

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-SG-1DL2
Lab Sample ID: Q3626-12DL2
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3626
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	66.0	326	UD	600	326	1480	11/20/25 07:35	VL111925
74-87-3	Chloromethane	58.8	121	UD	600	121	620	11/20/25 07:35	VL111925
75-01-4	Vinyl Chloride	15.0	38.3	UD	600	38.3	46.0	11/20/25 07:35	VL111925
74-83-9	Bromomethane	46.2	179	UD	600	179	1160	11/20/25 07:35	VL111925
75-00-3	Chloroethane	90.0	238	UD	600	238	792	11/20/25 07:35	VL111925
109-99-9	Tetrahydrofuran	48.0	142	UD	600	142	885	11/20/25 07:35	VL111925
75-69-4	Trichlorofluoromethane	100	562	UD	600	562	1690	11/20/25 07:35	VL111925
76-13-1	1,1,2-Trichlorotrifluoroethane	84.0	644	UD	600	644	2300	11/20/25 07:35	VL111925
76-14-2	Dichlorotetrafluoroethane	90.0	629	UD	600	629	2100	11/20/25 07:35	VL111925
75-65-0	tert-Butyl alcohol	96.0	291	UD	600	291	909	11/20/25 07:35	VL111925
142-82-5	Heptane	100	410	UD	600	410	1230	11/20/25 07:35	VL111925
75-35-4	1,1-Dichloroethene	90.0	357	UD	600	357	1190	11/20/25 07:35	VL111925
67-64-1	Acetone	4000	9500	D	600	261	713	11/20/25 07:35	VL111925
75-15-0	Carbon Disulfide	48.0	149	UD	600	149	934	11/20/25 07:35	VL111925
1634-04-4	Methyl tert-Butyl Ether	140	505	UD	600	505	1080	11/20/25 07:35	VL111925
75-09-2	Methylene Chloride	140	486	UD	600	486	1040	11/20/25 07:35	VL111925
156-60-5	trans-1,2-Dichloroethene	72.0	285	UD	600	285	1190	11/20/25 07:35	VL111925
75-34-3	1,1-Dichloroethane	78.0	316	UD	600	316	1210	11/20/25 07:35	VL111925
110-82-7	Cyclohexane	130	447	UD	600	447	1030	11/20/25 07:35	VL111925
78-93-3	2-Butanone	33.6	99.1	UD	600	99.1	885	11/20/25 07:35	VL111925
56-23-5	Carbon Tetrachloride	15.0	94.4	UD	600	94.4	113	11/20/25 07:35	VL111925
156-59-2	cis-1,2-Dichloroethene	59.4	236	UD	600	236	1190	11/20/25 07:35	VL111925
67-66-3	Chloroform	57.6	281	UD	600	281	1470	11/20/25 07:35	VL111925
71-55-6	1,1,1-Trichloroethane	9.60	52.4	UD	600	52.4	98.2	11/20/25 07:35	VL111925
540-84-1	2,2,4-Trimethylpentane	84.0	392	UD	600	392	1400	11/20/25 07:35	VL111925
71-43-2	Benzene	47.4	151	UD	600	151	958	11/20/25 07:35	VL111925
107-06-2	1,2-Dichloroethane	55.8	226	UD	600	226	1210	11/20/25 07:35	VL111925
79-01-6	Trichloroethene	14.4	77.4	UD	600	77.4	96.7	11/20/25 07:35	VL111925
78-87-5	1,2-Dichloropropane	78.0	360	UD	600	360	1390	11/20/25 07:35	VL111925
75-27-4	Bromodichloromethane	37.8	253	UD	600	253	2010	11/20/25 07:35	VL111925
108-10-1	4-Methyl-2-Pentanone	58.2	239	UD	600	239	1230	11/20/25 07:35	VL111925
108-88-3	Toluene	96.0	362	UD	600	362	1130	11/20/25 07:35	VL111925
10061-02-6	t-1,3-Dichloropropene	90.0	409	UD	600	409	1360	11/20/25 07:35	VL111925
10061-01-5	cis-1,3-Dichloropropene	66.0	300	UD	600	300	1360	11/20/25 07:35	VL111925
79-00-5	1,1,2-Trichloroethane	48.6	265	UD	600	265	1640	11/20/25 07:35	VL111925
124-48-1	Dibromochloromethane	51.0	434	UD	600	434	2560	11/20/25 07:35	VL111925
106-93-4	1,2-Dibromoethane	51.0	392	UD	600	392	461	11/20/25 07:35	VL111925
127-18-4	Tetrachloroethene	9.00	61.0	UD	600	61.0	122	11/20/25 07:35	VL111925
108-90-7	Chlorobenzene	46.2	213	UD	600	213	1380	11/20/25 07:35	VL111925
100-41-4	Ethyl Benzene	110	478	UD	600	478	1300	11/20/25 07:35	VL111925
179601-23-1	m/p-Xylene	250	1090	UD	600	1090	2610	11/20/25 07:35	VL111925
95-47-6	o-Xylene	130	565	UD	600	565	1300	11/20/25 07:35	VL111925
100-42-5	Styrene	96.0	409	UD	600	409	1280	11/20/25 07:35	VL111925
75-25-2	Bromoform	28.8	298	UD	600	298	3100	11/20/25 07:35	VL111925
79-34-5	1,1,2,2-Tetrachloroethane	10.8	74.2	UD	600	74.2	124	11/20/25 07:35	VL111925
95-49-8	2-Chlorotoluene	100	518	UD	600	518	1550	11/20/25 07:35	VL111925

