Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-3S (12)
Date Collected: 06/30/23 07:45
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-2
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Styrene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,1,1,2-Tetrachloroethane	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Tetrachloroethene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Toluene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,2,3-Trichlorobenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,2,4-Trichlorobenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,3,5-Trichlorobenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,1,1-Trichloroethane	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,1,2-Trichloroethane	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Trichloroethene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Trichlorofluoromethane (Freon 11)	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,2,3-Trichloropropane	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,2,4-Trimethylbenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,3,5-Trimethylbenzene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Vinyl chloride	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
m,p-Xylene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
o-Xylene	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Tetrahydrofuran	ND	*3	0.00792		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Ethyl ether	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Tert-amyl methyl ether	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Ethyl tert-butyl ether	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
di-Isopropyl ether	ND	*3	0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
tert-Butanol	ND	*3	0.0792		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,4-Dioxane	ND	*3	0.0792		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0198		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Ethanol	ND	*3	0.792		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
1,3-Dichloropropene, Total	ND		0.00396		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1
Xylenes, Total	ND		0.0119		mg/Kg	☼	07/05/23 10:09	07/05/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*	*3	*70 - 130*	*07/05/23 10:09*	*07/05/23 20:20*	*1*
Toluene-d8 (Surr)	*94*	*3	*70 - 130*	*07/05/23 10:09*	*07/05/23 20:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*	*3	*70 - 130*	*07/05/23 10:09*	*07/05/23 20:20*	*1*
Dibromofluoromethane (Surr)	*98*	*3	*70 - 130*	*07/05/23 10:09*	*07/05/23 20:20*	*1*

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Acetone	ND	*3	0.0414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Acrylonitrile	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Benzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Bromobenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Bromochloromethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Bromodichloromethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Bromoform	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Bromomethane	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
2-Butanone (MEK)	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-3S (12)
Lab Sample ID: 620-12533-2
Date Collected: 06/30/23 07:45
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 83.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
n-Butylbenzene	ND		0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
sec-Butylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
tert-Butylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Carbon disulfide	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Carbon tetrachloride	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Chlorobenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Chloroethane	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Chloroform	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Chloromethane	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
4-Chlorotoluene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2-Dibromo-3-Chloropropane	ND		0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Dibromochloromethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2-Dibromoethane (EDB)	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Dibromomethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2-Dichlorobenzene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,3-Dichlorobenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,4-Dichlorobenzene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Dichlorodifluoromethane (Freon 12)	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1-Dichloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2-Dichloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1-Dichloroethene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
cis-1,2-Dichloroethene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
trans-1,2-Dichloroethene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2-Dichloropropane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,3-Dichloropropane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
2,2-Dichloropropane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1-Dichloropropene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
cis-1,3-Dichloropropene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
trans-1,3-Dichloropropene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Ethylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Hexachlorobutadiene	ND		0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
2-Hexanone (MBK)	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Isopropylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
4-Isopropyltoluene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Methyl tert-butyl ether	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
4-Methyl-2-pentanone (MIBK)	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Methylene Chloride	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Naphthalene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
N-Propylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Styrene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1,1,2-Tetrachloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Tetrachloroethene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Toluene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2,3-Trichlorobenzene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2,4-Trichlorobenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,3,5-Trichlorobenzene	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,1,1-Trichloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-3S (12)
Date Collected: 06/30/23 07:45
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-2
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Trichloroethene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Trichlorofluoromethane (Freon 11)	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2,3-Trichloropropane	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,2,4-Trimethylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,3,5-Trimethylbenzene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Vinyl chloride	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
m,p-Xylene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
o-Xylene	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Tetrahydrofuran	ND	*3	0.00827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Ethyl ether	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Tert-amyl methyl ether	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Ethyl tert-butyl ether	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
di-Isopropyl ether	ND	*3	0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
tert-Butanol	ND	*3	0.0827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,4-Dioxane	ND	*3	0.0827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0207		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Ethanol	ND	*3	0.827		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
1,3-Dichloropropene, Total	ND		0.00414		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1
Xylenes, Total	ND		0.0124		mg/Kg	☼	07/06/23 10:24	07/06/23 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*	*3	*70 - 130*	*07/06/23 10:24*	*07/06/23 19:02*	*1*
Toluene-d8 (Surr)	*95*	*3	*70 - 130*	*07/06/23 10:24*	*07/06/23 19:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*	*3	*70 - 130*	*07/06/23 10:24*	*07/06/23 19:02*	*1*
Dibromofluoromethane (Surr)	*101*	*3	*70 - 130*	*07/06/23 10:24*	*07/06/23 19:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.8**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**83.2**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-4D (14)
Lab Sample ID: 620-12533-3
Date Collected: 06/30/23 08:30
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 85.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Acetone	ND		0.0430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Acrylonitrile	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Benzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Bromobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Bromochloromethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Bromodichloromethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Bromoform	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Bromomethane	ND	*-	0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
2-Butanone (MEK)	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
2-Chlorotoluene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
n-Butylbenzene	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
sec-Butylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
tert-Butylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Carbon disulfide	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Carbon tetrachloride	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Chlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Chloroethane	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Chloroform	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Chloromethane	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
4-Chlorotoluene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2-Dibromo-3-Chloropropane	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Dibromochloromethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2-Dibromoethane (EDB)	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Dibromomethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2-Dichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,3-Dichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,4-Dichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1-Dichloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2-Dichloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1-Dichloroethene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
cis-1,2-Dichloroethene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
trans-1,2-Dichloroethene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2-Dichloropropane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,3-Dichloropropane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
2,2-Dichloropropane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1-Dichloropropene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
cis-1,3-Dichloropropene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
trans-1,3-Dichloropropene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Ethylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Hexachlorobutadiene	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
2-Hexanone (MBK)	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Isopropylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
4-Isopropyltoluene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Methyl tert-butyl ether	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Methylene Chloride	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Naphthalene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-4D (14)
Date Collected: 06/30/23 08:30
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-3
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Styrene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1,1,2-Tetrachloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1,2,2-Tetrachloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Tetrachloroethene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Toluene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2,3-Trichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2,4-Trichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,3,5-Trichlorobenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1,1-Trichloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,1,2-Trichloroethane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Trichloroethene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Trichlorofluoromethane (Freon 11)	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2,3-Trichloropropane	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,2,4-Trimethylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,3,5-Trimethylbenzene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Vinyl chloride	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
m,p-Xylene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
o-Xylene	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Tetrahydrofuran	ND		0.00861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Ethyl ether	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Tert-amyl methyl ether	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Ethyl tert-butyl ether	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
di-Isopropyl ether	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
tert-Butanol	ND		0.0861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,4-Dioxane	ND		0.0861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
trans-1,4-Dichloro-2-butene	ND		0.0215		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Ethanol	ND		0.861		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
1,3-Dichloropropene, Total	ND		0.00430		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1
Xylenes, Total	ND		0.0129		mg/Kg	☼	07/05/23 10:09	07/05/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/05/23 10:09*	*07/05/23 20:46*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/05/23 10:09*	*07/05/23 20:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/05/23 10:09*	*07/05/23 20:46*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*07/05/23 10:09*	*07/05/23 20:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.2**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**85.8**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-4S (12)
Lab Sample ID: 620-12533-4
Date Collected: 06/30/23 08:05
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 82.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Acetone	ND		0.0467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Acrylonitrile	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Benzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Bromobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Bromochloromethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Bromodichloromethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Bromoform	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Bromomethane	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
2-Butanone (MEK)	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
2-Chlorotoluene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
n-Butylbenzene	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
sec-Butylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
tert-Butylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Carbon disulfide	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Carbon tetrachloride	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Chlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Chloroethane	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Chloroform	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Chloromethane	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
4-Chlorotoluene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2-Dibromo-3-Chloropropane	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Dibromochloromethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2-Dibromoethane (EDB)	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Dibromomethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2-Dichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,3-Dichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,4-Dichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Dichlorodifluoromethane (Freon 12)	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1-Dichloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2-Dichloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1-Dichloroethene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
cis-1,2-Dichloroethene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
trans-1,2-Dichloroethene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2-Dichloropropane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,3-Dichloropropane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
2,2-Dichloropropane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1-Dichloropropene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
cis-1,3-Dichloropropene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
trans-1,3-Dichloropropene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Ethylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Hexachlorobutadiene	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
2-Hexanone (MBK)	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Isopropylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
4-Isopropyltoluene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Methyl tert-butyl ether	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Methylene Chloride	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Naphthalene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-4S (12)
Date Collected: 06/30/23 08:05
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-4
Matrix: Solid
Percent Solids: 82.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Styrene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1,1,2-Tetrachloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1,2,2-Tetrachloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Tetrachloroethene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Toluene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2,3-Trichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2,4-Trichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,3,5-Trichlorobenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1,1-Trichloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,1,2-Trichloroethane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Trichloroethene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Trichlorofluoromethane (Freon 11)	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2,3-Trichloropropane	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,2,4-Trimethylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,3,5-Trimethylbenzene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Vinyl chloride	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
m,p-Xylene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
o-Xylene	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Tetrahydrofuran	ND		0.00934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Ethyl ether	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Tert-amyl methyl ether	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Ethyl tert-butyl ether	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
di-Isopropyl ether	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
tert-Butanol	ND		0.0934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,4-Dioxane	ND		0.0934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
trans-1,4-Dichloro-2-butene	ND		0.0233		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Ethanol	ND		0.934		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
1,3-Dichloropropene, Total	ND		0.00467		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1
Xylenes, Total	ND		0.0140		mg/Kg	☼	07/06/23 10:24	07/06/23 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:27*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:27*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.1**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**82.9**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-5D (14)
Lab Sample ID: 620-12533-5
Date Collected: 06/30/23 08:40
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Acetone	ND		0.0367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Acrylonitrile	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Benzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Bromobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Bromochloromethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Bromodichloromethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Bromoform	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Bromomethane	ND	*-	0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
2-Butanone (MEK)	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
2-Chlorotoluene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
n-Butylbenzene	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
sec-Butylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
tert-Butylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Carbon disulfide	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Carbon tetrachloride	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Chlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Chloroethane	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Chloroform	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Chloromethane	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
4-Chlorotoluene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Dibromochloromethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2-Dibromoethane (EDB)	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Dibromomethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2-Dichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,3-Dichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,4-Dichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1-Dichloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2-Dichloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1-Dichloroethene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
cis-1,2-Dichloroethene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
trans-1,2-Dichloroethene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2-Dichloropropane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,3-Dichloropropane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
2,2-Dichloropropane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1-Dichloropropene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
cis-1,3-Dichloropropene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
trans-1,3-Dichloropropene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Ethylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Hexachlorobutadiene	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
2-Hexanone (MBK)	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Isopropylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
4-Isopropyltoluene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Methyl tert-butyl ether	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Methylene Chloride	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Naphthalene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-5D (14)
Date Collected: 06/30/23 08:40
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-5
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Styrene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1,1,2-Tetrachloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1,2,2-Tetrachloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Tetrachloroethene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Toluene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2,3-Trichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2,4-Trichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,3,5-Trichlorobenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1,1-Trichloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,1,2-Trichloroethane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Trichloroethene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Trichlorofluoromethane (Freon 11)	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2,3-Trichloropropane	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,2,4-Trimethylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,3,5-Trimethylbenzene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Vinyl chloride	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
m,p-Xylene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
o-Xylene	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Tetrahydrofuran	ND		0.00734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Ethyl ether	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Tert-amyl methyl ether	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Ethyl tert-butyl ether	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
di-Isopropyl ether	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
tert-Butanol	ND		0.0734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,4-Dioxane	ND		0.0734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
trans-1,4-Dichloro-2-butene	ND		0.0183		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Ethanol	ND		0.734		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
1,3-Dichloropropene, Total	ND		0.00367		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1
Xylenes, Total	ND		0.0110		mg/Kg	☼	07/05/23 10:09	07/05/23 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/05/23 10:09*	*07/05/23 21:36*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/05/23 10:09*	*07/05/23 21:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*07/05/23 10:09*	*07/05/23 21:36*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/05/23 10:09*	*07/05/23 21:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**87.8**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-5S (12)
Lab Sample ID: 620-12533-6
Date Collected: 06/30/23 08:50
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 88.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Acetone	ND		0.0370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Acrylonitrile	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Benzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Bromobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Bromochloromethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Bromodichloromethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Bromoform	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Bromomethane	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
2-Butanone (MEK)	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
2-Chlorotoluene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
n-Butylbenzene	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
sec-Butylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
tert-Butylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Carbon disulfide	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Carbon tetrachloride	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Chlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Chloroethane	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Chloroform	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Chloromethane	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
4-Chlorotoluene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2-Dibromo-3-Chloropropane	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Dibromochloromethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2-Dibromoethane (EDB)	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Dibromomethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2-Dichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,3-Dichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,4-Dichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Dichlorodifluoromethane (Freon 12)	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1-Dichloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2-Dichloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1-Dichloroethene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
cis-1,2-Dichloroethene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
trans-1,2-Dichloroethene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2-Dichloropropane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,3-Dichloropropane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
2,2-Dichloropropane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1-Dichloropropene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
cis-1,3-Dichloropropene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
trans-1,3-Dichloropropene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Ethylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Hexachlorobutadiene	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
2-Hexanone (MBK)	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Isopropylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
4-Isopropyltoluene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Methyl tert-butyl ether	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
4-Methyl-2-pentanone (MIBK)	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Methylene Chloride	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Naphthalene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-5S (12)
Date Collected: 06/30/23 08:50
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-6
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Styrene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1,1,2-Tetrachloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1,2,2-Tetrachloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Tetrachloroethene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Toluene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2,3-Trichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2,4-Trichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,3,5-Trichlorobenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1,1-Trichloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,1,2-Trichloroethane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Trichloroethene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Trichlorofluoromethane (Freon 11)	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2,3-Trichloropropane	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,2,4-Trimethylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,3,5-Trimethylbenzene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Vinyl chloride	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
m,p-Xylene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
o-Xylene	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Tetrahydrofuran	ND		0.00739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Ethyl ether	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Tert-amyl methyl ether	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Ethyl tert-butyl ether	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
di-Isopropyl ether	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
tert-Butanol	ND		0.0739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,4-Dioxane	ND		0.0739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
trans-1,4-Dichloro-2-butene	ND		0.0185		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Ethanol	ND		0.739		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
1,3-Dichloropropene, Total	ND		0.00370		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1
Xylenes, Total	ND		0.0111		mg/Kg	☼	07/06/23 10:24	07/06/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:52*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:52*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/06/23 10:24*	*07/06/23 19:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**88.1**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-6D (13)
Lab Sample ID: 620-12533-7
Date Collected: 06/30/23 09:05
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Acetone	ND		0.0470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Acrylonitrile	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Benzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Bromobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Bromochloromethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Bromodichloromethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Bromoform	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Bromomethane	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
2-Butanone (MEK)	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
2-Chlorotoluene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
n-Butylbenzene	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
sec-Butylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
tert-Butylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Carbon disulfide	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Carbon tetrachloride	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Chlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Chloroethane	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Chloroform	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Chloromethane	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
4-Chlorotoluene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2-Dibromo-3-Chloropropane	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Dibromochloromethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2-Dibromoethane (EDB)	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Dibromomethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2-Dichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,3-Dichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,4-Dichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Dichlorodifluoromethane (Freon 12)	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1-Dichloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2-Dichloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1-Dichloroethene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
cis-1,2-Dichloroethene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
trans-1,2-Dichloroethene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2-Dichloropropane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,3-Dichloropropane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
2,2-Dichloropropane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1-Dichloropropene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
cis-1,3-Dichloropropene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
trans-1,3-Dichloropropene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Ethylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Hexachlorobutadiene	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
2-Hexanone (MBK)	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Isopropylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
4-Isopropyltoluene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Methyl tert-butyl ether	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Methylene Chloride	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Naphthalene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-6D (13)
Date Collected: 06/30/23 09:05
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-7
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Styrene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1,1,2-Tetrachloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1,2,2-Tetrachloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Tetrachloroethene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Toluene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2,3-Trichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2,4-Trichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,3,5-Trichlorobenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1,1-Trichloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,1,2-Trichloroethane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Trichloroethene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Trichlorofluoromethane (Freon 11)	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2,3-Trichloropropane	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,2,4-Trimethylbenzene	**0.00473**		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,3,5-Trimethylbenzene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Vinyl chloride	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
m,p-Xylene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
o-Xylene	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Tetrahydrofuran	ND		0.00940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Ethyl ether	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Tert-amyl methyl ether	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Ethyl tert-butyl ether	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
di-Isopropyl ether	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
tert-Butanol	ND		0.0940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,4-Dioxane	ND		0.0940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
trans-1,4-Dichloro-2-butene	ND		0.0235		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Ethanol	ND		0.940		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
1,3-Dichloropropene, Total	ND		0.00470		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1
Xylenes, Total	ND		0.0141		mg/Kg	☼	07/06/23 10:24	07/06/23 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/06/23 10:24*	*07/06/23 20:17*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/06/23 10:24*	*07/06/23 20:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*07/06/23 10:24*	*07/06/23 20:17*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/06/23 10:24*	*07/06/23 20:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.9**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**82.1**		0.1		%			07/05/23 11:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-6S (11)
Lab Sample ID: 620-12533-8
Date Collected: 06/30/23 09:15
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 90.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Acetone	ND		0.0444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Acrylonitrile	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Benzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Bromobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Bromochloromethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Bromodichloromethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Bromoform	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Bromomethane	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
2-Butanone (MEK)	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
2-Chlorotoluene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
n-Butylbenzene	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
sec-Butylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
tert-Butylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Carbon disulfide	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Carbon tetrachloride	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Chlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Chloroethane	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Chloroform	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Chloromethane	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
4-Chlorotoluene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2-Dibromo-3-Chloropropane	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Dibromochloromethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2-Dibromoethane (EDB)	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Dibromomethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2-Dichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,3-Dichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,4-Dichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1-Dichloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2-Dichloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1-Dichloroethene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
cis-1,2-Dichloroethene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
trans-1,2-Dichloroethene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2-Dichloropropane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,3-Dichloropropane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
2,2-Dichloropropane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1-Dichloropropene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
cis-1,3-Dichloropropene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
trans-1,3-Dichloropropene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Ethylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Hexachlorobutadiene	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
2-Hexanone (MBK)	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Isopropylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
4-Isopropyltoluene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Methyl tert-butyl ether	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Methylene Chloride	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Naphthalene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-6S (11)
Date Collected: 06/30/23 09:15
Date Received: 06/30/23 16:24

