Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	RTP Environmental	Date Collected:	
Project:	CHADWICK SQUARE	Date Received:	
Client Sample ID:	VL1120ABS01	SDG No.:	Q3626
Lab Sample ID:	VL1120ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

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	11.5	56.9		1	0.54	2.47	11/20/25 12:07	VL112025
74-87-3	Chloromethane	10.3	21.3		1	0.21	1.03	11/20/25 12:07	VL112025
75-01-4	Vinyl Chloride	9.50	24.3		1	0.080	0.080	11/20/25 12:07	VL112025
74-83-9	Bromomethane	9.10	35.3		1	0.31	1.94	11/20/25 12:07	VL112025
75-00-3	Chloroethane	9.70	25.6		1	0.40	1.32	11/20/25 12:07	VL112025
109-99-9	Tetrahydrofuran	8.70	25.7		1	0.24	1.47	11/20/25 12:07	VL112025
75-69-4	Trichlorofluoromethane	12.4	69.7		1	0.96	2.81	11/20/25 12:07	VL112025
76-13-1	1,1,2-Trichlorotrifluoroethane	11.7	89.7		1	1.07	3.83	11/20/25 12:07	VL112025
76-14-2	Dichlorotetrafluoroethane	11.0	76.9		1	1.05	3.49	11/20/25 12:07	VL112025
75-65-0	tert-Butyl alcohol	9.30	28.2		1	0.49	1.52	11/20/25 12:07	VL112025
142-82-5	Heptane	8.90	36.5		1	0.70	2.05	11/20/25 12:07	VL112025
75-35-4	1,1-Dichloroethene	10.6	42.0		1	0.59	1.98	11/20/25 12:07	VL112025
67-64-1	Acetone	8.50	20.2		1	0.43	1.19	11/20/25 12:07	VL112025
75-15-0	Carbon Disulfide	10.9	33.9		1	0.25	1.56	11/20/25 12:07	VL112025
1634-04-4	Methyl tert-Butyl Ether	9.90	35.7		1	0.83	1.80	11/20/25 12:07	VL112025
75-09-2	Methylene Chloride	11.8	41.0		1	0.80	1.74	11/20/25 12:07	VL112025
156-60-5	trans-1,2-Dichloroethene	10.6	42.0		1	0.48	1.98	11/20/25 12:07	VL112025
75-34-3	1,1-Dichloroethane	11.0	44.5		1	0.53	2.02	11/20/25 12:07	VL112025
110-82-7	Cyclohexane	9.60	33.0		1	0.76	1.72	11/20/25 12:07	VL112025
78-93-3	2-Butanone	9.30	27.4		1	0.18	1.47	11/20/25 12:07	VL112025
56-23-5	Carbon Tetrachloride	11.5	72.3		1	0.19	0.19	11/20/25 12:07	VL112025
156-59-2	cis-1,2-Dichloroethene	10.0	39.6		1	0.40	1.98	11/20/25 12:07	VL112025
67-66-3	Chloroform	11.7	57.1		1	0.49	2.44	11/20/25 12:07	VL112025
71-55-6	1,1,1-Trichloroethane	11.2	61.1		1	0.11	0.16	11/20/25 12:07	VL112025
540-84-1	2,2,4-Trimethylpentane	9.60	44.8		1	0.65	2.34	11/20/25 12:07	VL112025
71-43-2	Benzene	10.0	31.9		1	0.26	1.60	11/20/25 12:07	VL112025
107-06-2	1,2-Dichloroethane	11.3	45.7		1	0.36	2.02	11/20/25 12:07	VL112025
79-01-6	Trichloroethene	10.6	57.0		1	0.11	0.16	11/20/25 12:07	VL112025
78-87-5	1,2-Dichloropropane	9.70	44.8		1	0.60	2.31	11/20/25 12:07	VL112025
75-27-4	Bromodichloromethane	11.2	75.0		1	0.40	3.35	11/20/25 12:07	VL112025
108-10-1	4-Methyl-2-Pentanone	8.90	36.5		1	0.41	2.05	11/20/25 12:07	VL112025
108-88-3	Toluene	9.60	36.2		1	0.60	1.88	11/20/25 12:07	VL112025
10061-02-6	t-1,3-Dichloropropene	7.50	34.0		1	0.68	2.27	11/20/25 12:07	VL112025
10061-01-5	cis-1,3-Dichloropropene	7.80	35.4		1	0.50	2.27	11/20/25 12:07	VL112025
79-00-5	1,1,2-Trichloroethane	10.4	56.7		1	0.44	2.73	11/20/25 12:07	VL112025
124-48-1	Dibromochloromethane	10.9	92.9		1	0.77	4.26	11/20/25 12:07	VL112025
106-93-4	1,2-Dibromoethane	9.70	74.5		1	0.69	0.77	11/20/25 12:07	VL112025
127-18-4	Tetrachloroethene	10.4	70.5		1	0.14	0.20	11/20/25 12:07	VL112025
108-90-7	Chlorobenzene	10.7	49.3		1	0.37	2.30	11/20/25 12:07	VL112025
100-41-4	Ethyl Benzene	10.4	45.2		1	0.83	2.17	11/20/25 12:07	VL112025
179601-23-1	m/p-Xylene	21.4	93.0		1	1.78	4.34	11/20/25 12:07	VL112025
95-47-6	o-Xylene	10.7	46.5		1	0.91	2.17	11/20/25 12:07	VL112025
100-42-5	Styrene	9.40	40.0		1	0.68	2.13	11/20/25 12:07	VL112025
75-25-2	Bromoform	11.0	114		1	0.52	5.17	11/20/25 12:07	VL112025
79-34-5	1,1,2,2-Tetrachloroethane	10.4	71.4		1	0.14	0.21	11/20/25 12:07	VL112025
95-49-8	2-Chlorotoluene	10.3	53.3		1	0.88	2.59	11/20/25 12:07	VL112025

