

Commonwealth of Virginia
Division of Consolidated Laboratory Services

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Mail To

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

Sample Information

DATE RECEIVED	02/10/2022 13:23	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 15:30	STATION ID	BRISTOL, TN LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	522
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL, TN LANDFILL LOCATION #7
REPORT BDL	Y	LOCATION	BRISTOL, TN LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Butanal, 2-Butanone.			
	Propylene	< 0.125 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.39 ppbV	43823	02/19/2022
	Chloromethane	0.49 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.29 ppbV	43505	02/19/2022
	Freon 11	0.20 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.09 ppbV	43802	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	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	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.06 ppbV	43231	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022

Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP 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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REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Ethyl Acetate	< 0.125 ppbV	43209	02/19/2022
	Tetrahydrofuran	< 0.125 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	0.16 ppbV	45201	02/19/2022
	Carbon Tetrachloride	0.05 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.14 ppbV	43824	02/19/2022
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.05 ppbV	43232	02/19/2022
	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	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.12 ppbV	45202	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.02 ppbV	45203	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	m,p-Xylenes	0.05 ppbV	45109	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	< 0.125 ppbV	45220	02/19/2022
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	02/19/2022
	o-Xylene	0.02 ppbV	45204	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	4-Ethyltoluene	< 0.125 ppbV	45213	02/19/2022
	1,3,5-Trimethylbenzene	< 0.125 ppbV	45207	02/19/2022
	1,2,4-Trimethylbenzene	< 0.125 ppbV	45208	02/19/2022
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022

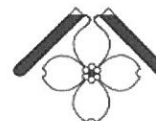
Explanation of Terms and Disclaimers

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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

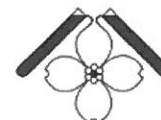
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DCLS

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REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201515

Mail To

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

Sample Information

DATE RECEIVED	02/10/2022 13:23	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 16:25	STATION ID	BRISTOL, TN LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	402
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TN LANDFILL LOCATION #8
REPORT BDL	Y	LOCATION	BRISTOL TN LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Isobutane, Butane, Ethanol, Acetone, Pentane, Dimethyl Sulfide, 1-propanol, 2-Butanone, 2,2,3,3-tetramethyl-Butane, N-propyl acetate, Nonane, Decane, p-Cymene.			
	Propylene	< 0.125 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.39 ppbV	43823	02/19/2022
	Chloromethane	0.51 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	0.11 ppbV	43218	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.16 ppbV	43505	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Freon 11	0.21 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.13 ppbV	43802	02/19/2022
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	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	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.16 ppbV	43231	02/19/2022

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DCLS LIMS #: E220201515

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	0.27 ppbV	43209	02/19/2022
	Tetrahydrofuran	0.44 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	3.52 ppbV	45201	02/19/2022
	Carbon Tetrachloride	0.07 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.05 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.46 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.54 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.29 ppbV	45203	02/19/2022
	m,p-Xylenes	0.27 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.02 ppbV	45220	02/19/2022
	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	02/19/2022
	o-Xylene	0.12 ppbV	45204	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.02 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.07 ppbV	45208	02/19/2022

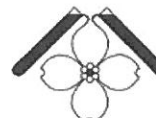
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201515

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
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EPA TO15

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022
1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

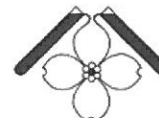
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201522

Mail To

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

Sample Information

DATE RECEIVED	02/10/2022 13:39	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 16:40	STATION ID	BRISTOL,VA LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	523
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL,VA LANDFILL LOCATION #9
REPORT BDL	Y	LOCATION	BRISTOL,VA LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: AMAHMOOD, Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Dimethyl Ether, Isobutane, Butane, Ethanol, Acetone, Dimethyl Sulfide, 2-methyl furan, 2-butanone, Pentane, Isopropyl Alcohol, 3,5-dimethylcyclopentene, Hexanal, 4-methyl-3-heptene, Octane, 2-Octene, 1,3-dimethyl Benzene, Alpha pinene, decane, D-Limonene, N-Propyl Acetate.			
	Propylene	2.52 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.36 ppbV	43823	02/19/2022
	Chloromethane	0.49 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.31 ppbV	43505	02/19/2022
	Freon 11	0.21 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.12 ppbV	43802	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	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	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.13 ppbV	43231	02/19/2022

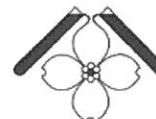
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022

DCLS LIMS #: E220201522

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	< 0.125 ppbV	43209	02/19/2022
	Tetrahydrofuran	0.89 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	6.44 ppbV	45201	02/19/2022
	2X Dilution			
	Carbon Tetrachloride	0.06 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.09 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.21 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.72 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.69 ppbV	45203	02/19/2022
	m,p-Xylenes	0.59 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.07 ppbV	45220	02/19/2022
	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	02/19/2022
	o-Xylene	0.22 ppbV	45204	02/19/2022
	4-Ethyltoluene	0.05 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.07 ppbV	45207	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.16 ppbV	45208	02/19/2022
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022

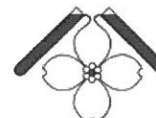
Explanation of Terms and Disclaimers

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201522

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Mail To

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

Sample Information

DATE RECEIVED	02/10/2022 13:39	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 15:11	STATION ID	BRISTOL,VA LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	401
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL,VA LANDFILL LOCATION #10
REPORT BDL	Y	LOCATION	BRISTOL,VA LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: AMAHMOOD, Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		02/19/2022
Identified: Propane, Isobutane, Butane, Ethanol, Acetone, Dimethyl Sulfide, 2-methyl propanol, Isopropyl Alcohol, 2-butanone, 2,4-dimethyl-3-pentanone, Octane, Alpha pinene, nonane, decane, p-Cymene				
	Propylene	2.29 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.38 ppbV	43823	02/19/2022
	Chloromethane	0.49 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.16 ppbV	43505	02/19/2022
PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.				
	Freon 11	0.21 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.12 ppbV	43802	02/19/2022
PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.				
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
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	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022

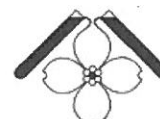
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Hexane	0.16 ppbV	43231	02/19/2022
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	0.10 ppbV	43209	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.75 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	5.82 ppbV	45201	02/19/2022
	2x dilution			
	Carbon Tetrachloride	0.04 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.06 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.17 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.64 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.52 ppbV	45203	02/19/2022
	m,p-Xylenes	0.47 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.03 ppbV	45220	02/19/2022
	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	02/19/2022
	o-Xylene	0.20 ppbV	45204	02/19/2022
	4-Ethyltoluene	0.03 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.06 ppbV	45207	02/19/2022

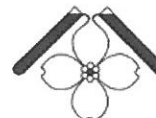
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Test Results

APPROVED BY: AMAHMOOD, Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,2,4-Trimethylbenzene	0.12 ppbV	45208	02/19/2022
	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

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