Lab Sample ID: 620-12533-8
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Styrene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1,1,2-Tetrachloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1,2,2-Tetrachloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Tetrachloroethene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Toluene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2,3-Trichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2,4-Trichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,3,5-Trichlorobenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1,1-Trichloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,1,2-Trichloroethane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Trichloroethene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Trichlorofluoromethane (Freon 11)	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2,3-Trichloropropane	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,2,4-Trimethylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,3,5-Trimethylbenzene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Vinyl chloride	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
m,p-Xylene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
o-Xylene	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Tetrahydrofuran	ND		0.00888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Ethyl ether	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Tert-amyl methyl ether	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Ethyl tert-butyl ether	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
di-Isopropyl ether	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
tert-Butanol	ND		0.0888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,4-Dioxane	ND		0.0888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
trans-1,4-Dichloro-2-butene	ND		0.0222		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Ethanol	ND		0.888		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
1,3-Dichloropropene, Total	ND		0.00444		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1
Xylenes, Total	ND		0.0133		mg/Kg	☼	07/10/23 09:13	07/10/23 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/10/23 09:13*	*07/10/23 13:11*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/10/23 09:13*	*07/10/23 13:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*07/10/23 09:13*	*07/10/23 13:11*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/10/23 09:13*	*07/10/23 13:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		0.1		%			07/05/23 11:15	1
Percent Solids (EPA Moisture)	**90.1**		0.1		%			07/05/23 11:15	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-12533-1	CS-3D (14)	96	93	97	95
620-12533-2	CS-3S (12)	97 *3	94 *3	121 *3	98 *3
620-12533-2 - RA	CS-3S (12)	95 *3	95 *3	121 *3	101 *3
620-12533-3	CS-4D (14)	95	95	100	98
620-12533-4	CS-4S (12)	94	94	102	96
620-12533-5	CS-5D (14)	93	94	99	96
620-12533-6	CS-5S (12)	95	93	102	97
620-12533-7	CS-6D (13)	95	95	109	99
620-12533-8	CS-6S (11)	95	93	103	99
LCS 620-24349/1-A	Lab Control Sample	96	94	95	97
LCS 620-24402/1-A	Lab Control Sample	95	95	100	98
LCS 620-24481/1-A	Lab Control Sample	97	96	108	99
LCSD 620-24349/2-A	Lab Control Sample Dup	96	94	95	97
LCSD 620-24402/2-A	Lab Control Sample Dup	96	95	99	97
LCSD 620-24481/2-A	Lab Control Sample Dup	97	96	108	100
MB 620-24349/3-A	Method Blank	96	93	98	97
MB 620-24402/3-A	Method Blank	95	93	100	96
MB 620-24481/3-A	Method Blank	97	94	106	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-24349/3-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24349

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Acetone	ND		0.0500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Acrylonitrile	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Benzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Bromobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Bromochloromethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Bromoform	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Bromomethane	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Carbon disulfide	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Chlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Chloroethane	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Chloroform	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Chloromethane	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Dibromomethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Ethylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Methylene Chloride	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24349/3-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24349

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Styrene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Toluene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Trichloroethene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Vinyl chloride	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
m,p-Xylene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
o-Xylene	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Ethyl ether	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
tert-Butanol	ND		0.100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,4-Dioxane	ND		0.100		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Ethanol	ND		1.00		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/05/23 10:09	07/05/23 13:02	1
Xylenes, Total	ND		0.0150		mg/Kg		07/05/23 10:09	07/05/23 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/05/23 10:09*	*07/05/23 13:02*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/05/23 10:09*	*07/05/23 13:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*07/05/23 10:09*	*07/05/23 13:02*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/05/23 10:09*	*07/05/23 13:02*	*1*

Lab Sample ID: LCS 620-24349/1-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24349

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.01646		mg/Kg		82	70 - 130		
Acetone			0.0200	0.01771	J	mg/Kg		89	70 - 130		
Acrylonitrile			0.0200	0.01723		mg/Kg		86	70 - 130		
Benzene			0.0200	0.01722		mg/Kg		86	70 - 130		
Bromobenzene			0.0200	0.01945		mg/Kg		97	70 - 130		

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24349/1-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01711		mg/Kg		86	70 - 130
Bromodichloromethane	0.0200	0.01660		mg/Kg		83	70 - 130
Bromoform	0.0200	0.01881		mg/Kg		94	70 - 130
Bromomethane	0.0200	0.01347	*-	mg/Kg		67	70 - 130
2-Butanone (MEK)	0.0200	0.01942		mg/Kg		97	70 - 130
2-Chlorotoluene	0.0200	0.01973		mg/Kg		99	70 - 130
n-Butylbenzene	0.0200	0.02077		mg/Kg		104	70 - 130
sec-Butylbenzene	0.0200	0.01956		mg/Kg		98	70 - 130
tert-Butylbenzene	0.0200	0.01753		mg/Kg		88	70 - 130
Carbon disulfide	0.0200	0.01669		mg/Kg		83	70 - 130
Carbon tetrachloride	0.0200	0.01676		mg/Kg		84	70 - 130
Chlorobenzene	0.0200	0.01895		mg/Kg		95	70 - 130
Chloroethane	0.0200	0.01460		mg/Kg		73	70 - 130
Chloroform	0.0200	0.01660		mg/Kg		83	70 - 130
Chloromethane	0.0200	0.01543		mg/Kg		77	70 - 130
4-Chlorotoluene	0.0200	0.01924		mg/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02173		mg/Kg		109	70 - 130
Dibromochloromethane	0.0200	0.01696		mg/Kg		85	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01742		mg/Kg		87	70 - 130
Dibromomethane	0.0200	0.01676		mg/Kg		84	70 - 130
1,2-Dichlorobenzene	0.0200	0.02120		mg/Kg		106	70 - 130
1,3-Dichlorobenzene	0.0200	0.01941		mg/Kg		97	70 - 130
1,4-Dichlorobenzene	0.0200	0.02038		mg/Kg		102	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01404		mg/Kg		70	70 - 130
1,1-Dichloroethane	0.0200	0.01684		mg/Kg		84	70 - 130
1,2-Dichloroethane	0.0200	0.01623		mg/Kg		81	70 - 130
1,1-Dichloroethene	0.0200	0.01667		mg/Kg		83	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01752		mg/Kg		88	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01742		mg/Kg		87	70 - 130
1,2-Dichloropropane	0.0200	0.01740		mg/Kg		87	70 - 130
1,3-Dichloropropane	0.0200	0.01738		mg/Kg		87	70 - 130
2,2-Dichloropropane	0.0200	0.01772		mg/Kg		89	70 - 130
1,1-Dichloropropene	0.0200	0.01730		mg/Kg		87	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01806		mg/Kg		90	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01724		mg/Kg		86	70 - 130
Ethylbenzene	0.0200	0.01892		mg/Kg		95	70 - 130
Hexachlorobutadiene	0.0200	0.02125		mg/Kg		106	70 - 130
2-Hexanone (MBK)	0.0200	0.01851		mg/Kg		93	70 - 130
Isopropylbenzene	0.0200	0.01996		mg/Kg		100	70 - 130
4-Isopropyltoluene	0.0200	0.02148		mg/Kg		107	70 - 130
Methyl tert-butyl ether	0.0200	0.01833		mg/Kg		92	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01811		mg/Kg		91	70 - 130
Methylene Chloride	0.0200	0.01700		mg/Kg		85	70 - 130
Naphthalene	0.0200	0.02372		mg/Kg		119	70 - 130
N-Propylbenzene	0.0200	0.01911		mg/Kg		96	70 - 130
Styrene	0.0200	0.01981		mg/Kg		99	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01917		mg/Kg		96	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01905		mg/Kg		95	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24349/1-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.01730		mg/Kg		87	70 - 130
Toluene	0.0200	0.01696		mg/Kg		85	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02238		mg/Kg		112	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02043		mg/Kg		102	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02113		mg/Kg		106	70 - 130
1,1,1-Trichloroethane	0.0200	0.01674		mg/Kg		84	70 - 130
1,1,2-Trichloroethane	0.0200	0.01683		mg/Kg		84	70 - 130
Trichloroethene	0.0200	0.01724		mg/Kg		86	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01610		mg/Kg		80	70 - 130
1,2,3-Trichloropropane	0.0200	0.01868		mg/Kg		93	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01946		mg/Kg		97	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01941		mg/Kg		97	70 - 130
Vinyl chloride	0.0200	0.01475		mg/Kg		74	70 - 130
m,p-Xylene	0.0200	0.01960		mg/Kg		98	70 - 130
o-Xylene	0.0200	0.02007		mg/Kg		100	70 - 130
Tetrahydrofuran	0.0200	0.01832		mg/Kg		92	70 - 130
Ethyl ether	0.0200	0.01660		mg/Kg		83	70 - 130
Tert-amyl methyl ether	0.0200	0.01855		mg/Kg		93	70 - 130
Ethyl tert-butyl ether	0.0200	0.01839		mg/Kg		92	70 - 130
di-Isopropyl ether	0.0200	0.01774		mg/Kg		89	70 - 130
tert-Butanol	0.200	0.1852		mg/Kg		93	70 - 130
1,4-Dioxane	0.200	0.2021		mg/Kg		101	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01632	J	mg/Kg		82	70 - 130
Ethanol	0.400	0.3568	J	mg/Kg		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 620-24349/2-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01614		mg/Kg		81	70 - 130	2	30
Acetone	0.0200	0.01729	J	mg/Kg		86	70 - 130	2	30
Acrylonitrile	0.0200	0.01756		mg/Kg		88	70 - 130	2	30
Benzene	0.0200	0.01697		mg/Kg		85	70 - 130	1	30
Bromobenzene	0.0200	0.01926		mg/Kg		96	70 - 130	1	30
Bromochloromethane	0.0200	0.01693		mg/Kg		85	70 - 130	1	30
Bromodichloromethane	0.0200	0.01663		mg/Kg		83	70 - 130	0	30
Bromoform	0.0200	0.01907		mg/Kg		95	70 - 130	1	30
Bromomethane	0.0200	0.01342	*-	mg/Kg		67	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.01809		mg/Kg		90	70 - 130	7	30
2-Chlorotoluene	0.0200	0.01956		mg/Kg		98	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24349/2-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01974		mg/Kg		99	70 - 130	5	30
sec-Butylbenzene	0.0200	0.01884		mg/Kg		94	70 - 130	4	30
tert-Butylbenzene	0.0200	0.01734		mg/Kg		87	70 - 130	1	30
Carbon disulfide	0.0200	0.01637		mg/Kg		82	70 - 130	2	30
Carbon tetrachloride	0.0200	0.01661		mg/Kg		83	70 - 130	1	30
Chlorobenzene	0.0200	0.01864		mg/Kg		93	70 - 130	2	30
Chloroethane	0.0200	0.01453		mg/Kg		73	70 - 130	0	30
Chloroform	0.0200	0.01649		mg/Kg		82	70 - 130	1	30
Chloromethane	0.0200	0.01520		mg/Kg		76	70 - 130	2	30
4-Chlorotoluene	0.0200	0.01870		mg/Kg		94	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02266		mg/Kg		113	70 - 130	4	30
Dibromochloromethane	0.0200	0.01665		mg/Kg		83	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.01746		mg/Kg		87	70 - 130	0	30
Dibromomethane	0.0200	0.01663		mg/Kg		83	70 - 130	1	30
1,2-Dichlorobenzene	0.0200	0.02087		mg/Kg		104	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.01909		mg/Kg		95	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01994		mg/Kg		100	70 - 130	2	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01380	*-	mg/Kg		69	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.01668		mg/Kg		83	70 - 130	1	30
1,2-Dichloroethane	0.0200	0.01620		mg/Kg		81	70 - 130	0	30
1,1-Dichloroethene	0.0200	0.01652		mg/Kg		83	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.01728		mg/Kg		86	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01680		mg/Kg		84	70 - 130	4	30
1,2-Dichloropropane	0.0200	0.01715		mg/Kg		86	70 - 130	1	30
1,3-Dichloropropane	0.0200	0.01739		mg/Kg		87	70 - 130	0	30
2,2-Dichloropropane	0.0200	0.01739		mg/Kg		87	70 - 130	2	30
1,1-Dichloropropene	0.0200	0.01704		mg/Kg		85	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01778		mg/Kg		89	70 - 130	2	30
trans-1,3-Dichloropropene	0.0200	0.01707		mg/Kg		85	70 - 130	1	30
Ethylbenzene	0.0200	0.01857		mg/Kg		93	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.02059		mg/Kg		103	70 - 130	3	30
2-Hexanone (MBK)	0.0200	0.01817		mg/Kg		91	70 - 130	2	30
Isopropylbenzene	0.0200	0.01955		mg/Kg		98	70 - 130	2	30
4-Isopropyltoluene	0.0200	0.02070		mg/Kg		104	70 - 130	4	30
Methyl tert-butyl ether	0.0200	0.01822		mg/Kg		91	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01784		mg/Kg		89	70 - 130	2	30
Methylene Chloride	0.0200	0.01677		mg/Kg		84	70 - 130	1	30
Naphthalene	0.0200	0.02454		mg/Kg		123	70 - 130	3	30
N-Propylbenzene	0.0200	0.01868		mg/Kg		93	70 - 130	2	30
Styrene	0.0200	0.01964		mg/Kg		98	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.01905		mg/Kg		95	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.01924		mg/Kg		96	70 - 130	1	30
Tetrachloroethene	0.0200	0.01685		mg/Kg		84	70 - 130	3	30
Toluene	0.0200	0.01673		mg/Kg		84	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02296		mg/Kg		115	70 - 130	3	30
1,2,4-Trichlorobenzene	0.0200	0.02042		mg/Kg		102	70 - 130	0	30
1,3,5-Trichlorobenzene	0.0200	0.02064		mg/Kg		103	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.01655		mg/Kg		83	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24349/2-A
Matrix: Solid
Analysis Batch: 24350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24349

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01686		mg/Kg		84	70 - 130	0	30
Trichloroethene			0.0200	0.01687		mg/Kg		84	70 - 130	2	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01583		mg/Kg		79	70 - 130	2	30
1,2,3-Trichloropropane			0.0200	0.01898		mg/Kg		95	70 - 130	2	30
1,2,4-Trimethylbenzene			0.0200	0.01913		mg/Kg		96	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01894		mg/Kg		95	70 - 130	2	30
Vinyl chloride			0.0200	0.01497		mg/Kg		75	70 - 130	1	30
m,p-Xylene			0.0200	0.01893		mg/Kg		95	70 - 130	4	30
o-Xylene			0.0200	0.01968		mg/Kg		98	70 - 130	2	30
Tetrahydrofuran			0.0200	0.01851		mg/Kg		93	70 - 130	1	30
Ethyl ether			0.0200	0.01667		mg/Kg		83	70 - 130	0	30
Tert-amyl methyl ether			0.0200	0.01842		mg/Kg		92	70 - 130	1	30
Ethyl tert-butyl ether			0.0200	0.01849		mg/Kg		92	70 - 130	1	30
di-Isopropyl ether			0.0200	0.01771		mg/Kg		89	70 - 130	0	30
tert-Butanol			0.200	0.1906		mg/Kg		95	70 - 130	3	30
1,4-Dioxane			0.200	0.2040		mg/Kg		102	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.01651	J	mg/Kg		83	70 - 130	1	30
Ethanol			0.400	0.3445	J	mg/Kg		86	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 620-24402/3-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24402