Report of Analysis

Client: RTP Environmental
Project: CHADWICK SQUARE
Client Sample ID: 16-SG-1DL2
Lab Sample ID: Q3626-12DL2
Analytical Method: TO-15
Sample Wt/Vol: 400 mL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3626
Matrix: Air
Test: TO-15

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qua.	DF	MDL ug/m3	LOQ / CRQL ug/m3	Date Ana.	BatchID
108-67-8	1,3,5-Trimethylbenzene	110	541	UD	600	541	1470	11/20/25 07:35	VL111925
95-63-6	1,2,4-Trimethylbenzene	110	541	UD	600	541	1470	11/20/25 07:35	VL111925
541-73-1	1,3-Dichlorobenzene	32.4	195	UD	600	195	1800	11/20/25 07:35	VL111925
106-46-7	1,4-Dichlorobenzene	78.0	469	UD	600	469	1800	11/20/25 07:35	VL111925
95-50-1	1,2-Dichlorobenzene	78.0	469	UD	600	469	1800	11/20/25 07:35	VL111925
120-82-1	1,2,4-Trichlorobenzene	130	965	UD	600	965	2230	11/20/25 07:35	VL111925
87-68-3	Hexachloro-1,3-Butadiene	78.0	832	UD	600	832	3200	11/20/25 07:35	VL111925
106-99-0	1,3-Butadiene	30.6	67.7	UD	600	67.7	664	11/20/25 07:35	VL111925
91-20-3	Naphthalene	7.80	40.9	UD	600	40.9	315	11/20/25 07:35	VL111925
622-96-8	4-Ethyltoluene	130	639	UD	600	639	1470	11/20/25 07:35	VL111925
110-54-3	Hexane	96.0	338	UD	600	338	1060	11/20/25 07:35	VL111925
107-05-1	Allyl Chloride	66.0	207	UD	600	207	939	11/20/25 07:35	VL111925
123-91-1	1,4-Dioxane	130	469	UD	600	469	1080	11/20/25 07:35	VL111925
80-62-6	Methyl Methacrylate	84.0	344	UD	600	344	1230	11/20/25 07:35	VL111925

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.80		70 (65) - 130 (135)	98% SPK: 10
----------	-------------------------	------	--	---------------------	-------------

INTERNAL STANDARDS

	Area Count	
74-97-5	Bromochloromethane	101000
540-36-3	1,4-Difluorobenzene	272000
3114-55-4	Chlorobenzene-d5	204000

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