



# Report of Analysis

**For: AIR-Canister**

Ohio EPA DAPC, Lazarus Government Center  
Columbus, OH 43215

**Attn: Reyna Knight**

Report Date: 9/6/2022

<b>Lab Sample ID:</b> 22080209-01	<b>Collection Date:</b> 7/7/2022 11:30 AM
<b>Site:</b>	Start Collect: 7/7/2022 10:30:00 AM
<b>Location:</b> Mantua - Special Grab Sample for ARAQMD	End Collect: 7/7/2022 11:30:00 AM
<b>Client Sample ID:</b>	<b>Filter/Canister #:</b> 6235
<b>Received Date:</b> 8/8/2022 11:01:37 AM	<b>Air filter vol (m3):</b>
<b>Collector:</b> Kelly Kanoza	<b>Filter Strips:</b>
<b>Air Type:</b> Special Grab Sample	<b>Pressure:</b> 8
<b>Matrix:</b> Air Canisters	<b>Sample Type:</b> Grab
<b>Matrix Type:</b>	<b>Client Info:</b>

**Lab/Field Comment:** Special grab sample for ARAQMD; Canister was placed on top of shipping box, elevated approximately 13.5 inches during sampling. Received past holding time. Comment edited 9/6/22 per Rknight.

Analyte	Result	Value		DF	RL	Qual	Date
1,1,1-Trichloroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,1,1,2-Tetrachloroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,1,1,2-Trichloro-1,2,2-Trifluoroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,1,2-Trichloroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,1-Dichloroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,1-Dichloroethene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,2,4-Trichlorobenzene	< 0.500	0.00	ppbv	1	0.500	PT, U-	8/10/2022
1,2,4-Trimethylbenzene	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
1,2-Dibromoethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	< 0.100	0.0200	ppbv	1	0.100	PT, U-	8/10/2022
1,2-Dichlorobenzene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,2-Dichloroethane	< 0.100	0.0100	ppbv	1	0.100	PT, U-	8/10/2022
1,2-Dichloropropane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,3,5-Trimethylbenzene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,3-Butadiene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,3-Dichlorobenzene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,4-Dichlorobenzene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
1,4-Dioxane	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
2,2,4-Trimethylpentane	< 0.200	0.0200	ppbv	1	0.200	PT, U-	8/10/2022



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2-Butanone	< 0.500	0.390	ppbv	1	0.500	U+, PT	8/10/2022
2-Hexanone	< 0.100	0.0200	ppbv	1	0.100	PT, U-	8/10/2022
3-Chloropropene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
4-Ethyltoluene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
4-Methyl-2-pentanone	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Acetone	6.55	6.55	ppbv	1	2.00	PT	8/10/2022
Acrolein	1.66	1.66	ppbv	1	0.500	PT	8/10/2022
Acrylonitrile	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Benzene	< 0.100	0.0700	ppbv	1	0.100	PT, U-	8/10/2022
Benzyl chloride	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Bromodichloromethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Bromoform	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Bromomethane	< 0.100	0.0100	ppbv	1	0.100	PT, U-	8/10/2022
Carbon disulfide	3.60	3.60	ppbv	1	0.500	PT	8/10/2022
Carbon tetrachloride	< 0.100	0.0700	ppbv	1	0.100	U+, PT	8/10/2022
Chlorobenzene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Chloroethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Chloroform	< 0.200	0.0100	ppbv	1	0.200	PT, U-	8/10/2022
Chloromethane	0.610	0.610	ppbv	1	0.100	PT	8/10/2022
cis-1,2-Dichloroethene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022



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cis-1,3-Dichloropropene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Cumene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Cyclohexane	< 0.100	0.0200	ppbv	1	0.100	PT, U-	8/10/2022
Dibromochloromethane	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Dichlorodifluoromethane	0.480	0.480	ppbv	1	0.100	PT	8/10/2022
Ethanol	3.46	3.46	ppbv	1	1.00	PT	8/10/2022
Ethyl acetate	0.140	0.140	ppbv	1	0.100	PT	8/10/2022
Ethylbenzene	< 0.100	0.0200	ppbv	1	0.100	PT, U-	8/10/2022
Hexachlorobutadiene	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Hexane	0.100	0.100	ppbv	1	0.100	U+, PT	8/10/2022
Isopropyl alcohol	< 2.00	0.240	ppbv	1	2.00	U+, PT	8/10/2022
Methyl methacrylate	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Methyl-butyl ether	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Methylene chloride	< 0.500	0.100	ppbv	1	0.500	U+, PT	8/10/2022
Naphthalene	< 0.500	0.00	ppbv	1	0.500	PT, U-	8/10/2022
n-Butane	0.850	0.850	ppbv	1	0.100	PT	8/10/2022
n-Heptane	< 0.100	0.0300	ppbv	1	0.100	PT, U-	8/10/2022
o-Xylene	< 0.100	0.0200	ppbv	1	0.100	PT, U-	8/10/2022
Propylene	0.540	0.540	ppbv	1	0.200	PT	8/10/2022



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Analyte	Result	Value		DF	RL	Qual	Date
Styrene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Tetrachloroethylene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Tetrahydrofuran	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Toluene	0.760	0.760	ppbv	1	0.100	PT	8/10/2022
Total m&p-xylenes	< 0.200	0.0500	ppbv	1	0.200	PT, U-	8/10/2022
trans-1,2-Dichloroethene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
trans-1,3-Dichloropropene	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Trichloroethene	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022
Trichlorofluoromethane	< 0.200	0.190	ppbv	1	0.200	U+, PT	8/10/2022
Vinyl acetate	1.05	1.05	ppbv	1	0.200	PT	8/10/2022
Vinyl bromide	< 0.200	0.00	ppbv	1	0.200	PT, U-	8/10/2022
Vinyl chloride	< 0.100	0.00	ppbv	1	0.100	PT, U-	8/10/2022

NA = not analyzed