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Acetone	ND		0.0500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Acrylonitrile	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Benzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Bromobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Bromochloromethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Bromoform	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Bromomethane	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Carbon disulfide	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Chlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24402/3-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24402

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Chloroform	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Chloromethane	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Dibromomethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Ethylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Methylene Chloride	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Naphthalene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Styrene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Toluene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Trichloroethene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Vinyl chloride	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24402/3-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24402

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
o-Xylene	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Ethyl ether	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
tert-Butanol	ND		0.100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,4-Dioxane	ND		0.100		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Ethanol	ND		1.00		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/06/23 10:24	07/06/23 13:53	1
Xylenes, Total	ND		0.0150		mg/Kg		07/06/23 10:24	07/06/23 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/06/23 10:24*	*07/06/23 13:53*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/06/23 10:24*	*07/06/23 13:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/06/23 10:24*	*07/06/23 13:53*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/06/23 10:24*	*07/06/23 13:53*	*1*

Lab Sample ID: LCS 620-24402/1-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01784		mg/Kg		89	70 - 130
Acetone	0.0200	0.01776	J	mg/Kg		89	70 - 130
Acrylonitrile	0.0200	0.01669		mg/Kg		83	70 - 130
Benzene	0.0200	0.01767		mg/Kg		88	70 - 130
Bromobenzene	0.0200	0.01911		mg/Kg		96	70 - 130
Bromochloromethane	0.0200	0.01741		mg/Kg		87	70 - 130
Bromodichloromethane	0.0200	0.01684		mg/Kg		84	70 - 130
Bromoform	0.0200	0.01768		mg/Kg		88	70 - 130
Bromomethane	0.0200	0.01522		mg/Kg		76	70 - 130
2-Butanone (MEK)	0.0200	0.01876		mg/Kg		94	70 - 130
2-Chlorotoluene	0.0200	0.01907		mg/Kg		95	70 - 130
n-Butylbenzene	0.0200	0.02163		mg/Kg		108	70 - 130
sec-Butylbenzene	0.0200	0.02023		mg/Kg		101	70 - 130
tert-Butylbenzene	0.0200	0.01801		mg/Kg		90	70 - 130
Carbon disulfide	0.0200	0.01716		mg/Kg		86	70 - 130
Carbon tetrachloride	0.0200	0.01709		mg/Kg		85	70 - 130
Chlorobenzene	0.0200	0.01961		mg/Kg		98	70 - 130
Chloroethane	0.0200	0.01574		mg/Kg		79	70 - 130
Chloroform	0.0200	0.01722		mg/Kg		86	70 - 130
Chloromethane	0.0200	0.01628		mg/Kg		81	70 - 130
4-Chlorotoluene	0.0200	0.02020		mg/Kg		101	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01905		mg/Kg		95	70 - 130
Dibromochloromethane	0.0200	0.01654		mg/Kg		83	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24402/1-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01739		mg/Kg		87	70 - 130
Dibromomethane	0.0200	0.01725		mg/Kg		86	70 - 130
1,2-Dichlorobenzene	0.0200	0.02122		mg/Kg		106	70 - 130
1,3-Dichlorobenzene	0.0200	0.01963		mg/Kg		98	70 - 130
1,4-Dichlorobenzene	0.0200	0.02132		mg/Kg		107	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01557		mg/Kg		78	70 - 130
1,1-Dichloroethane	0.0200	0.01757		mg/Kg		88	70 - 130
1,2-Dichloroethane	0.0200	0.01729		mg/Kg		86	70 - 130
1,1-Dichloroethene	0.0200	0.01739		mg/Kg		87	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01757		mg/Kg		88	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01779		mg/Kg		89	70 - 130
1,2-Dichloropropane	0.0200	0.01771		mg/Kg		89	70 - 130
1,3-Dichloropropane	0.0200	0.01761		mg/Kg		88	70 - 130
2,2-Dichloropropane	0.0200	0.01773		mg/Kg		89	70 - 130
1,1-Dichloropropene	0.0200	0.01790		mg/Kg		89	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01772		mg/Kg		89	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01735		mg/Kg		87	70 - 130
Ethylbenzene	0.0200	0.01950		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.02058		mg/Kg		103	70 - 130
2-Hexanone (MBK)	0.0200	0.01775		mg/Kg		89	70 - 130
Isopropylbenzene	0.0200	0.02023		mg/Kg		101	70 - 130
4-Isopropyltoluene	0.0200	0.02209		mg/Kg		110	70 - 130
Methyl tert-butyl ether	0.0200	0.01821		mg/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01793		mg/Kg		90	70 - 130
Methylene Chloride	0.0200	0.01968		mg/Kg		98	70 - 130
Naphthalene	0.0200	0.02161		mg/Kg		108	70 - 130
N-Propylbenzene	0.0200	0.01986		mg/Kg		99	70 - 130
Styrene	0.0200	0.01962		mg/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01881		mg/Kg		94	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01911		mg/Kg		96	70 - 130
Tetrachloroethene	0.0200	0.01735		mg/Kg		87	70 - 130
Toluene	0.0200	0.01772		mg/Kg		89	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02173		mg/Kg		109	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02013		mg/Kg		101	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02141		mg/Kg		107	70 - 130
1,1,1-Trichloroethane	0.0200	0.01750		mg/Kg		88	70 - 130
1,1,2-Trichloroethane	0.0200	0.01749		mg/Kg		87	70 - 130
Trichloroethene	0.0200	0.01766		mg/Kg		88	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01770		mg/Kg		88	70 - 130
1,2,3-Trichloropropane	0.0200	0.01980		mg/Kg		99	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02007		mg/Kg		100	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01992		mg/Kg		100	70 - 130
Vinyl chloride	0.0200	0.01664		mg/Kg		83	70 - 130
m,p-Xylene	0.0200	0.01997		mg/Kg		100	70 - 130
o-Xylene	0.0200	0.02007		mg/Kg		100	70 - 130
Tetrahydrofuran	0.0200	0.01727		mg/Kg		86	70 - 130
Ethyl ether	0.0200	0.01772		mg/Kg		89	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24402/1-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24402

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tert-amyl methyl ether			0.0200	0.01809		mg/Kg		90	70 - 130		
Ethyl tert-butyl ether			0.0200	0.01843		mg/Kg		92	70 - 130		
di-Isopropyl ether			0.0200	0.01832		mg/Kg		92	70 - 130		
tert-Butanol			0.200	0.1743		mg/Kg		87	70 - 130		
1,4-Dioxane			0.200	0.1912		mg/Kg		96	70 - 130		
trans-1,4-Dichloro-2-butene			0.0200	0.01644	J	mg/Kg		82	70 - 130		
Ethanol			0.400	0.3340	J	mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 620-24402/2-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.01682		mg/Kg		84	70 - 130	6	30
Acetone			0.0200	0.01726	J	mg/Kg		86	70 - 130	3	30
Acrylonitrile			0.0200	0.01706		mg/Kg		85	70 - 130	2	30
Benzene			0.0200	0.01697		mg/Kg		85	70 - 130	4	30
Bromobenzene			0.0200	0.01862		mg/Kg		93	70 - 130	3	30
Bromochloromethane			0.0200	0.01673		mg/Kg		84	70 - 130	4	30
Bromodichloromethane			0.0200	0.01629		mg/Kg		81	70 - 130	3	30
Bromoform			0.0200	0.01788		mg/Kg		89	70 - 130	1	30
Bromomethane			0.0200	0.01461		mg/Kg		73	70 - 130	4	30
2-Butanone (MEK)			0.0200	0.01831		mg/Kg		92	70 - 130	2	30
2-Chlorotoluene			0.0200	0.01865		mg/Kg		93	70 - 130	2	30
n-Butylbenzene			0.0200	0.02137		mg/Kg		107	70 - 130	1	30
sec-Butylbenzene			0.0200	0.02008		mg/Kg		100	70 - 130	1	30
tert-Butylbenzene			0.0200	0.01735		mg/Kg		87	70 - 130	4	30
Carbon disulfide			0.0200	0.01635		mg/Kg		82	70 - 130	5	30
Carbon tetrachloride			0.0200	0.01616		mg/Kg		81	70 - 130	6	30
Chlorobenzene			0.0200	0.01913		mg/Kg		96	70 - 130	2	30
Chloroethane			0.0200	0.01577		mg/Kg		79	70 - 130	0	30
Chloroform			0.0200	0.01648		mg/Kg		82	70 - 130	4	30
Chloromethane			0.0200	0.01544		mg/Kg		77	70 - 130	5	30
4-Chlorotoluene			0.0200	0.01959		mg/Kg		98	70 - 130	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.01919		mg/Kg		96	70 - 130	1	30
Dibromochloromethane			0.0200	0.01601		mg/Kg		80	70 - 130	3	30
1,2-Dibromoethane (EDB)			0.0200	0.01703		mg/Kg		85	70 - 130	2	30
Dibromomethane			0.0200	0.01668		mg/Kg		83	70 - 130	3	30
1,2-Dichlorobenzene			0.0200	0.02090		mg/Kg		104	70 - 130	2	30
1,3-Dichlorobenzene			0.0200	0.01949		mg/Kg		97	70 - 130	1	30
1,4-Dichlorobenzene			0.0200	0.02066		mg/Kg		103	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24402/2-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.01465		mg/Kg		73	70 - 130	6	30
1,1-Dichloroethane	0.0200	0.01658		mg/Kg		83	70 - 130	6	30
1,2-Dichloroethane	0.0200	0.01651		mg/Kg		83	70 - 130	5	30
1,1-Dichloroethene	0.0200	0.01671		mg/Kg		84	70 - 130	4	30
cis-1,2-Dichloroethene	0.0200	0.01688		mg/Kg		84	70 - 130	4	30
trans-1,2-Dichloroethene	0.0200	0.01684		mg/Kg		84	70 - 130	5	30
1,2-Dichloropropane	0.0200	0.01696		mg/Kg		85	70 - 130	4	30
1,3-Dichloropropane	0.0200	0.01719		mg/Kg		86	70 - 130	2	30
2,2-Dichloropropane	0.0200	0.01706		mg/Kg		85	70 - 130	4	30
1,1-Dichloropropene	0.0200	0.01701		mg/Kg		85	70 - 130	5	30
cis-1,3-Dichloropropene	0.0200	0.01715		mg/Kg		86	70 - 130	3	30
trans-1,3-Dichloropropene	0.0200	0.01690		mg/Kg		84	70 - 130	3	30
Ethylbenzene	0.0200	0.01919		mg/Kg		96	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.02080		mg/Kg		104	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01746		mg/Kg		87	70 - 130	2	30
Isopropylbenzene	0.0200	0.01965		mg/Kg		98	70 - 130	3	30
4-Isopropyltoluene	0.0200	0.02152		mg/Kg		108	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.01763		mg/Kg		88	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01738		mg/Kg		87	70 - 130	3	30
Methylene Chloride	0.0200	0.01832		mg/Kg		92	70 - 130	7	30
Naphthalene	0.0200	0.02264		mg/Kg		113	70 - 130	5	30
N-Propylbenzene	0.0200	0.01955		mg/Kg		98	70 - 130	2	30
Styrene	0.0200	0.01891		mg/Kg		95	70 - 130	4	30
1,1,1,2-Tetrachloroethane	0.0200	0.01869		mg/Kg		93	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.01914		mg/Kg		96	70 - 130	0	30
Tetrachloroethene	0.0200	0.01690		mg/Kg		85	70 - 130	3	30
Toluene	0.0200	0.01697		mg/Kg		85	70 - 130	4	30
1,2,3-Trichlorobenzene	0.0200	0.02247		mg/Kg		112	70 - 130	3	30
1,2,4-Trichlorobenzene	0.0200	0.02037		mg/Kg		102	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.02145		mg/Kg		107	70 - 130	0	30
1,1,1-Trichloroethane	0.0200	0.01665		mg/Kg		83	70 - 130	5	30
1,1,2-Trichloroethane	0.0200	0.01675		mg/Kg		84	70 - 130	4	30
Trichloroethene	0.0200	0.01680		mg/Kg		84	70 - 130	5	30
Trichlorofluoromethane (Freon 11)	0.0200	0.01657		mg/Kg		83	70 - 130	7	30
1,2,3-Trichloropropane	0.0200	0.01997		mg/Kg		100	70 - 130	1	30
1,2,4-Trimethylbenzene	0.0200	0.01972		mg/Kg		99	70 - 130	2	30
1,3,5-Trimethylbenzene	0.0200	0.01959		mg/Kg		98	70 - 130	2	30
Vinyl chloride	0.0200	0.01584		mg/Kg		79	70 - 130	5	30
m,p-Xylene	0.0200	0.01930		mg/Kg		97	70 - 130	3	30
o-Xylene	0.0200	0.01949		mg/Kg		97	70 - 130	3	30
Tetrahydrofuran	0.0200	0.01862		mg/Kg		93	70 - 130	8	30
Ethyl ether	0.0200	0.01696		mg/Kg		85	70 - 130	4	30
Tert-amyl methyl ether	0.0200	0.01769		mg/Kg		88	70 - 130	2	30
Ethyl tert-butyl ether	0.0200	0.01760		mg/Kg		88	70 - 130	5	30
di-Isopropyl ether	0.0200	0.01751		mg/Kg		88	70 - 130	5	30
tert-Butanol	0.200	0.1763		mg/Kg		88	70 - 130	1	30
1,4-Dioxane	0.200	0.1981		mg/Kg		99	70 - 130	4	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24402/2-A
Matrix: Solid
Analysis Batch: 24403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01604	J	mg/Kg		80	70 - 130	2	30
Ethanol			0.400	0.3468	J	mg/Kg		87	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 620-24481/3-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24481

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Acetone	ND		0.0500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Acrylonitrile	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Benzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Bromobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Bromochloromethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Bromoform	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Bromomethane	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Carbon disulfide	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Chlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Chloroethane	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Chloroform	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Chloromethane	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Dibromomethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12533-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24481/3-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24481

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Ethylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Methylene Chloride	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Naphthalene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Styrene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Toluene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Trichloroethene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Vinyl chloride	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
m,p-Xylene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
o-Xylene	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Ethyl ether	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
tert-Butanol	ND		0.100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,4-Dioxane	ND		0.100		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Ethanol	ND		1.00		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/10/23 09:13	07/10/23 12:16	1
Xylenes, Total	ND		0.0150		mg/Kg		07/10/23 09:13	07/10/23 12:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/10/23 09:13*	*07/10/23 12:16*	*1*

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24481/3-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24481

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/10/23 09:13*	*07/10/23 12:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*07/10/23 09:13*	*07/10/23 12:16*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/10/23 09:13*	*07/10/23 12:16*	*1*

