Found		11/03/2021
	<i>Identified: Propane, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Dimethyl sulfide, 2-Butanone, alpha Pinene, Decane.</i>			
	Propylene	1.49 ppbV	43205	11/03/2021
	Dichlorodifluoromethane	0.60 ppbV	43823	11/03/2021
	Chloromethane	0.82 ppbV	43801	11/03/2021
	Freon 114	< 0.125 ppbV	43208	11/03/2021
	Vinyl Chloride	< 0.125 ppbV	43860	11/03/2021
	1,3-Butadiene	< 0.125 ppbV	43218	11/03/2021
	Bromomethane	< 0.125 ppbV	43819	11/03/2021
	Ethyl Chloride	< 0.125 ppbV	43812	11/03/2021
	Acetonitrile	< 0.125 ppbV	43702	11/03/2021
	Acrolein	2.05 ppbV	43505	11/03/2021
	Freon 11	0.30 ppbV	43811	11/03/2021
	Acrylonitrile	< 0.125 ppbV	43704	11/03/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	11/03/2021
	Methylene Chloride	0.10 ppbV	43802	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	11/03/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	11/03/2021
	MTBE	< 0.125 ppbV	43372	11/03/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	11/03/2021
	Hexane	0.14 ppbV	43231	11/03/2021
	Trichloromethane	0.02 ppbV	43803	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

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>				
	Ethyl Acetate	< 0.125 ppbV	43209	11/03/2021
	Tetrahydrofuran	0.56 ppbV	46401	11/03/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	11/03/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	11/03/2021
	Benzene	4.33 ppbV	45201	11/03/2021
	Carbon Tetrachloride	0.08 ppbV	43804	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.05 ppbV	43248	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	11/03/2021
	Bromodichloromethane	< 0.125 ppbV	43828	11/03/2021
	Trichloroethylene	< 0.125 ppbV	43824	11/03/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	11/03/2021
	Heptane	0.09 ppbV	43232	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	11/03/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	11/03/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	11/03/2021
	Toluene	0.76 ppbV	45202	11/03/2021
	Dibromochloromethane	< 0.125 ppbV	43832	11/03/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	11/03/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	11/03/2021
	Chlorobenzene	< 0.125 ppbV	45801	11/03/2021
	Ethylbenzene	0.45 ppbV	45203	11/03/2021
	m,p-Xylenes	0.49 ppbV	45109	11/03/2021
	Bromoform	< 0.125 ppbV	43806	11/03/2021
	Styrene	0.04 ppbV	45220	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	11/03/2021
	o-Xylene	0.18 ppbV	45204	11/03/2021
	4-Ethyltoluene	< 0.125 ppbV	45213	11/03/2021
	1,3,5-Trimethylbenzene	0.04 ppbV	45207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.14 ppbV	45208	11/03/2021
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	11/03/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	11/03/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	11/03/2021

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NELAC ID: VA010

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<u>EPA TO15</u>				
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	11/03/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	11/03/2021

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