

Report of Analysis

Client:	RTP Environmental	Date Collected:	03/14/25
Project:	Yellow Cab - TO-15	Date Received:	03/14/25
Client Sample ID:	565-SG-1DL2	SDG No.:	Q1586
Lab Sample ID:	Q1586-01DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042161.D	600		03/17/25 17:01	VL031725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	130	643	UD	643	1480	ug/m3
74-87-3	Chloromethane	58.8	121	UD	121	620	ug/m3
75-01-4	Vinyl Chloride	8.40	21.5	UD	21.5	46.0	ug/m3
74-83-9	Bromomethane	84.0	326	UD	326	1160	ug/m3
75-00-3	Chloroethane	100	264	UD	264	792	ug/m3
109-99-9	Tetrahydrofuran	78.0	230	UD	230	885	ug/m3
75-69-4	Trichlorofluoromethane	96.0	539	UD	539	1690	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	96.0	736	UD	736	2300	ug/m3
76-14-2	Dichlorotetrafluoroethane	52.8	369	UD	369	2100	ug/m3
75-65-0	tert-Butyl alcohol	110	333	UD	333	909	ug/m3
142-82-5	Heptane	590	2420	D	270	1230	ug/m3
75-35-4	1,1-Dichloroethene	84.0	333	UD	333	1190	ug/m3
67-64-1	Acetone	140	333	UD	333	713	ug/m3
75-15-0	Carbon Disulfide	96.0	299	UD	299	934	ug/m3
1634-04-4	Methyl tert-Butyl Ether	72.0	260	UD	260	1080	ug/m3
75-09-2	Methylene Chloride	110	382	UD	382	1040	ug/m3
156-60-5	trans-1,2-Dichloroethene	110	436	UD	436	1190	ug/m3
75-34-3	1,1-Dichloroethane	78.0	316	UD	316	1210	ug/m3
110-82-7	Cyclohexane	780	2680	D	447	1030	ug/m3
78-93-3	2-Butanone	72.0	212	UD	212	885	ug/m3
56-23-5	Carbon Tetrachloride	6.60	41.5	UD	41.5	113	ug/m3
156-59-2	cis-1,2-Dichloroethene	53.4	212	UD	212	1190	ug/m3
67-66-3	Chloroform	49.8	243	UD	243	1470	ug/m3
71-55-6	1,1,1-Trichloroethane	5.70	31.1	UD	31.1	98.2	ug/m3
540-84-1	2,2,4-Trimethylpentane	60.0	280	UD	280	1400	ug/m3
71-43-2	Benzene	420	1340	D	167	958	ug/m3
107-06-2	1,2-Dichloroethane	54.6	221	UD	221	1210	ug/m3
79-01-6	Trichloroethene	10.2	54.8	UD	54.8	96.7	ug/m3
78-87-5	1,2-Dichloropropane	66.0	305	UD	305	1390	ug/m3
75-27-4	Bromodichloromethane	46.2	310	UD	310	2010	ug/m3
108-10-1	4-Methyl-2-Pentanone	55.8	229	UD	229	1230	ug/m3
108-88-3	Toluene	66.0	249	UD	249	1130	ug/m3
10061-02-6	t-1,3-Dichloropropene	36.0	163	UD	163	1360	ug/m3
10061-01-5	cis-1,3-Dichloropropene	38.4	174	UD	174	1360	ug/m3
79-00-5	1,1,2-Trichloroethane	42.6	232	UD	232	1640	ug/m3

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124-48-1	Dibromochloromethane	39.6	337	UD	337	2560	ug/m3
106-93-4	1,2-Dibromoethane	43.2	332	UD	332	461	ug/m3
127-18-4	Tetrachloroethene	9.00	61.0	UD	61.0	122	ug/m3
108-90-7	Chlorobenzene	45.6	210	UD	210	1380	ug/m3
100-41-4	Ethyl Benzene	72.0	313	UD	313	1300	ug/m3
179601-23-1	m/p-Xylene	130	565	UD	565	2610	ug/m3
95-47-6	o-Xylene	72.0	313	UD	313	1300	ug/m3
100-42-5	Styrene	66.0	281	UD	281	1280	ug/m3
75-25-2	Bromoform	34.2	354	UD	354	3100	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	6.60	45.3	UD	45.3	124	ug/m3
95-49-8	2-Chlorotoluene	66.0	342	UD	342	1550	ug/m3
108-67-8	1,3,5-Trimethylbenzene	66.0	324	UD	324	1470	ug/m3
95-63-6	1,2,4-Trimethylbenzene	46.8	230	UD	230	1470	ug/m3
541-73-1	1,3-Dichlorobenzene	48.0	289	UD	289	1800	ug/m3
106-46-7	1,4-Dichlorobenzene	31.8	191	UD	191	1800	ug/m3
95-50-1	1,2-Dichlorobenzene	45.0	271	UD	271	1800	ug/m3
120-82-1	1,2,4-Trichlorobenzene	51.0	379	UD	379	2230	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	51.0	544	UD	544	3200	ug/m3
106-99-0	1,3-Butadiene	78.0	173	UD	173	664	ug/m3
91-20-3	Naphthalene	45.0	236	UD	236	315	ug/m3
622-96-8	4-Ethyltoluene	72.0	354	UD	354	1470	ug/m3
110-54-3	Hexane	6200	21900	D	233	1060	ug/m3
107-05-1	Allyl Chloride	90.0	282	UD	282	939	ug/m3
123-91-1	1,4-Dioxane	130	469	UD	469	1080	ug/m3
80-62-6	Methyl Methacrylate	51.6	211	UD	211	1230	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	159000		2.797			
540-36-3	1,4-Difluorobenzene	390000		3.972			
3114-55-4	Chlorobenzene-d5	317000		8.895			

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U = Not Detected
 RL = Reporting Limit
 MDL = Method Detection Limit
 E = Value Exceeds Calibration Range
 D = Dilution

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 Q = indicates LCS control criteria did not meet requirements