Lab Sample ID: LCS 620-24481/1-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01915		mg/Kg		96	70 - 130
Acetone	0.0200	0.01882	J	mg/Kg		94	70 - 130
Acrylonitrile	0.0200	0.01746		mg/Kg		87	70 - 130
Benzene	0.0200	0.01864		mg/Kg		93	70 - 130
Bromobenzene	0.0200	0.01940		mg/Kg		97	70 - 130
Bromochloromethane	0.0200	0.01774		mg/Kg		89	70 - 130
Bromodichloromethane	0.0200	0.01811		mg/Kg		91	70 - 130
Bromoform	0.0200	0.01817		mg/Kg		91	70 - 130
Bromomethane	0.0200	0.02082		mg/Kg		104	70 - 130
2-Butanone (MEK)	0.0200	0.01926		mg/Kg		96	70 - 130
2-Chlorotoluene	0.0200	0.01956		mg/Kg		98	70 - 130
n-Butylbenzene	0.0200	0.02199		mg/Kg		110	70 - 130
sec-Butylbenzene	0.0200	0.02069		mg/Kg		103	70 - 130
tert-Butylbenzene	0.0200	0.01794		mg/Kg		90	70 - 130
Carbon disulfide	0.0200	0.01989		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.01814		mg/Kg		91	70 - 130
Chlorobenzene	0.0200	0.02027		mg/Kg		101	70 - 130
Chloroethane	0.0200	0.01981		mg/Kg		99	70 - 130
Chloroform	0.0200	0.01891		mg/Kg		95	70 - 130
Chloromethane	0.0200	0.02349		mg/Kg		117	70 - 130
4-Chlorotoluene	0.0200	0.02080		mg/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01845		mg/Kg		92	70 - 130
Dibromochloromethane	0.0200	0.01713		mg/Kg		86	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01807		mg/Kg		90	70 - 130
Dibromomethane	0.0200	0.01812		mg/Kg		91	70 - 130
1,2-Dichlorobenzene	0.0200	0.02118		mg/Kg		106	70 - 130
1,3-Dichlorobenzene	0.0200	0.01993		mg/Kg		100	70 - 130
1,4-Dichlorobenzene	0.0200	0.02147		mg/Kg		107	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03132	*+	mg/Kg		157	70 - 130
1,1-Dichloroethane	0.0200	0.01919		mg/Kg		96	70 - 130
1,2-Dichloroethane	0.0200	0.01895		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0200	0.01852		mg/Kg		93	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01781		mg/Kg		89	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01822		mg/Kg		91	70 - 130
1,2-Dichloropropane	0.0200	0.01863		mg/Kg		93	70 - 130
1,3-Dichloropropane	0.0200	0.01856		mg/Kg		93	70 - 130
2,2-Dichloropropane	0.0200	0.01890		mg/Kg		95	70 - 130
1,1-Dichloropropene	0.0200	0.01827		mg/Kg		91	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24481/1-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	0.0200	0.01758		mg/Kg		88	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01817		mg/Kg		91	70 - 130
Ethylbenzene	0.0200	0.02046		mg/Kg		102	70 - 130
Hexachlorobutadiene	0.0200	0.02038		mg/Kg		102	70 - 130
2-Hexanone (MBK)	0.0200	0.01556		mg/Kg		78	70 - 130
Isopropylbenzene	0.0200	0.02035		mg/Kg		102	70 - 130
4-Isopropyltoluene	0.0200	0.02176		mg/Kg		109	70 - 130
Methyl tert-butyl ether	0.0200	0.01823		mg/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01744		mg/Kg		87	70 - 130
Methylene Chloride	0.0200	0.01865		mg/Kg		93	70 - 130
Naphthalene	0.0200	0.01979		mg/Kg		99	70 - 130
N-Propylbenzene	0.0200	0.02103		mg/Kg		105	70 - 130
Styrene	0.0200	0.02006		mg/Kg		100	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01997		mg/Kg		100	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.02113		mg/Kg		106	70 - 130
Tetrachloroethene	0.0200	0.01710		mg/Kg		86	70 - 130
Toluene	0.0200	0.01837		mg/Kg		92	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02048		mg/Kg		102	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01891		mg/Kg		95	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02061		mg/Kg		103	70 - 130
1,1,1-Trichloroethane	0.0200	0.01857		mg/Kg		93	70 - 130
1,1,2-Trichloroethane	0.0200	0.01870		mg/Kg		93	70 - 130
Trichloroethene	0.0200	0.01884		mg/Kg		94	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01941		mg/Kg		97	70 - 130
1,2,3-Trichloropropane	0.0200	0.02107		mg/Kg		105	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02064		mg/Kg		103	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02061		mg/Kg		103	70 - 130
Vinyl chloride	0.0200	0.02149		mg/Kg		107	70 - 130
m,p-Xylene	0.0200	0.02026		mg/Kg		101	70 - 130
o-Xylene	0.0200	0.01984		mg/Kg		99	70 - 130
Tetrahydrofuran	0.0200	0.01684		mg/Kg		84	70 - 130
Ethyl ether	0.0200	0.01887		mg/Kg		94	70 - 130
Tert-amyl methyl ether	0.0200	0.01811		mg/Kg		91	70 - 130
Ethyl tert-butyl ether	0.0200	0.01829		mg/Kg		91	70 - 130
di-Isopropyl ether	0.0200	0.01837		mg/Kg		92	70 - 130
tert-Butanol	0.200	0.1706		mg/Kg		85	70 - 130
1,4-Dioxane	0.200	0.1649		mg/Kg		82	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01746	J	mg/Kg		87	70 - 130
Ethanol	0.400	0.3185	J	mg/Kg		80	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24481/2-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24481

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01865		mg/Kg		93	70 - 130	3	30
Acetone	0.0200	0.01902	J	mg/Kg		95	70 - 130	1	30
Acrylonitrile	0.0200	0.01869		mg/Kg		93	70 - 130	7	30
Benzene	0.0200	0.01891		mg/Kg		95	70 - 130	1	30
Bromobenzene	0.0200	0.01993		mg/Kg		100	70 - 130	3	30
Bromochloromethane	0.0200	0.01869		mg/Kg		93	70 - 130	5	30
Bromodichloromethane	0.0200	0.01884		mg/Kg		94	70 - 130	4	30
Bromoform	0.0200	0.01884		mg/Kg		94	70 - 130	4	30
Bromomethane	0.0200	0.02047		mg/Kg		102	70 - 130	2	30
2-Butanone (MEK)	0.0200	0.01896		mg/Kg		95	70 - 130	2	30
2-Chlorotoluene	0.0200	0.01991		mg/Kg		100	70 - 130	2	30
n-Butylbenzene	0.0200	0.02143		mg/Kg		107	70 - 130	3	30
sec-Butylbenzene	0.0200	0.02062		mg/Kg		103	70 - 130	0	30
tert-Butylbenzene	0.0200	0.01806		mg/Kg		90	70 - 130	1	30
Carbon disulfide	0.0200	0.01962		mg/Kg		98	70 - 130	1	30
Carbon tetrachloride	0.0200	0.01822		mg/Kg		91	70 - 130	0	30
Chlorobenzene	0.0200	0.02063		mg/Kg		103	70 - 130	2	30
Chloroethane	0.0200	0.01966		mg/Kg		98	70 - 130	1	30
Chloroform	0.0200	0.01919		mg/Kg		96	70 - 130	2	30
Chloromethane	0.0200	0.02371		mg/Kg		119	70 - 130	1	30
4-Chlorotoluene	0.0200	0.02088		mg/Kg		104	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01965		mg/Kg		98	70 - 130	6	30
Dibromochloromethane	0.0200	0.01798		mg/Kg		90	70 - 130	5	30
1,2-Dibromoethane (EDB)	0.0200	0.01858		mg/Kg		93	70 - 130	3	30
Dibromomethane	0.0200	0.01866		mg/Kg		93	70 - 130	3	30
1,2-Dichlorobenzene	0.0200	0.02163		mg/Kg		108	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.02028		mg/Kg		101	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.02200		mg/Kg		110	70 - 130	2	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03008	*+	mg/Kg		150	70 - 130	4	30
1,1-Dichloroethane	0.0200	0.01962		mg/Kg		98	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01948		mg/Kg		97	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.01844		mg/Kg		92	70 - 130	0	30
cis-1,2-Dichloroethene	0.0200	0.01846		mg/Kg		92	70 - 130	4	30
trans-1,2-Dichloroethene	0.0200	0.01832		mg/Kg		92	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.01918		mg/Kg		96	70 - 130	3	30
1,3-Dichloropropane	0.0200	0.01919		mg/Kg		96	70 - 130	3	30
2,2-Dichloropropane	0.0200	0.01901		mg/Kg		95	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01852		mg/Kg		93	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.01836		mg/Kg		92	70 - 130	4	30
trans-1,3-Dichloropropene	0.0200	0.01872		mg/Kg		94	70 - 130	3	30
Ethylbenzene	0.0200	0.02054		mg/Kg		103	70 - 130	0	30
Hexachlorobutadiene	0.0200	0.02004		mg/Kg		100	70 - 130	2	30
2-Hexanone (MBK)	0.0200	0.01612		mg/Kg		81	70 - 130	4	30
Isopropylbenzene	0.0200	0.02054		mg/Kg		103	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.02168		mg/Kg		108	70 - 130	0	30
Methyl tert-butyl ether	0.0200	0.01932		mg/Kg		97	70 - 130	6	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01790		mg/Kg		90	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24481/2-A
Matrix: Solid
Analysis Batch: 24482

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			0.0200	0.02050		mg/Kg		102	70 - 130	9	30
Naphthalene			0.0200	0.02102		mg/Kg		105	70 - 130	6	30
N-Propylbenzene			0.0200	0.02074		mg/Kg		104	70 - 130	1	30
Styrene			0.0200	0.02055		mg/Kg		103	70 - 130	2	30
1,1,1,2-Tetrachloroethane			0.0200	0.02056		mg/Kg		103	70 - 130	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.02146		mg/Kg		107	70 - 130	2	30
Tetrachloroethene			0.0200	0.01681		mg/Kg		84	70 - 130	2	30
Toluene			0.0200	0.01847		mg/Kg		92	70 - 130	1	30
1,2,3-Trichlorobenzene			0.0200	0.02102		mg/Kg		105	70 - 130	3	30
1,2,4-Trichlorobenzene			0.0200	0.01934		mg/Kg		97	70 - 130	2	30
1,3,5-Trichlorobenzene			0.0200	0.02047		mg/Kg		102	70 - 130	1	30
1,1,1-Trichloroethane			0.0200	0.01909		mg/Kg		95	70 - 130	3	30
1,1,2-Trichloroethane			0.0200	0.01922		mg/Kg		96	70 - 130	3	30
Trichloroethene			0.0200	0.01874		mg/Kg		94	70 - 130	0	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01988		mg/Kg		99	70 - 130	2	30
1,2,3-Trichloropropane			0.0200	0.02144		mg/Kg		107	70 - 130	2	30
1,2,4-Trimethylbenzene			0.0200	0.02087		mg/Kg		104	70 - 130	1	30
1,3,5-Trimethylbenzene			0.0200	0.02064		mg/Kg		103	70 - 130	0	30
Vinyl chloride			0.0200	0.02137		mg/Kg		107	70 - 130	1	30
m,p-Xylene			0.0200	0.02049		mg/Kg		102	70 - 130	1	30
o-Xylene			0.0200	0.02054		mg/Kg		103	70 - 130	3	30
Tetrahydrofuran			0.0200	0.01887		mg/Kg		94	70 - 130	11	30
Ethyl ether			0.0200	0.01940		mg/Kg		97	70 - 130	3	30
Tert-amyl methyl ether			0.0200	0.01921		mg/Kg		96	70 - 130	6	30
Ethyl tert-butyl ether			0.0200	0.01938		mg/Kg		97	70 - 130	6	30
di-Isopropyl ether			0.0200	0.01957		mg/Kg		98	70 - 130	6	30
tert-Butanol			0.200	0.1680		mg/Kg		84	70 - 130	2	30
1,4-Dioxane			0.200	0.1638		mg/Kg		82	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.01822	J	mg/Kg		91	70 - 130	4	30
Ethanol			0.400	0.3663	J	mg/Kg		92	70 - 130	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 24276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-1	CS-3D (14)	Total/NA	Solid	Frozen Preserve	
620-12533-2	CS-3S (12)	Total/NA	Solid	Frozen Preserve	
620-12533-2 - RA	CS-3S (12)	Total/NA	Solid	Frozen Preserve	
620-12533-3	CS-4D (14)	Total/NA	Solid	Frozen Preserve	
620-12533-4	CS-4S (12)	Total/NA	Solid	Frozen Preserve	
620-12533-5	CS-5D (14)	Total/NA	Solid	Frozen Preserve	
620-12533-6	CS-5S (12)	Total/NA	Solid	Frozen Preserve	
620-12533-7	CS-6D (13)	Total/NA	Solid	Frozen Preserve	
620-12533-8	CS-6S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 24349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-1	CS-3D (14)	Total/NA	Solid	5035	24276
620-12533-2	CS-3S (12)	Total/NA	Solid	5035	24276
620-12533-3	CS-4D (14)	Total/NA	Solid	5035	24276
620-12533-5	CS-5D (14)	Total/NA	Solid	5035	24276
MB 620-24349/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24349/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24349/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-1	CS-3D (14)	Total/NA	Solid	8260C	24349
620-12533-2	CS-3S (12)	Total/NA	Solid	8260C	24349
620-12533-3	CS-4D (14)	Total/NA	Solid	8260C	24349
620-12533-5	CS-5D (14)	Total/NA	Solid	8260C	24349
MB 620-24349/3-A	Method Blank	Total/NA	Solid	8260C	24349
LCS 620-24349/1-A	Lab Control Sample	Total/NA	Solid	8260C	24349
LCSD 620-24349/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24349

Prep Batch: 24402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-2 - RA	CS-3S (12)	Total/NA	Solid	5035	24276
620-12533-4	CS-4S (12)	Total/NA	Solid	5035	24276
620-12533-6	CS-5S (12)	Total/NA	Solid	5035	24276
620-12533-7	CS-6D (13)	Total/NA	Solid	5035	24276
MB 620-24402/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24402/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24402/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-2 - RA	CS-3S (12)	Total/NA	Solid	8260C	24402
620-12533-4	CS-4S (12)	Total/NA	Solid	8260C	24402

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA (Continued)

Analysis Batch: 24403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-6	CS-5S (12)	Total/NA	Solid	8260C	24402
620-12533-7	CS-6D (13)	Total/NA	Solid	8260C	24402
MB 620-24402/3-A	Method Blank	Total/NA	Solid	8260C	24402
LCS 620-24402/1-A	Lab Control Sample	Total/NA	Solid	8260C	24402
LCSD 620-24402/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24402

Prep Batch: 24481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-8	CS-6S (11)	Total/NA	Solid	5035	24276
MB 620-24481/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24481/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24481/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-8	CS-6S (11)	Total/NA	Solid	8260C	24481
MB 620-24481/3-A	Method Blank	Total/NA	Solid	8260C	24481
LCS 620-24481/1-A	Lab Control Sample	Total/NA	Solid	8260C	24481
LCSD 620-24481/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24481

General Chemistry

Analysis Batch: 24356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12533-1	CS-3D (14)	Total/NA	Solid	Moisture	
620-12533-2	CS-3S (12)	Total/NA	Solid	Moisture	
620-12533-3	CS-4D (14)	Total/NA	Solid	Moisture	
620-12533-4	CS-4S (12)	Total/NA	Solid	Moisture	
620-12533-5	CS-5D (14)	Total/NA	Solid	Moisture	
620-12533-6	CS-5S (12)	Total/NA	Solid	Moisture	
620-12533-7	CS-6D (13)	Total/NA	Solid	Moisture	
620-12533-8	CS-6S (11)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-3D (14) — **Lab Sample ID: 620-12533-1**
Date Collected: 06/30/23 07:30 — **Matrix: Solid**
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-3D (14) — **Lab Sample ID: 620-12533-1**
Date Collected: 06/30/23 07:30 — **Matrix: Solid**
Date Received: 06/30/23 16:24 — **Percent Solids: 77.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24349	CLR	EET NE	07/05/23 10:09
Total/NA	Analysis	8260C		1	24350	CLR	EET NE	07/05/23 19:55

Client Sample ID: CS-3S (12) — **Lab Sample ID: 620-12533-2**
Date Collected: 06/30/23 07:45 — **Matrix: Solid**
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-3S (12) — **Lab Sample ID: 620-12533-2**
Date Collected: 06/30/23 07:45 — **Matrix: Solid**
Date Received: 06/30/23 16:24 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24349	CLR	EET NE	07/05/23 10:09
Total/NA	Analysis	8260C		1	24350	CLR	EET NE	07/05/23 20:20
Total/NA	Pre Prep	Frozen Preserve	RA		24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035	RA		24402	CLR	EET NE	07/06/23 10:24
Total/NA	Analysis	8260C	RA	1	24403	CLR	EET NE	07/06/23 19:02

Client Sample ID: CS-4D (14) — **Lab Sample ID: 620-12533-3**
Date Collected: 06/30/23 08:30 — **Matrix: Solid**
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-4D (14) — **Lab Sample ID: 620-12533-3**
Date Collected: 06/30/23 08:30 — **Matrix: Solid**
Date Received: 06/30/23 16:24 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24349	CLR	EET NE	07/05/23 10:09
Total/NA	Analysis	8260C		1	24350	CLR	EET NE	07/05/23 20:46

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-4S (12)
Lab Sample ID: 620-12533-4
Date Collected: 06/30/23 08:05
Matrix: Solid
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-4S (12)
Lab Sample ID: 620-12533-4
Date Collected: 06/30/23 08:05
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24402	CLR	EET NE	07/06/23 10:24
Total/NA	Analysis	8260C		1	24403	CLR	EET NE	07/06/23 19:27

Client Sample ID: CS-5D (14)
Lab Sample ID: 620-12533-5
Date Collected: 06/30/23 08:40
Matrix: Solid
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-5D (14)
Lab Sample ID: 620-12533-5
Date Collected: 06/30/23 08:40
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24349	CLR	EET NE	07/05/23 10:09
Total/NA	Analysis	8260C		1	24350	CLR	EET NE	07/05/23 21:36

Client Sample ID: CS-5S (12)
Lab Sample ID: 620-12533-6
Date Collected: 06/30/23 08:50
Matrix: Solid
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-5S (12)
Lab Sample ID: 620-12533-6
Date Collected: 06/30/23 08:50
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24402	CLR	EET NE	07/06/23 10:24
Total/NA	Analysis	8260C		1	24403	CLR	EET NE	07/06/23 19:52