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Lab Sample ID:	VL1120ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 mL		

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	10.6	52.1		1	0.88	2.46	11/20/25 12:07	VL112025
95-63-6	1,2,4-Trimethylbenzene	10.6	52.1		1	0.88	2.46	11/20/25 12:07	VL112025
541-73-1	1,3-Dichlorobenzene	10.8	64.9		1	0.30	3.01	11/20/25 12:07	VL112025
106-46-7	1,4-Dichlorobenzene	10.6	63.7		1	0.78	3.01	11/20/25 12:07	VL112025
95-50-1	1,2-Dichlorobenzene	10.6	63.7		1	0.78	3.01	11/20/25 12:07	VL112025
120-82-1	1,2,4-Trichlorobenzene	10.8	80.2		1	1.56	3.71	11/20/25 12:07	VL112025
87-68-3	Hexachloro-1,3-Butadiene	10.0	107		1	1.39	5.33	11/20/25 12:07	VL112025
106-99-0	1,3-Butadiene	9.80	21.7		1	0.11	1.11	11/20/25 12:07	VL112025
91-20-3	Naphthalene	9.80	51.4		1	0.050	0.52	11/20/25 12:07	VL112025
622-96-8	4-Ethyltoluene	10.5	51.6		1	1.03	2.46	11/20/25 12:07	VL112025
110-54-3	Hexane	9.50	33.5		1	0.56	1.76	11/20/25 12:07	VL112025
107-05-1	Allyl Chloride	8.80	27.5		1	0.34	1.57	11/20/25 12:07	VL112025
123-91-1	1,4-Dioxane	8.20	29.6		1	0.79	1.80	11/20/25 12:07	VL112025
80-62-6	Methyl Methacrylate	8.90	36.4		1	0.57	2.05	11/20/25 12:07	VL112025
SURROGATES									
460-00-4	1-Bromo-4-Fluorobenzene	10.5				70 (65) - 130 (135)	105% SPK: 10		
INTERNAL STANDARDS		**Area Count**							
74-97-5	Bromochloromethane	101000							
540-36-3	1,4-Difluorobenzene	270000							
3114-55-4	Chlorobenzene-d5	214000							

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