

**Preliminary Analytical Results for VOC Samples
Rockton Chemtool Fire
Rockton, Winnebago County, Illinois**

Analyte	Cas No.	EPA Residential Air RML (TCR=1E-4, HQ=3)	RCF-309T-210614	RCF-Facility-210614	RCF-IDOT-210614	RCF-225P-210615	RCF-715A-210615	RCF-NET1-061621	RCF-NET2-061621
1,1,1-Trichloroethane	71-55-6	16000	<0.0077	<0.0087	<0.0071	<0.0096	<0.0097	<0.01	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	4.8	<0.0094	<0.011	<0.0087	<0.012	<0.012	<0.013	<0.013
1,1,2-Trichloroethane	79-00-5	0.63	<0.01	<0.012	<0.0096	<0.013	<0.013	<0.014	<0.014
1,1,2-Trichlorotrifluoroethane	76-13-1	16000	0.47	0.47	0.47	0.46	0.48	0.42	0.42
1,1-Dichloroethane	75-34-3	180	<0.0079	<0.009	<0.0074	<0.0099	<0.01	<0.011	<0.011
1,1-Dichloroethene	75-35-4	630	<0.011	<0.013	<0.01	<0.014	<0.014	<0.015	<0.015
1,2,4-Trichlorobenzene	120-82-1	6.3	<0.017	<0.019	<0.016	<0.021	<0.021	<0.023	<0.023
1,2,4-Trimethylbenzene	95-63-6	190	0.2	0.23	0.14	0.18	<0.014	0.22	0.23
1,2-Dibromo 3-Chloropropane	96-12-8	0.017	<0.012	<0.014	<0.011	<0.015	<0.016	<0.017	<0.017
1,2-Dibromoethane	106-93-4	0.47	<0.01	<0.012	<0.0096	<0.013	<0.013	<0.014	<0.014
1,2-Dichlorobenzene	95-50-1	630	<0.011	<0.012	<0.01	<0.013	<0.014	<0.014	<0.014
1,2-Dichloroethane	107-06-2	11	0.067	0.064	0.063	0.065	0.062	0.45	0.32
1,2-Dichloropropane	78-87-5	13	<0.0095	<0.011	<0.0088	<0.012	<0.012	<0.013	<0.013
1,3,5-Trimethylbenzene	108-67-8	190	<0.0095	<0.011	<0.0088	<0.012	<0.012	<0.013	<0.013
1,3-Butadiene	106-99-0	6.3	<0.018	0.43	<0.017	<0.023	<0.023	0.41	0.37
1,3-Dichlorobenzene	541-73-1	NE	<0.011	<0.013	<0.01	<0.014	<0.014	<0.015	<0.015
1,4-Dichlorobenzene	106-46-7	26	<0.011	<0.012	<0.0098	<0.013	<0.013	0.045	<0.014
1,4-Dioxane	123-91-1	56	<0.011	<0.013	<0.01	<0.014	<0.014	<0.015	<0.015
Acetone	67-64-1	97000	9.1	8.5	7.9	8.1	7.6	6.3	5.3
Acrolein	107-02-8	0.063	0.33	0.42	0.39	<0.063	<0.064	0.42	<0.068
Benzene	71-43-2	36	0.32	1.4	0.25	0.32	0.45	1.6	1.4
Bromodichloromethane	75-27-4	7.6	<0.009	<0.01	<0.0083	<0.011	<0.011	<0.012	<0.012
Bromomethane	75-25-2	16	<0.012	<0.014	<0.011	<0.015	<0.015	<0.016	<0.016
Carbon Tetrachloride	56-23-5	47	0.41	0.4	0.41	0.4	0.39	0.35	0.34
Chlorobenzene	108-90-7	160	<0.012	<0.014	<0.011	<0.015	<0.015	<0.016	<0.016
Chloroethane	75-00-3	31000	<0.011	<0.013	<0.01	<0.014	<0.014	<0.015	<0.015
Chloroform	67-66-3	12	0.18	<0.027	<0.022	<0.029	<0.03	<0.031	<0.031
Chloromethane	74-87-3	280	0.096	0.086	0.087	0.086	0.087	0.25	0.23
cis-1,2-Dichloroethene	156-59-2	--	<0.012	<0.014	<0.011	<0.015	<0.015	<0.016	<0.016
cis-1,3-Dichloropropene	10061-01-5	NE	<0.0081	<0.0092	<0.0075	<0.01	<0.01	<0.011	<0.011
Dibromochloromethane	124-48-1	--	<0.011	<0.013	<0.011	<0.014	<0.015	<0.015	<0.015
Dichlorodifluoromethane (CFC 12)	75-71-8	310	1.9	1.8	2	2	1.9	1.9	1.8
Dichloromethane (Methylene Chloride)	75-09-2	1900	0.5	0.31	0.52	0.32	0.33	0.46	0.39
Ethylbenzene	100-41-4	110	0.17	0.24	<0.012	0.17	<0.016	2.5	2
Hexachlorobutadiene	87-68-3	13	<0.012	<0.014	<0.011	<0.015	<0.015	<0.016	<0.016
m,p-Xylenes	108-38-3	NE	0.58	0.73	0.35	0.54	0.36	10	8.9
Methyl tert-Butyl Ether	1634-04-4	1100	<0.012	<0.014	<0.011	<0.015	<0.015	<0.016	<0.016
Naphthalene	91-20-3	8.3	0.17	0.25	0.16	<0.026	<0.026	0.3	0.38
o-Xylene	95-47-6	310	0.22	0.27	0.13	0.21	<0.015	2.9	2.5
Styrene	100-42-5	3100	<0.0096	<0.011	<0.009	<0.012	<0.012	0.18	0.18
Tetrachloroethene	127-18-4	130	0.05	0.065	0.034	0.058	0.052	0.06	0.044
Toluene	108-88-3	16000	0.99	1.5	0.66	1.2	0.78	1.4	1.2
trans-1,2-Dichloroethene	156-60-5	130	<0.0095	<0.011	<0.0088	<0.012	<0.012	<0.013	<0.013
trans-1,3-Dichloropropene	10061-02-6	NE	<0.0072	<0.0081	<0.0067	<0.0089	<0.0091	<0.0096	<0.0096
Trichloroethene	79-01-6	6.3	<0.011	<0.013	<0.01	<0.014	<0.014	<0.015	<0.015
Trichlorofluoromethane	75-69-4	--	1.2	1.1	1.2	1.4	1.2	1.1	1.1
Vinyl Chloride	75-01-4	17	<0.0099	<0.011	<0.0092	<0.012	<0.013	<0.013	<0.013

Notes:

All units are micrograms per cubic meter (ug/m³)

-- No screening level

< This result is less than the numerical value.

CAS Chemical Abstract Service

EPA U.S. Environmental Protection Agency

HQ Hazard Quotient

NE Not Evaluated

RCF Rockton Chemtool Facility

RML Removal Management Level

TCR Target Cancer Risk

VOC Volatile Organic Compounds

Bolded results were detected in the sample

Result exceeds the EPA RML

Results have not been validated, and should be considered preliminary