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-6D (13)
Lab Sample ID: 620-12533-7
Date Collected: 06/30/23 09:05
Matrix: Solid
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-6D (13)
Lab Sample ID: 620-12533-7
Date Collected: 06/30/23 09:05
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24402	CLR	EET NE	07/06/23 10:24
Total/NA	Analysis	8260C		1	24403	CLR	EET NE	07/06/23 20:17

Client Sample ID: CS-6S (11)
Lab Sample ID: 620-12533-8
Date Collected: 06/30/23 09:15
Matrix: Solid
Date Received: 06/30/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24356	DWC	EET NE	07/05/23 11:15

Client Sample ID: CS-6S (11)
Lab Sample ID: 620-12533-8
Date Collected: 06/30/23 09:15
Matrix: Solid
Date Received: 06/30/23 16:24
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24276	KFS	EET NE	06/30/23 19:15
Total/NA	Prep	5035			24481	CLR	EET NE	07/10/23 09:13
Total/NA	Analysis	8260C		1	24482	CLR	EET NE	07/10/23 13:11

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12533-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-12533-1	CS-3D (14)	Solid	06/30/23 07:30	06/30/23 16:24
620-12533-2	CS-3S (12)	Solid	06/30/23 07:45	06/30/23 16:24
620-12533-3	CS-4D (14)	Solid	06/30/23 08:30	06/30/23 16:24
620-12533-4	CS-4S (12)	Solid	06/30/23 08:05	06/30/23 16:24
620-12533-5	CS-5D (14)	Solid	06/30/23 08:40	06/30/23 16:24
620-12533-6	CS-5S (12)	Solid	06/30/23 08:50	06/30/23 16:24
620-12533-7	CS-6D (13)	Solid	06/30/23 09:05	06/30/23 16:24
620-12533-8	CS-6S (11)	Solid	06/30/23 09:15	06/30/23 16:24

620-12533 Chain of Custody

ıment Testing
ıew England

12533

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone # 866-839-5195 ext. 3839
Project Mgr: Michael DeGloria

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No: Quote #:

Project No:
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): DON CUSICK

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
01	CS-3D (14)	6-30-23	0730	G	SO	3			1	X	☐
02	CS-3S (12)		0745			3					☐
03	CS-4D (14)		0830								☐
04	CS-4S (12)		0805								☐
05	CS-5D (14)		0840								☐
06	CS-5S (12)		0850								☐
07	CS-6D (13)		0905								☐
08	CS-6S (11)		0915								☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other:
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
		6/30/23	14:40	Observed 5.2
		6/30/23	16:24	Correction Factor -0.2
				Corrected 5.0

☐ EDD format:
☑ E-mail to GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken #1
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-12533-1

Login Number: 12533
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 6/29/2023 5:49:06 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-12338-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

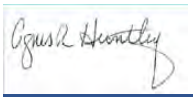
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-12338-1

Laboratory Sample ID(s): 620-12338-1 through 620-12338-6

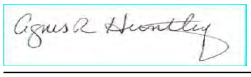
Sampling Date(s): 06/22/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  Position: Project Manager

Printed Name: Agnes Huntley Date: 06/29/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12338-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-12338-1

Receipt
The samples were received on 6/22/2023 3:53 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-24163 recovered outside control limits but within 40-160% for the following analyte: Acetone. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-24112/1-A) and (LCSD 620-24112/2-A).

Method 8260: Internal standard (ISTD) response for the following sample was outside control limits: R-8 (620-12338-2). The sample was re-extracted and/or re-analyzed and ISTD response was outside control limits. Matrix interference confirmed on internal standard response as the re-analysis exhibited similar findings to the initial analysis.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-7
Lab Sample ID: 620-12338-1

No Detections.

Client Sample ID: R-8
Lab Sample ID: 620-12338-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.105	*3	0.0456		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: R-9
Lab Sample ID: 620-12338-3

No Detections.

Client Sample ID: R-10
Lab Sample ID: 620-12338-4

No Detections.

Client Sample ID: R-11
Lab Sample ID: 620-12338-5

No Detections.

Client Sample ID: R-12
Lab Sample ID: 620-12338-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-7
Lab Sample ID: 620-12338-1
Date Collected: 06/22/23 07:40
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 95.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Acetone	ND		0.0354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Acrylonitrile	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Benzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Bromobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Bromochloromethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Bromodichloromethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Bromoform	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Bromomethane	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
2-Butanone (MEK)	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
2-Chlorotoluene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
n-Butylbenzene	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
sec-Butylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
tert-Butylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Carbon disulfide	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Carbon tetrachloride	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Chlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Chloroethane	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Chloroform	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Chloromethane	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
4-Chlorotoluene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2-Dibromo-3-Chloropropane	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Dibromochloromethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2-Dibromoethane (EDB)	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Dibromomethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2-Dichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,3-Dichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,4-Dichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Dichlorodifluoromethane (Freon 12)	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1-Dichloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2-Dichloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1-Dichloroethene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
cis-1,2-Dichloroethene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
trans-1,2-Dichloroethene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2-Dichloropropane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,3-Dichloropropane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
2,2-Dichloropropane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1-Dichloropropene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
cis-1,3-Dichloropropene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
trans-1,3-Dichloropropene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Ethylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Hexachlorobutadiene	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
2-Hexanone (MBK)	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Isopropylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
4-Isopropyltoluene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Methyl tert-butyl ether	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Methylene Chloride	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Naphthalene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-7
Date Collected: 06/22/23 07:40
Date Received: 06/22/23 15:53

Lab Sample ID: 620-12338-1
Matrix: Solid
Percent Solids: 95.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Styrene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1,1,2-Tetrachloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1,2,2-Tetrachloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Tetrachloroethene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Toluene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2,3-Trichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2,4-Trichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,3,5-Trichlorobenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1,1-Trichloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,1,2-Trichloroethane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Trichloroethene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Trichlorofluoromethane (Freon 11)	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2,3-Trichloropropane	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,2,4-Trimethylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,3,5-Trimethylbenzene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Vinyl chloride	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
m,p-Xylene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
o-Xylene	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Tetrahydrofuran	ND		0.00708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Ethyl ether	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Tert-amyl methyl ether	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Ethyl tert-butyl ether	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
di-Isopropyl ether	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
tert-Butanol	ND		0.0708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,4-Dioxane	ND		0.0708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
trans-1,4-Dichloro-2-butene	ND		0.0177		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Ethanol	ND		0.708		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
1,3-Dichloropropene, Total	ND		0.00354		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1
Xylenes, Total	ND		0.0106		mg/Kg	☼	06/26/23 17:20	06/27/23 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*06/26/23 17:20*	*06/27/23 03:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*06/26/23 17:20*	*06/27/23 03:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*	*06/26/23 17:20*	*06/27/23 03:13*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/27/23 03:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**95.5**		0.1		%			06/23/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-8
Lab Sample ID: 620-12338-2
Date Collected: 06/22/23 07:55
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 81.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Acetone	**0.105**	***3**	0.0456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Acrylonitrile	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Benzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Bromobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Bromochloromethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Bromodichloromethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Bromoform	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Bromomethane	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
2-Butanone (MEK)	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
2-Chlorotoluene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
n-Butylbenzene	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
sec-Butylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
tert-Butylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Carbon disulfide	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Carbon tetrachloride	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Chlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Chloroethane	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Chloroform	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Chloromethane	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
4-Chlorotoluene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Dibromochloromethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2-Dibromoethane (EDB)	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Dibromomethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2-Dichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,3-Dichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,4-Dichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Dichlorodifluoromethane (Freon 12)	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1-Dichloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2-Dichloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1-Dichloroethene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
cis-1,2-Dichloroethene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
trans-1,2-Dichloroethene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2-Dichloropropane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,3-Dichloropropane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
2,2-Dichloropropane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1-Dichloropropene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
cis-1,3-Dichloropropene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
trans-1,3-Dichloropropene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Ethylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Hexachlorobutadiene	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
2-Hexanone (MBK)	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Isopropylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
4-Isopropyltoluene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Methyl tert-butyl ether	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
4-Methyl-2-pentanone (MIBK)	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Methylene Chloride	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Naphthalene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-8
Date Collected: 06/22/23 07:55
Date Received: 06/22/23 15:53

Lab Sample ID: 620-12338-2
Matrix: Solid
Percent Solids: 81.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Styrene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1,1,2-Tetrachloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Tetrachloroethene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Toluene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2,3-Trichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2,4-Trichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,3,5-Trichlorobenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1,1-Trichloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,1,2-Trichloroethane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Trichloroethene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Trichlorofluoromethane (Freon 11)	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2,3-Trichloropropane	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,2,4-Trimethylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,3,5-Trimethylbenzene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Vinyl chloride	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
m,p-Xylene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
o-Xylene	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Tetrahydrofuran	ND	*3	0.00913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Ethyl ether	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Tert-amyl methyl ether	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Ethyl tert-butyl ether	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
di-Isopropyl ether	ND	*3	0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
tert-Butanol	ND	*3	0.0913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,4-Dioxane	ND	*3	0.0913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0228		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Ethanol	ND	*3	0.913		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
1,3-Dichloropropene, Total	ND		0.00456		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1
Xylenes, Total	ND		0.0137		mg/Kg	☼	06/26/23 17:20	06/27/23 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*	*3	*70 - 130*	*06/26/23 17:20*	*06/27/23 03:39*	*1*
Toluene-d8 (Surr)	*100*	*3	*70 - 130*	*06/26/23 17:20*	*06/27/23 03:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+ *3	*70 - 130*	*06/26/23 17:20*	*06/27/23 03:39*	*1*
Dibromofluoromethane (Surr)	*111*	*3	*70 - 130*	*06/26/23 17:20*	*06/27/23 03:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.9**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**81.1**		0.1		%			06/23/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-9
Lab Sample ID: 620-12338-3
Date Collected: 06/22/23 08:10
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 95.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Acetone	ND		0.0375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Acrylonitrile	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Benzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Bromobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Bromochloromethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Bromodichloromethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Bromoform	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Bromomethane	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
2-Butanone (MEK)	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
2-Chlorotoluene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
n-Butylbenzene	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
sec-Butylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
tert-Butylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Carbon disulfide	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Carbon tetrachloride	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Chlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Chloroethane	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Chloroform	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Chloromethane	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
4-Chlorotoluene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2-Dibromo-3-Chloropropane	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Dibromochloromethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2-Dibromoethane (EDB)	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Dibromomethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2-Dichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,3-Dichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,4-Dichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Dichlorodifluoromethane (Freon 12)	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1-Dichloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2-Dichloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1-Dichloroethene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
cis-1,2-Dichloroethene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
trans-1,2-Dichloroethene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2-Dichloropropane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,3-Dichloropropane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
2,2-Dichloropropane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1-Dichloropropene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
cis-1,3-Dichloropropene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
trans-1,3-Dichloropropene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Ethylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Hexachlorobutadiene	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
2-Hexanone (MBK)	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Isopropylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
4-Isopropyltoluene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Methyl tert-butyl ether	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Methylene Chloride	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Naphthalene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-9
Lab Sample ID: 620-12338-3
Date Collected: 06/22/23 08:10
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 95.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Styrene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1,1,2-Tetrachloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1,2,2-Tetrachloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Tetrachloroethene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Toluene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2,3-Trichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2,4-Trichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,3,5-Trichlorobenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1,1-Trichloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,1,2-Trichloroethane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Trichloroethene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Trichlorofluoromethane (Freon 11)	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2,3-Trichloropropane	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,2,4-Trimethylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,3,5-Trimethylbenzene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Vinyl chloride	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
m,p-Xylene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
o-Xylene	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Tetrahydrofuran	ND		0.00750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Ethyl ether	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Tert-amyl methyl ether	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Ethyl tert-butyl ether	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
di-Isopropyl ether	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
tert-Butanol	ND		0.0750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,4-Dioxane	ND		0.0750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
trans-1,4-Dichloro-2-butene	ND		0.0187		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Ethanol	ND		0.750		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
1,3-Dichloropropene, Total	ND		0.00375		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1
Xylenes, Total	ND		0.0112		mg/Kg	☼	06/26/23 17:20	06/27/23 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:04*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:04*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**95.1**		0.1		%			06/23/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-10
Lab Sample ID: 620-12338-4
Date Collected: 06/22/23 08:30
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 91.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Acetone	ND		0.0409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Acrylonitrile	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Benzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Bromobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Bromochloromethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Bromodichloromethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Bromoform	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Bromomethane	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
2-Butanone (MEK)	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
2-Chlorotoluene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
n-Butylbenzene	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
sec-Butylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
tert-Butylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Carbon disulfide	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Carbon tetrachloride	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Chlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Chloroethane	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Chloroform	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Chloromethane	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
4-Chlorotoluene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2-Dibromo-3-Chloropropane	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Dibromochloromethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2-Dibromoethane (EDB)	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Dibromomethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2-Dichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,3-Dichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,4-Dichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Dichlorodifluoromethane (Freon 12)	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1-Dichloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2-Dichloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1-Dichloroethene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
cis-1,2-Dichloroethene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
trans-1,2-Dichloroethene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2-Dichloropropane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,3-Dichloropropane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
2,2-Dichloropropane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1-Dichloropropene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
cis-1,3-Dichloropropene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
trans-1,3-Dichloropropene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Ethylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Hexachlorobutadiene	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
2-Hexanone (MBK)	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Isopropylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
4-Isopropyltoluene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Methyl tert-butyl ether	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Methylene Chloride	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Naphthalene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-10
Lab Sample ID: 620-12338-4
Date Collected: 06/22/23 08:30
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 91.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Styrene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1,1,2-Tetrachloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1,2,2-Tetrachloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Tetrachloroethene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Toluene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2,3-Trichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2,4-Trichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,3,5-Trichlorobenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1,1-Trichloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,1,2-Trichloroethane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Trichloroethene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Trichlorofluoromethane (Freon 11)	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2,3-Trichloropropane	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,2,4-Trimethylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,3,5-Trimethylbenzene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Vinyl chloride	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
m,p-Xylene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
o-Xylene	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Tetrahydrofuran	ND		0.00817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Ethyl ether	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Tert-amyl methyl ether	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Ethyl tert-butyl ether	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
di-Isopropyl ether	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
tert-Butanol	ND		0.0817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,4-Dioxane	ND		0.0817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
trans-1,4-Dichloro-2-butene	ND		0.0204		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Ethanol	ND		0.817		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
1,3-Dichloropropene, Total	ND		0.00409		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1
Xylenes, Total	ND		0.0123		mg/Kg	☼	06/26/23 17:20	06/27/23 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:29*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:29*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*06/26/23 17:20*	*06/27/23 04:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**91.6**		0.1		%			06/23/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-11
Lab Sample ID: 620-12338-5
Date Collected: 06/22/23 08:50
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 92.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Acetone	ND	*+	0.0402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Acrylonitrile	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Benzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Bromobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Bromochloromethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Bromodichloromethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Bromoform	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Bromomethane	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
2-Butanone (MEK)	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
2-Chlorotoluene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
n-Butylbenzene	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
sec-Butylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
tert-Butylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Carbon disulfide	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Carbon tetrachloride	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Chlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Chloroethane	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Chloroform	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Chloromethane	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
4-Chlorotoluene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2-Dibromo-3-Chloropropane	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Dibromochloromethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2-Dibromoethane (EDB)	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Dibromomethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2-Dichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,3-Dichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,4-Dichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Dichlorodifluoromethane (Freon 12)	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1-Dichloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2-Dichloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1-Dichloroethene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
cis-1,2-Dichloroethene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
trans-1,2-Dichloroethene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2-Dichloropropane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,3-Dichloropropane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
2,2-Dichloropropane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1-Dichloropropene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
cis-1,3-Dichloropropene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
trans-1,3-Dichloropropene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Ethylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Hexachlorobutadiene	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
2-Hexanone (MBK)	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Isopropylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
4-Isopropyltoluene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Methyl tert-butyl ether	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Methylene Chloride	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Naphthalene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-11
Lab Sample ID: 620-12338-5
Date Collected: 06/22/23 08:50
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 92.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Styrene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1,1,2-Tetrachloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1,2,2-Tetrachloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Tetrachloroethene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Toluene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2,3-Trichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2,4-Trichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,3,5-Trichlorobenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1,1-Trichloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,1,2-Trichloroethane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Trichloroethene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Trichlorofluoromethane (Freon 11)	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2,3-Trichloropropane	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,2,4-Trimethylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,3,5-Trimethylbenzene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Vinyl chloride	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
m,p-Xylene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
o-Xylene	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Tetrahydrofuran	ND		0.00803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Ethyl ether	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Tert-amyl methyl ether	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Ethyl tert-butyl ether	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
di-Isopropyl ether	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
tert-Butanol	ND		0.0803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,4-Dioxane	ND		0.0803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
trans-1,4-Dichloro-2-butene	ND		0.0201		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Ethanol	ND		0.803		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
1,3-Dichloropropene, Total	ND		0.00402		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1
Xylenes, Total	ND		0.0121		mg/Kg	☼	06/27/23 15:58	06/28/23 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*06/27/23 15:58*	*06/28/23 21:42*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*06/27/23 15:58*	*06/28/23 21:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*06/27/23 15:58*	*06/28/23 21:42*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*06/27/23 15:58*	*06/28/23 21:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**92.5**		0.1		%			06/23/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-12
Lab Sample ID: 620-12338-6
Date Collected: 06/22/23 09:05
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Acetone	ND		0.0424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Acrylonitrile	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Benzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Bromobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Bromochloromethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Bromodichloromethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Bromoform	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Bromomethane	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
2-Butanone (MEK)	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
2-Chlorotoluene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
n-Butylbenzene	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
sec-Butylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
tert-Butylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Carbon disulfide	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Carbon tetrachloride	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Chlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Chloroethane	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Chloroform	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Chloromethane	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
4-Chlorotoluene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2-Dibromo-3-Chloropropane	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Dibromochloromethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2-Dibromoethane (EDB)	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Dibromomethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,3-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,4-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Dichlorodifluoromethane (Freon 12)	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1-Dichloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2-Dichloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1-Dichloroethene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
cis-1,2-Dichloroethene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
trans-1,2-Dichloroethene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2-Dichloropropane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,3-Dichloropropane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
2,2-Dichloropropane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1-Dichloropropene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
cis-1,3-Dichloropropene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
trans-1,3-Dichloropropene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Ethylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Hexachlorobutadiene	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
2-Hexanone (MBK)	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Isopropylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
4-Isopropyltoluene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Methyl tert-butyl ether	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Methylene Chloride	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Naphthalene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-12
Date Collected: 06/22/23 09:05
Date Received: 06/22/23 15:53

Lab Sample ID: 620-12338-6
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Styrene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1,1,2-Tetrachloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1,2,2-Tetrachloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Tetrachloroethene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Toluene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2,3-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2,4-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,3,5-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1,1-Trichloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,1,2-Trichloroethane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Trichloroethene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Trichlorofluoromethane (Freon 11)	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2,3-Trichloropropane	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,2,4-Trimethylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,3,5-Trimethylbenzene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Vinyl chloride	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
m,p-Xylene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
o-Xylene	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Tetrahydrofuran	ND		0.00848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Ethyl ether	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Tert-amyl methyl ether	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Ethyl tert-butyl ether	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
di-Isopropyl ether	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
tert-Butanol	ND		0.0848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,4-Dioxane	ND		0.0848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
trans-1,4-Dichloro-2-butene	ND		0.0212		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Ethanol	ND		0.848		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
1,3-Dichloropropene, Total	ND		0.00424		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1
Xylenes, Total	ND		0.0127		mg/Kg	☼	06/26/23 17:20	06/27/23 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/27/23 05:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/27/23 05:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*06/26/23 17:20*	*06/27/23 05:19*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*06/26/23 17:20*	*06/27/23 05:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		0.1		%			06/23/23 15:21	1
Percent Solids (EPA Moisture)	**91.2**		0.1		%			06/23/23 15:21	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-12338-1	R-7	100	98	107	99
620-12338-2	R-8	95 *3	100 *3	136 S1+ *3	111 *3
620-12338-3	R-9	97	98	103	99
620-12338-4	R-10	99	98	106	100
620-12338-5	R-11	97	98	102	99
620-12338-6	R-12	99	99	110	100
LCS 620-24048/1-A	Lab Control Sample	101	101	101	102
LCS 620-24112/1-A	Lab Control Sample	100	100	99	100
LCSD 620-24048/2-A	Lab Control Sample Dup	100	101	100	101
LCSD 620-24112/2-A	Lab Control Sample Dup	100	101	100	101
MB 620-24048/3-A	Method Blank	100	99	101	99
MB 620-24112/3-A	Method Blank	97	97	99	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-24048/3-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24048

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Acetone	ND		0.0500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Acrylonitrile	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Benzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Bromobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Bromochloromethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Bromodichloromethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Bromoform	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Bromomethane	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
2-Chlorotoluene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
n-Butylbenzene	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
sec-Butylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
tert-Butylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Carbon disulfide	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Carbon tetrachloride	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Chlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Chloroethane	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Chloroform	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Chloromethane	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
4-Chlorotoluene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Dibromochloromethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Dibromomethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Ethylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Isopropylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Methylene Chloride	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24048/3-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24048

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
N-Propylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Styrene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Tetrachloroethene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Toluene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Trichloroethene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Vinyl chloride	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
m,p-Xylene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
o-Xylene	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Tetrahydrofuran	ND		0.0100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Ethyl ether	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
di-Isopropyl ether	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
tert-Butanol	ND		0.100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,4-Dioxane	ND		0.100		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Ethanol	ND		1.00		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		06/26/23 17:20	06/26/23 20:56	1
Xylenes, Total	ND		0.0150		mg/Kg		06/26/23 17:20	06/26/23 20:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*06/26/23 17:20*	*06/26/23 20:56*	*1*
Toluene-d8(Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/26/23 20:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*06/26/23 17:20*	*06/26/23 20:56*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*06/26/23 17:20*	*06/26/23 20:56*	*1*

Lab Sample ID: LCS 620-24048/1-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02056		mg/Kg		103	70 - 130
Acetone	0.0200	0.02529	J	mg/Kg		126	70 - 130
Acrylonitrile	0.0200	0.02166		mg/Kg		108	70 - 130
Benzene	0.0200	0.02086		mg/Kg		104	70 - 130
Bromobenzene	0.0200	0.02116		mg/Kg		106	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24048/1-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02128		mg/Kg		106	70 - 130
Bromodichloromethane	0.0200	0.02055		mg/Kg		103	70 - 130
Bromoform	0.0200	0.02069		mg/Kg		103	70 - 130
Bromomethane	0.0200	0.01993		mg/Kg		100	70 - 130
2-Butanone (MEK)	0.0200	0.02275		mg/Kg		114	70 - 130
2-Chlorotoluene	0.0200	0.02062		mg/Kg		103	70 - 130
n-Butylbenzene	0.0200	0.02084		mg/Kg		104	70 - 130
sec-Butylbenzene	0.0200	0.02158		mg/Kg		108	70 - 130
tert-Butylbenzene	0.0200	0.02141		mg/Kg		107	70 - 130
Carbon disulfide	0.0200	0.02027		mg/Kg		101	70 - 130
Carbon tetrachloride	0.0200	0.02093		mg/Kg		105	70 - 130
Chlorobenzene	0.0200	0.02088		mg/Kg		104	70 - 130
Chloroethane	0.0200	0.02225		mg/Kg		111	70 - 130
Chloroform	0.0200	0.02077		mg/Kg		104	70 - 130
Chloromethane	0.0200	0.02088		mg/Kg		104	70 - 130
4-Chlorotoluene	0.0200	0.02153		mg/Kg		108	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02132		mg/Kg		107	70 - 130
Dibromochloromethane	0.0200	0.02063		mg/Kg		103	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02094		mg/Kg		105	70 - 130
Dibromomethane	0.0200	0.02070		mg/Kg		103	70 - 130
1,2-Dichlorobenzene	0.0200	0.02111		mg/Kg		106	70 - 130
1,3-Dichlorobenzene	0.0200	0.02175		mg/Kg		109	70 - 130
1,4-Dichlorobenzene	0.0200	0.02120		mg/Kg		106	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.02030		mg/Kg		101	70 - 130
1,1-Dichloroethane	0.0200	0.02077		mg/Kg		104	70 - 130
1,2-Dichloroethane	0.0200	0.02131		mg/Kg		107	70 - 130
1,1-Dichloroethene	0.0200	0.02027		mg/Kg		101	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02064		mg/Kg		103	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02079		mg/Kg		104	70 - 130
1,2-Dichloropropane	0.0200	0.02081		mg/Kg		104	70 - 130
1,3-Dichloropropane	0.0200	0.02124		mg/Kg		106	70 - 130
2,2-Dichloropropane	0.0200	0.02098		mg/Kg		105	70 - 130
1,1-Dichloropropene	0.0200	0.02069		mg/Kg		103	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02053		mg/Kg		103	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02101		mg/Kg		105	70 - 130
Ethylbenzene	0.0200	0.02101		mg/Kg		105	70 - 130
Hexachlorobutadiene	0.0200	0.02230		mg/Kg		112	70 - 130
2-Hexanone (MBK)	0.0200	0.02141		mg/Kg		107	70 - 130
Isopropylbenzene	0.0200	0.02125		mg/Kg		106	70 - 130
4-Isopropyltoluene	0.0200	0.02101		mg/Kg		105	70 - 130
Methyl tert-butyl ether	0.0200	0.02096		mg/Kg		105	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02128		mg/Kg		106	70 - 130
Methylene Chloride	0.0200	0.01948		mg/Kg		97	70 - 130
Naphthalene	0.0200	0.02343		mg/Kg		117	70 - 130
N-Propylbenzene	0.0200	0.02127		mg/Kg		106	70 - 130
Styrene	0.0200	0.02120		mg/Kg		106	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02104		mg/Kg		105	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.02110		mg/Kg		105	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24048/1-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02099		mg/Kg		105	70 - 130
Toluene	0.0200	0.02095		mg/Kg		105	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02478		mg/Kg		124	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02380		mg/Kg		119	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02206		mg/Kg		110	70 - 130
1,1,1-Trichloroethane	0.0200	0.02117		mg/Kg		106	70 - 130
1,1,2-Trichloroethane	0.0200	0.02098		mg/Kg		105	70 - 130
Trichloroethene	0.0200	0.02075		mg/Kg		104	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02133		mg/Kg		107	70 - 130
1,2,3-Trichloropropane	0.0200	0.02139		mg/Kg		107	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02152		mg/Kg		108	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02155		mg/Kg		108	70 - 130
Vinyl chloride	0.0200	0.02024		mg/Kg		101	70 - 130
m,p-Xylene	0.0200	0.02101		mg/Kg		105	70 - 130
o-Xylene	0.0200	0.02091		mg/Kg		105	70 - 130
Tetrahydrofuran	0.0200	0.02016		mg/Kg		101	70 - 130
Ethyl ether	0.0200	0.02049		mg/Kg		102	70 - 130
Tert-amyl methyl ether	0.0200	0.02071		mg/Kg		104	70 - 130
Ethyl tert-butyl ether	0.0200	0.02069		mg/Kg		103	70 - 130
di-Isopropyl ether	0.0200	0.02071		mg/Kg		104	70 - 130
tert-Butanol	0.200	0.2133		mg/Kg		107	70 - 130
1,4-Dioxane	0.200	0.2021		mg/Kg		101	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.02140	J	mg/Kg		107	70 - 130
Ethanol	0.400	0.4385	J	mg/Kg		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8(Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 620-24048/2-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24048

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02045		mg/Kg		102	70 - 130	1	30
Acetone	0.0200	0.02329	J	mg/Kg		116	70 - 130	8	30
Acrylonitrile	0.0200	0.02113		mg/Kg		106	70 - 130	2	30
Benzene	0.0200	0.02053		mg/Kg		103	70 - 130	2	30
Bromobenzene	0.0200	0.02090		mg/Kg		105	70 - 130	1	30
Bromochloromethane	0.0200	0.02058		mg/Kg		103	70 - 130	3	30
Bromodichloromethane	0.0200	0.02051		mg/Kg		103	70 - 130	0	30
Bromoform	0.0200	0.02039		mg/Kg		102	70 - 130	1	30
Bromomethane	0.0200	0.01983		mg/Kg		99	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.02127		mg/Kg		106	70 - 130	7	30
2-Chlorotoluene	0.0200	0.02176		mg/Kg		109	70 - 130	5	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24048/2-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24048

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02102		mg/Kg		105	70 - 130	1	30
sec-Butylbenzene	0.0200	0.02137		mg/Kg		107	70 - 130	1	30
tert-Butylbenzene	0.0200	0.02096		mg/Kg		105	70 - 130	2	30
Carbon disulfide	0.0200	0.02003		mg/Kg		100	70 - 130	1	30
Carbon tetrachloride	0.0200	0.02052		mg/Kg		103	70 - 130	2	30
Chlorobenzene	0.0200	0.02068		mg/Kg		103	70 - 130	1	30
Chloroethane	0.0200	0.02206		mg/Kg		110	70 - 130	1	30
Chloroform	0.0200	0.02041		mg/Kg		102	70 - 130	2	30
Chloromethane	0.0200	0.02015		mg/Kg		101	70 - 130	4	30
4-Chlorotoluene	0.0200	0.02100		mg/Kg		105	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02086		mg/Kg		104	70 - 130	2	30
Dibromochloromethane	0.0200	0.02035		mg/Kg		102	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.02032		mg/Kg		102	70 - 130	3	30
Dibromomethane	0.0200	0.02015		mg/Kg		101	70 - 130	3	30
1,2-Dichlorobenzene	0.0200	0.02109		mg/Kg		105	70 - 130	0	30
1,3-Dichlorobenzene	0.0200	0.02147		mg/Kg		107	70 - 130	1	30
1,4-Dichlorobenzene	0.0200	0.02139		mg/Kg		107	70 - 130	1	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01983		mg/Kg		99	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.02031		mg/Kg		102	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.02057		mg/Kg		103	70 - 130	4	30
1,1-Dichloroethene	0.0200	0.01990		mg/Kg		99	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.02060		mg/Kg		103	70 - 130	0	30
trans-1,2-Dichloroethene	0.0200	0.02027		mg/Kg		101	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.02024		mg/Kg		101	70 - 130	3	30
1,3-Dichloropropane	0.0200	0.02083		mg/Kg		104	70 - 130	2	30
2,2-Dichloropropane	0.0200	0.02029		mg/Kg		101	70 - 130	3	30
1,1-Dichloropropene	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.02018		mg/Kg		101	70 - 130	2	30
trans-1,3-Dichloropropene	0.0200	0.02043		mg/Kg		102	70 - 130	3	30
Ethylbenzene	0.0200	0.02085		mg/Kg		104	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02243		mg/Kg		112	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.02041		mg/Kg		102	70 - 130	5	30
Isopropylbenzene	0.0200	0.02110		mg/Kg		106	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.02096		mg/Kg		105	70 - 130	0	30
Methyl tert-butyl ether	0.0200	0.02078		mg/Kg		104	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02112		mg/Kg		106	70 - 130	1	30
Methylene Chloride	0.0200	0.01925		mg/Kg		96	70 - 130	1	30
Naphthalene	0.0200	0.02331		mg/Kg		117	70 - 130	1	30
N-Propylbenzene	0.0200	0.02102		mg/Kg		105	70 - 130	1	30
Styrene	0.0200	0.02095		mg/Kg		105	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.02079		mg/Kg		104	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.02099		mg/Kg		105	70 - 130	1	30
Tetrachloroethene	0.0200	0.02065		mg/Kg		103	70 - 130	2	30
Toluene	0.0200	0.02056		mg/Kg		103	70 - 130	2	30
1,2,3-Trichlorobenzene	0.0200	0.02380		mg/Kg		119	70 - 130	4	30
1,2,4-Trichlorobenzene	0.0200	0.02334		mg/Kg		117	70 - 130	2	30
1,3,5-Trichlorobenzene	0.0200	0.02193		mg/Kg		110	70 - 130	1	30
1,1,1-Trichloroethane	0.0200	0.02067		mg/Kg		103	70 - 130	2	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24048/2-A
Matrix: Solid
Analysis Batch: 24049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24048

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.02079		mg/Kg		104	70 - 130	1	30
Trichloroethene			0.0200	0.02083		mg/Kg		104	70 - 130	0	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02074		mg/Kg		104	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.02076		mg/Kg		104	70 - 130	3	30
1,2,4-Trimethylbenzene			0.0200	0.02135		mg/Kg		107	70 - 130	1	30
1,3,5-Trimethylbenzene			0.0200	0.02115		mg/Kg		106	70 - 130	2	30
Vinyl chloride			0.0200	0.01987		mg/Kg		99	70 - 130	2	30
m,p-Xylene			0.0200	0.02081		mg/Kg		104	70 - 130	1	30
o-Xylene			0.0200	0.02077		mg/Kg		104	70 - 130	1	30
Tetrahydrofuran			0.0200	0.01903		mg/Kg		95	70 - 130	6	30
Ethyl ether			0.0200	0.02001		mg/Kg		100	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.02046		mg/Kg		102	70 - 130	1	30
Ethyl tert-butyl ether			0.0200	0.02016		mg/Kg		101	70 - 130	3	30
di-Isopropyl ether			0.0200	0.02024		mg/Kg		101	70 - 130	2	30
tert-Butanol			0.200	0.1951		mg/Kg		98	70 - 130	9	30
1,4-Dioxane			0.200	0.1963		mg/Kg		98	70 - 130	3	30
trans-1,4-Dichloro-2-butene			0.0200	0.02006	J	mg/Kg		100	70 - 130	6	30
Ethanol			0.400	0.3834	J	mg/Kg		96	70 - 130	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8(Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 620-24112/3-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Acetone	ND		0.0500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Acrylonitrile	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Benzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Bromobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Bromochloromethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Bromodichloromethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Bromoform	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Bromomethane	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
2-Chlorotoluene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
n-Butylbenzene	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
sec-Butylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
tert-Butylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Carbon disulfide	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Carbon tetrachloride	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Chlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24112/3-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Chloroform	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Chloromethane	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
4-Chlorotoluene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Dibromochloromethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Dibromomethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Ethylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Isopropylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Methylene Chloride	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Naphthalene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
N-Propylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Styrene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Tetrachloroethene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Toluene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Trichloroethene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Vinyl chloride	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24112/3-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24112

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
o-Xylene	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Tetrahydrofuran	ND		0.0100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Ethyl ether	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
di-Isopropyl ether	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
tert-Butanol	ND		0.100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,4-Dioxane	ND		0.100		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Ethanol	ND		1.00		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		06/27/23 15:58	06/28/23 20:01	1
Xylenes, Total	ND		0.0150		mg/Kg		06/27/23 15:58	06/28/23 20:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*06/27/23 15:58*	*06/28/23 20:01*	*1*
Toluene-d8(Surr)	*97*		*70 - 130*	*06/27/23 15:58*	*06/28/23 20:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*06/27/23 15:58*	*06/28/23 20:01*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*06/27/23 15:58*	*06/28/23 20:01*	*1*

Lab Sample ID: LCS 620-24112/1-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01894		mg/Kg		95	70 - 130
Acetone	0.0200	0.02726	J *+	mg/Kg		136	70 - 130
Acrylonitrile	0.0200	0.01940		mg/Kg		97	70 - 130
Benzene	0.0200	0.01954		mg/Kg		98	70 - 130
Bromobenzene	0.0200	0.01878		mg/Kg		94	70 - 130
Bromochloromethane	0.0200	0.01900		mg/Kg		95	70 - 130
Bromodichloromethane	0.0200	0.01864		mg/Kg		93	70 - 130
Bromoform	0.0200	0.01787		mg/Kg		89	70 - 130
Bromomethane	0.0200	0.01794		mg/Kg		90	70 - 130
2-Butanone (MEK)	0.0200	0.02074		mg/Kg		104	70 - 130
2-Chlorotoluene	0.0200	0.01855		mg/Kg		93	70 - 130
n-Butylbenzene	0.0200	0.01969		mg/Kg		98	70 - 130
sec-Butylbenzene	0.0200	0.01992		mg/Kg		100	70 - 130
tert-Butylbenzene	0.0200	0.01940		mg/Kg		97	70 - 130
Carbon disulfide	0.0200	0.01893		mg/Kg		95	70 - 130
Carbon tetrachloride	0.0200	0.01891		mg/Kg		95	70 - 130
Chlorobenzene	0.0200	0.01918		mg/Kg		96	70 - 130
Chloroethane	0.0200	0.01922		mg/Kg		96	70 - 130
Chloroform	0.0200	0.01866		mg/Kg		93	70 - 130
Chloromethane	0.0200	0.01894		mg/Kg		95	70 - 130
4-Chlorotoluene	0.0200	0.01962		mg/Kg		98	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01802		mg/Kg		90	70 - 130
Dibromochloromethane	0.0200	0.01831		mg/Kg		92	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24112/1-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01900		mg/Kg		95	70 - 130
Dibromomethane	0.0200	0.01888		mg/Kg		94	70 - 130
1,2-Dichlorobenzene	0.0200	0.01942		mg/Kg		97	70 - 130
1,3-Dichlorobenzene	0.0200	0.01951		mg/Kg		98	70 - 130
1,4-Dichlorobenzene	0.0200	0.01950		mg/Kg		97	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01792		mg/Kg		90	70 - 130
1,1-Dichloroethane	0.0200	0.01904		mg/Kg		95	70 - 130
1,2-Dichloroethane	0.0200	0.01903		mg/Kg		95	70 - 130
1,1-Dichloroethene	0.0200	0.01909		mg/Kg		95	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01907		mg/Kg		95	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01902		mg/Kg		95	70 - 130
1,2-Dichloropropane	0.0200	0.01924		mg/Kg		96	70 - 130
1,3-Dichloropropane	0.0200	0.01899		mg/Kg		95	70 - 130
2,2-Dichloropropane	0.0200	0.01878		mg/Kg		94	70 - 130
1,1-Dichloropropene	0.0200	0.01905		mg/Kg		95	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01846		mg/Kg		92	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01871		mg/Kg		94	70 - 130
Ethylbenzene	0.0200	0.01957		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.01868		mg/Kg		93	70 - 130
2-Hexanone (MBK)	0.0200	0.01730		mg/Kg		86	70 - 130
Isopropylbenzene	0.0200	0.01961		mg/Kg		98	70 - 130
4-Isopropyltoluene	0.0200	0.01978		mg/Kg		99	70 - 130
Methyl tert-butyl ether	0.0200	0.01920		mg/Kg		96	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01849		mg/Kg		92	70 - 130
Methylene Chloride	0.0200	0.01858		mg/Kg		93	70 - 130
Naphthalene	0.0200	0.02032		mg/Kg		102	70 - 130
N-Propylbenzene	0.0200	0.01977		mg/Kg		99	70 - 130
Styrene	0.0200	0.01953		mg/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01865		mg/Kg		93	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01930		mg/Kg		97	70 - 130
Tetrachloroethene	0.0200	0.01862		mg/Kg		93	70 - 130
Toluene	0.0200	0.01952		mg/Kg		98	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02012		mg/Kg		101	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01927		mg/Kg		96	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01911		mg/Kg		96	70 - 130
1,1,1-Trichloroethane	0.0200	0.01900		mg/Kg		95	70 - 130
1,1,2-Trichloroethane	0.0200	0.01902		mg/Kg		95	70 - 130
Trichloroethene	0.0200	0.01966		mg/Kg		98	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01888		mg/Kg		94	70 - 130
1,2,3-Trichloropropane	0.0200	0.01928		mg/Kg		96	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01974		mg/Kg		99	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01960		mg/Kg		98	70 - 130
Vinyl chloride	0.0200	0.01865		mg/Kg		93	70 - 130
m,p-Xylene	0.0200	0.01934		mg/Kg		97	70 - 130
o-Xylene	0.0200	0.01943		mg/Kg		97	70 - 130
Tetrahydrofuran	0.0200	0.01897		mg/Kg		95	70 - 130
Ethyl ether	0.0200	0.01888		mg/Kg		94	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24112/1-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01903		mg/Kg		95	70 - 130
Ethyl tert-butyl ether	0.0200	0.01924		mg/Kg		96	70 - 130
di-Isopropyl ether	0.0200	0.01940		mg/Kg		97	70 - 130
tert-Butanol	0.200	0.1870		mg/Kg		93	70 - 130
1,4-Dioxane	0.200	0.1940		mg/Kg		97	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01860	J	mg/Kg		93	70 - 130
Ethanol	0.400	0.3882	J	mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8(Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 620-24112/2-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01762		mg/Kg		88	70 - 130	7	30
Acetone	0.0200	0.02869	J *+	mg/Kg		143	70 - 130	5	30
Acrylonitrile	0.0200	0.01863		mg/Kg		93	70 - 130	4	30
Benzene	0.0200	0.01943		mg/Kg		97	70 - 130	1	30
Bromobenzene	0.0200	0.01853		mg/Kg		93	70 - 130	1	30
Bromochloromethane	0.0200	0.01927		mg/Kg		96	70 - 130	1	30
Bromodichloromethane	0.0200	0.01873		mg/Kg		94	70 - 130	0	30
Bromoform	0.0200	0.01819		mg/Kg		91	70 - 130	2	30
Bromomethane	0.0200	0.01790		mg/Kg		89	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.02153		mg/Kg		108	70 - 130	4	30
2-Chlorotoluene	0.0200	0.01805		mg/Kg		90	70 - 130	3	30
n-Butylbenzene	0.0200	0.01737		mg/Kg		87	70 - 130	13	30
sec-Butylbenzene	0.0200	0.01848		mg/Kg		92	70 - 130	7	30
tert-Butylbenzene	0.0200	0.01908		mg/Kg		95	70 - 130	2	30
Carbon disulfide	0.0200	0.01845		mg/Kg		92	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01858		mg/Kg		93	70 - 130	2	30
Chlorobenzene	0.0200	0.01889		mg/Kg		94	70 - 130	2	30
Chloroethane	0.0200	0.01922		mg/Kg		96	70 - 130	0	30
Chloroform	0.0200	0.01911		mg/Kg		96	70 - 130	2	30
Chloromethane	0.0200	0.01869		mg/Kg		93	70 - 130	1	30
4-Chlorotoluene	0.0200	0.01860		mg/Kg		93	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01826		mg/Kg		91	70 - 130	1	30
Dibromochloromethane	0.0200	0.01866		mg/Kg		93	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.01947		mg/Kg		97	70 - 130	2	30
Dibromomethane	0.0200	0.01923		mg/Kg		96	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.01894		mg/Kg		95	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.01872		mg/Kg		94	70 - 130	4	30
1,4-Dichlorobenzene	0.0200	0.01884		mg/Kg		94	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12338-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24112/2-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.01649		mg/Kg		82	70 - 130	8	30
1,1-Dichloroethane	0.0200	0.01915		mg/Kg		96	70 - 130	1	30
1,2-Dichloroethane	0.0200	0.01934		mg/Kg		97	70 - 130	2	30
1,1-Dichloroethene	0.0200	0.01850		mg/Kg		92	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.01918		mg/Kg		96	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01852		mg/Kg		93	70 - 130	3	30
1,2-Dichloropropane	0.0200	0.01941		mg/Kg		97	70 - 130	1	30
1,3-Dichloropropane	0.0200	0.01964		mg/Kg		98	70 - 130	3	30
2,2-Dichloropropane	0.0200	0.01866		mg/Kg		93	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01864		mg/Kg		93	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01868		mg/Kg		93	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01894		mg/Kg		95	70 - 130	1	30
Ethylbenzene	0.0200	0.01860		mg/Kg		93	70 - 130	5	30
Hexachlorobutadiene	0.0200	0.01700		mg/Kg		85	70 - 130	9	30
2-Hexanone (MBK)	0.0200	0.01903		mg/Kg		95	70 - 130	10	30
Isopropylbenzene	0.0200	0.01887		mg/Kg		94	70 - 130	4	30
4-Isopropyltoluene	0.0200	0.01813		mg/Kg		91	70 - 130	9	30
Methyl tert-butyl ether	0.0200	0.01972		mg/Kg		99	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02010		mg/Kg		101	70 - 130	8	30
Methylene Chloride	0.0200	0.01859		mg/Kg		93	70 - 130	0	30
Naphthalene	0.0200	0.02085		mg/Kg		104	70 - 130	3	30
N-Propylbenzene	0.0200	0.01850		mg/Kg		93	70 - 130	7	30
Styrene	0.0200	0.01908		mg/Kg		95	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01873		mg/Kg		94	70 - 130	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.01935		mg/Kg		97	70 - 130	0	30
Tetrachloroethene	0.0200	0.01767		mg/Kg		88	70 - 130	5	30
Toluene	0.0200	0.01929		mg/Kg		96	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.01982		mg/Kg		99	70 - 130	1	30
1,2,4-Trichlorobenzene	0.0200	0.01857		mg/Kg		93	70 - 130	4	30
1,3,5-Trichlorobenzene	0.0200	0.01764		mg/Kg		88	70 - 130	8	30
1,1,1-Trichloroethane	0.0200	0.01902		mg/Kg		95	70 - 130	0	30
1,1,2-Trichloroethane	0.0200	0.01964		mg/Kg		98	70 - 130	3	30
Trichloroethene	0.0200	0.01942		mg/Kg		97	70 - 130	1	30
Trichlorofluoromethane (Freon 11)	0.0200	0.01787		mg/Kg		89	70 - 130	6	30
1,2,3-Trichloropropane	0.0200	0.01981		mg/Kg		99	70 - 130	3	30
1,2,4-Trimethylbenzene	0.0200	0.01877		mg/Kg		94	70 - 130	5	30
1,3,5-Trimethylbenzene	0.0200	0.01879		mg/Kg		94	70 - 130	4	30
Vinyl chloride	0.0200	0.01849		mg/Kg		92	70 - 130	1	30
m,p-Xylene	0.0200	0.01872		mg/Kg		94	70 - 130	3	30
o-Xylene	0.0200	0.01895		mg/Kg		95	70 - 130	2	30
Tetrahydrofuran	0.0200	0.01943		mg/Kg		97	70 - 130	2	30
Ethyl ether	0.0200	0.01953		mg/Kg		98	70 - 130	3	30
Tert-amyl methyl ether	0.0200	0.01944		mg/Kg		97	70 - 130	2	30
Ethyl tert-butyl ether	0.0200	0.01959		mg/Kg		98	70 - 130	2	30
di-Isopropyl ether	0.0200	0.01936		mg/Kg		97	70 - 130	0	30
tert-Butanol	0.200	0.1912		mg/Kg		96	70 - 130	2	30
1,4-Dioxane	0.200	0.2010		mg/Kg		101	70 - 130	4	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24112/2-A
Matrix: Solid
Analysis Batch: 24163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24112

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01864	J	mg/Kg		93	70 - 130	0	30
Ethanol			0.400	0.3937	J	mg/Kg		98	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8(Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 23952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-1	R-7	Total/NA	Solid	Frozen Preserve	
620-12338-2 - RA	R-8	Total/NA	Solid	Frozen Preserve	
620-12338-2	R-8	Total/NA	Solid	Frozen Preserve	
620-12338-3	R-9	Total/NA	Solid	Frozen Preserve	
620-12338-4	R-10	Total/NA	Solid	Frozen Preserve	
620-12338-5	R-11	Total/NA	Solid	Frozen Preserve	
620-12338-6	R-12	Total/NA	Solid	Frozen Preserve	

Prep Batch: 24048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-1	R-7	Total/NA	Solid	5035	23952
620-12338-2	R-8	Total/NA	Solid	5035	23952
620-12338-3	R-9	Total/NA	Solid	5035	23952
620-12338-4	R-10	Total/NA	Solid	5035	23952
620-12338-6	R-12	Total/NA	Solid	5035	23952
MB 620-24048/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24048/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24048/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-1	R-7	Total/NA	Solid	8260C	24048
620-12338-2	R-8	Total/NA	Solid	8260C	24048
620-12338-3	R-9	Total/NA	Solid	8260C	24048
620-12338-4	R-10	Total/NA	Solid	8260C	24048
620-12338-6	R-12	Total/NA	Solid	8260C	24048
MB 620-24048/3-A	Method Blank	Total/NA	Solid	8260C	24048
LCS 620-24048/1-A	Lab Control Sample	Total/NA	Solid	8260C	24048
LCSD 620-24048/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24048

Prep Batch: 24112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-2 - RA	R-8	Total/NA	Solid	5035	23952
620-12338-5	R-11	Total/NA	Solid	5035	23952
MB 620-24112/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24112/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24112/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-2 - RA	R-8	Total/NA	Solid	8260C	24112
620-12338-5	R-11	Total/NA	Solid	8260C	24112
MB 620-24112/3-A	Method Blank	Total/NA	Solid	8260C	24112
LCS 620-24112/1-A	Lab Control Sample	Total/NA	Solid	8260C	24112
LCSD 620-24112/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24112

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

General Chemistry

Analysis Batch: 23993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12338-1	R-7	Total/NA	Solid	Moisture	
620-12338-2	R-8	Total/NA	Solid	Moisture	
620-12338-3	R-9	Total/NA	Solid	Moisture	
620-12338-4	R-10	Total/NA	Solid	Moisture	
620-12338-5	R-11	Total/NA	Solid	Moisture	
620-12338-6	R-12	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-7
Lab Sample ID: 620-12338-1
Date Collected: 06/22/23 07:40
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-7
Lab Sample ID: 620-12338-1
Date Collected: 06/22/23 07:40
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24048	CLR	EET NE	06/26/23 17:20
Total/NA	Analysis	8260C		1	24049	CLR	EET NE	06/27/23 03:13

Client Sample ID: R-8
Lab Sample ID: 620-12338-2
Date Collected: 06/22/23 07:55
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-8
Lab Sample ID: 620-12338-2
Date Collected: 06/22/23 07:55
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24048	CLR	EET NE	06/26/23 17:20
Total/NA	Analysis	8260C		1	24049	CLR	EET NE	06/27/23 03:39
Total/NA	Pre Prep	Frozen Preserve	RA		23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035	RA		24112	CLR	EET NE	06/27/23 15:58
Total/NA	Analysis	8260C	RA	1	24163	CLR	EET NE	06/28/23 21:17

Client Sample ID: R-9
Lab Sample ID: 620-12338-3
Date Collected: 06/22/23 08:10
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-9
Lab Sample ID: 620-12338-3
Date Collected: 06/22/23 08:10
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24048	CLR	EET NE	06/26/23 17:20
Total/NA	Analysis	8260C		1	24049	CLR	EET NE	06/27/23 04:04

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: R-10
Lab Sample ID: 620-12338-4
Date Collected: 06/22/23 08:30
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-10
Lab Sample ID: 620-12338-4
Date Collected: 06/22/23 08:30
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24048	CLR	EET NE	06/26/23 17:20
Total/NA	Analysis	8260C		1	24049	CLR	EET NE	06/27/23 04:29

Client Sample ID: R-11
Lab Sample ID: 620-12338-5
Date Collected: 06/22/23 08:50
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-11
Lab Sample ID: 620-12338-5
Date Collected: 06/22/23 08:50
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24112	CLR	EET NE	06/27/23 15:58
Total/NA	Analysis	8260C		1	24163	CLR	EET NE	06/28/23 21:42

Client Sample ID: R-12
Lab Sample ID: 620-12338-6
Date Collected: 06/22/23 09:05
Matrix: Solid
Date Received: 06/22/23 15:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	23993	JPC	EET NE	06/23/23 15:21

Client Sample ID: R-12
Lab Sample ID: 620-12338-6
Date Collected: 06/22/23 09:05
Matrix: Solid
Date Received: 06/22/23 15:53
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			23952	KFS	EET NE	06/22/23 20:39
Total/NA	Prep	5035			24048	CLR	EET NE	06/26/23 17:20
Total/NA	Analysis	8260C		1	24049	CLR	EET NE	06/27/23 05:19

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12338-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-12338-1	R-7	Solid	06/22/23 07:40	06/22/23 15:53
620-12338-2	R-8	Solid	06/22/23 07:55	06/22/23 15:53
620-12338-3	R-9	Solid	06/22/23 08:10	06/22/23 15:53
620-12338-4	R-10	Solid	06/22/23 08:30	06/22/23 15:53
620-12338-5	R-11	Solid	06/22/23 08:50	06/22/23 15:53
620-12338-6	R-12	Solid	06/22/23 09:05	06/22/23 15:53

620-12338 Chain of Custody

ment Testing
gland

12338

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P.O No.: Quote #:

Project No:
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s):

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
01	R-7	6-22-23	0740	C	SO	3			1	X	☐
02	R-8		0755								☐
03	R-9		0810								☐
04	R-10		0830								☐
05	R-11		0850								☐
06	R-12		0905								☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other:
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
		6/22/23	1345	Observed 3.4
		6/22/23	15:53	Correction Factor -0.2
				Corrected 3.2

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown RI 02852

www.EurofinsUS.com/Spectrum

Rev. Jan 2020

620-12338 Chain of Custody

ment Testing
gland

12338

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P.O No.: Quote #:

Project No:
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s):

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
01	R-7	6-22-23	0740	C	SO	3			1	X	☐
02	R-8		0755								☐
03	R-9		0810								☐
04	R-10		0830								☐
05	R-11		0850								☐
06	R-12		0905								☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other:
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
		6/22/23	1345	Observed 3.4
		6/22/23	15:53	Correction Factor -0.2
				Corrected 3.2

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-12338-1

Login Number: 12338
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 6/29/2023 4:44:04 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-12451-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

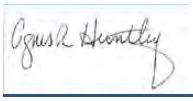
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-12451-1

Laboratory Sample ID(s): 620-12451-1, 620-12451-2

Sampling Date(s): 06/28/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 06/29/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12451-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-12451-1

Receipt
The samples were received on 6/28/2023 3:36 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Methods 8260, 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 620-24099 and 620-24180 and analytical batch 620-24181 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260: The continuing calibration verification (CCV) associated with batch 620-24181 exhibited % difference of > 20% for the following analyte: 1,2-Dibromo-3-Chloropropane; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-1D (12)
Lab Sample ID: 620-12451-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	0.0312		0.00847		mg/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	0.0190		0.00424		mg/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.00439		0.00424		mg/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	0.00689		0.00424		mg/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	0.00835		0.00424		mg/Kg	1	☼	8260C	Total/NA
Naphthalene	0.0141		0.00424		mg/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	0.0251		0.00424		mg/Kg	1	☼	8260C	Total/NA
1,2,4-Trimethylbenzene	0.0903		0.00424		mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.0252		0.00424		mg/Kg	1	☼	8260C	Total/NA
m,p-Xylene	0.00545		0.00424		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: CS-2D (12)
Lab Sample ID: 620-12451-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-1D (12)
Date Collected: 06/28/23 12:00
Date Received: 06/28/23 15:36

Lab Sample ID: 620-12451-1
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Acetone	ND		0.0424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Acrylonitrile	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Benzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Bromobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Bromochloromethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Bromodichloromethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Bromoform	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Bromomethane	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
2-Butanone (MEK)	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
2-Chlorotoluene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
n-Butylbenzene	**0.0312**		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
sec-Butylbenzene	**0.0190**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
tert-Butylbenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Carbon disulfide	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Carbon tetrachloride	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Chlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Chloroethane	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Chloroform	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Chloromethane	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
4-Chlorotoluene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2-Dibromo-3-Chloropropane	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Dibromochloromethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2-Dibromoethane (EDB)	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Dibromomethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,3-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,4-Dichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Dichlorodifluoromethane (Freon 12)	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1-Dichloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2-Dichloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1-Dichloroethene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
cis-1,2-Dichloroethene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
trans-1,2-Dichloroethene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2-Dichloropropane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,3-Dichloropropane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
2,2-Dichloropropane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1-Dichloropropene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
cis-1,3-Dichloropropene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
trans-1,3-Dichloropropene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Ethylbenzene	**0.00439**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Hexachlorobutadiene	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
2-Hexanone (MBK)	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Isopropylbenzene	**0.00689**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
4-Isopropyltoluene	**0.00835**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Methyl tert-butyl ether	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Methylene Chloride	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Naphthalene	**0.0141**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-1D (12)
Date Collected: 06/28/23 12:00
Date Received: 06/28/23 15:36

Lab Sample ID: 620-12451-1
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	**0.0251**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Styrene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1,1,2-Tetrachloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1,2,2-Tetrachloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Tetrachloroethene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Toluene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2,3-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2,4-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,3,5-Trichlorobenzene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1,1-Trichloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,1,2-Trichloroethane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Trichloroethene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Trichlorofluoromethane (Freon 11)	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2,3-Trichloropropane	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,2,4-Trimethylbenzene	**0.0903**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,3,5-Trimethylbenzene	**0.0252**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Vinyl chloride	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
m,p-Xylene	**0.00545**		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
o-Xylene	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Tetrahydrofuran	ND		0.00847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Ethyl ether	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Tert-amyl methyl ether	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Ethyl tert-butyl ether	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
di-Isopropyl ether	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
tert-Butanol	ND		0.0847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,4-Dioxane	ND		0.0847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
trans-1,4-Dichloro-2-butene	ND		0.0212		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Ethanol	ND		0.847		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
1,3-Dichloropropene, Total	ND		0.00424		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1
Xylenes, Total	ND		0.0127		mg/Kg	☼	06/29/23 09:13	06/29/23 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:22*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:22*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.8**		0.1		%			06/29/23 09:47	1
Percent Solids (EPA Moisture)	**81.2**		0.1		%			06/29/23 09:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-2D (12)
Date Collected: 06/28/23 12:45
Date Received: 06/28/23 15:36

Lab Sample ID: 620-12451-2
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Acetone	ND		0.0381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Acrylonitrile	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Benzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Bromobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Bromochloromethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Bromodichloromethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Bromoform	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Bromomethane	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
2-Butanone (MEK)	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
2-Chlorotoluene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
n-Butylbenzene	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
sec-Butylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
tert-Butylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Carbon disulfide	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Carbon tetrachloride	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Chlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Chloroethane	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Chloroform	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Chloromethane	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
4-Chlorotoluene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2-Dibromo-3-Chloropropane	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Dibromochloromethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2-Dibromoethane (EDB)	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Dibromomethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2-Dichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,3-Dichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,4-Dichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Dichlorodifluoromethane (Freon 12)	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1-Dichloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2-Dichloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1-Dichloroethene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
cis-1,2-Dichloroethene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
trans-1,2-Dichloroethene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2-Dichloropropane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,3-Dichloropropane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
2,2-Dichloropropane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1-Dichloropropene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
cis-1,3-Dichloropropene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
trans-1,3-Dichloropropene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Ethylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Hexachlorobutadiene	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
2-Hexanone (MBK)	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Isopropylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
4-Isopropyltoluene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Methyl tert-butyl ether	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Methylene Chloride	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Naphthalene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-2D (12)
Date Collected: 06/28/23 12:45
Date Received: 06/28/23 15:36

Lab Sample ID: 620-12451-2
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Styrene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1,1,2-Tetrachloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1,2,2-Tetrachloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Tetrachloroethene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Toluene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2,3-Trichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2,4-Trichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,3,5-Trichlorobenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1,1-Trichloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,1,2-Trichloroethane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Trichloroethene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Trichlorofluoromethane (Freon 11)	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2,3-Trichloropropane	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,2,4-Trimethylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,3,5-Trimethylbenzene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Vinyl chloride	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
m,p-Xylene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
o-Xylene	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Tetrahydrofuran	ND		0.00762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Ethyl ether	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Tert-amyl methyl ether	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Ethyl tert-butyl ether	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
di-Isopropyl ether	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
tert-Butanol	ND		0.0762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,4-Dioxane	ND		0.0762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
trans-1,4-Dichloro-2-butene	ND		0.0190		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Ethanol	ND		0.762		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
1,3-Dichloropropene, Total	ND		0.00381		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1
Xylenes, Total	ND		0.0114		mg/Kg	☼	06/29/23 09:13	06/29/23 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:47*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:47*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*06/29/23 09:13*	*06/29/23 14:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.6**		0.1		%			06/29/23 09:47	1
Percent Solids (EPA Moisture)	**87.4**		0.1		%			06/29/23 09:47	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-12451-1	CS-1D (12)	115	96	94	92
620-12451-2	CS-2D (12)	100	98	94	98
LCS 620-24180/1-A	Lab Control Sample	99	100	96	99
LCSD 620-24180/2-A	Lab Control Sample Dup	98	100	95	99
MB 620-24180/3-A	Method Blank	98	97	97	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-24180/3-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24180

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Acetone	ND		0.0500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Acrylonitrile	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Benzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Bromobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Bromochloromethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Bromodichloromethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Bromoform	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Bromomethane	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
2-Chlorotoluene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
n-Butylbenzene	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
sec-Butylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
tert-Butylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Carbon disulfide	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Carbon tetrachloride	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Chlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Chloroethane	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Chloroform	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Chloromethane	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
4-Chlorotoluene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Dibromochloromethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Dibromomethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Ethylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Isopropylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Methylene Chloride	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24180/3-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24180

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
N-Propylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Styrene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Tetrachloroethene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Toluene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Trichloroethene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Vinyl chloride	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
m,p-Xylene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
o-Xylene	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Tetrahydrofuran	ND		0.0100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Ethyl ether	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
di-Isopropyl ether	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
tert-Butanol	ND		0.100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,4-Dioxane	ND		0.100		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Ethanol	ND		1.00		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		06/29/23 09:13	06/29/23 11:49	1
Xylenes, Total	ND		0.0150		mg/Kg		06/29/23 09:13	06/29/23 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*06/29/23 09:13*	*06/29/23 11:49*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*06/29/23 09:13*	*06/29/23 11:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*06/29/23 09:13*	*06/29/23 11:49*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*06/29/23 09:13*	*06/29/23 11:49*	*1*

Lab Sample ID: LCS 620-24180/1-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24180

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.01863		mg/Kg		93	70 - 130		
Acetone			0.0200	0.02076	J	mg/Kg		104	70 - 130		
Acrylonitrile			0.0200	0.01836		mg/Kg		92	70 - 130		
Benzene			0.0200	0.01893		mg/Kg		95	70 - 130		
Bromobenzene			0.0200	0.01857		mg/Kg		93	70 - 130		

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24180/1-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01918		mg/Kg		96	70 - 130
Bromodichloromethane	0.0200	0.01805		mg/Kg		90	70 - 130
Bromoform	0.0200	0.01739		mg/Kg		87	70 - 130
Bromomethane	0.0200	0.01592		mg/Kg		80	70 - 130
2-Butanone (MEK)	0.0200	0.01884		mg/Kg		94	70 - 130
2-Chlorotoluene	0.0200	0.01911		mg/Kg		96	70 - 130
n-Butylbenzene	0.0200	0.01871		mg/Kg		94	70 - 130
sec-Butylbenzene	0.0200	0.01895		mg/Kg		95	70 - 130
tert-Butylbenzene	0.0200	0.01919		mg/Kg		96	70 - 130
Carbon disulfide	0.0200	0.01788		mg/Kg		89	70 - 130
Carbon tetrachloride	0.0200	0.01810		mg/Kg		91	70 - 130
Chlorobenzene	0.0200	0.01848		mg/Kg		92	70 - 130
Chloroethane	0.0200	0.01751		mg/Kg		88	70 - 130
Chloroform	0.0200	0.01828		mg/Kg		91	70 - 130
Chloromethane	0.0200	0.01633		mg/Kg		82	70 - 130
4-Chlorotoluene	0.0200	0.01885		mg/Kg		94	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01663		mg/Kg		83	70 - 130
Dibromochloromethane	0.0200	0.01815		mg/Kg		91	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01872		mg/Kg		94	70 - 130
Dibromomethane	0.0200	0.01819		mg/Kg		91	70 - 130
1,2-Dichlorobenzene	0.0200	0.01859		mg/Kg		93	70 - 130
1,3-Dichlorobenzene	0.0200	0.01911		mg/Kg		96	70 - 130
1,4-Dichlorobenzene	0.0200	0.01882		mg/Kg		94	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01464		mg/Kg		73	70 - 130
1,1-Dichloroethane	0.0200	0.01826		mg/Kg		91	70 - 130
1,2-Dichloroethane	0.0200	0.01826		mg/Kg		91	70 - 130
1,1-Dichloroethene	0.0200	0.01871		mg/Kg		94	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01870		mg/Kg		93	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01862		mg/Kg		93	70 - 130
1,2-Dichloropropane	0.0200	0.01868		mg/Kg		93	70 - 130
1,3-Dichloropropane	0.0200	0.01888		mg/Kg		94	70 - 130
2,2-Dichloropropane	0.0200	0.01843		mg/Kg		92	70 - 130
1,1-Dichloropropene	0.0200	0.01882		mg/Kg		94	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01818		mg/Kg		91	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01831		mg/Kg		92	70 - 130
Ethylbenzene	0.0200	0.01863		mg/Kg		93	70 - 130
Hexachlorobutadiene	0.0200	0.01867		mg/Kg		93	70 - 130
2-Hexanone (MBK)	0.0200	0.01833		mg/Kg		92	70 - 130
Isopropylbenzene	0.0200	0.01902		mg/Kg		95	70 - 130
4-Isopropyltoluene	0.0200	0.01885		mg/Kg		94	70 - 130
Methyl tert-butyl ether	0.0200	0.01906		mg/Kg		95	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01866		mg/Kg		93	70 - 130
Methylene Chloride	0.0200	0.02006		mg/Kg		100	70 - 130
Naphthalene	0.0200	0.01903		mg/Kg		95	70 - 130
N-Propylbenzene	0.0200	0.01878		mg/Kg		94	70 - 130
Styrene	0.0200	0.01880		mg/Kg		94	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01801		mg/Kg		90	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01814		mg/Kg		91	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24180/1-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.01912		mg/Kg		96	70 - 130
Toluene	0.0200	0.01902		mg/Kg		95	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.01883		mg/Kg		94	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01916		mg/Kg		96	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01880		mg/Kg		94	70 - 130
1,1,1-Trichloroethane	0.0200	0.01839		mg/Kg		92	70 - 130
1,1,2-Trichloroethane	0.0200	0.01854		mg/Kg		93	70 - 130
Trichloroethene	0.0200	0.01885		mg/Kg		94	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01776		mg/Kg		89	70 - 130
1,2,3-Trichloropropane	0.0200	0.01822		mg/Kg		91	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01888		mg/Kg		94	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01890		mg/Kg		94	70 - 130
Vinyl chloride	0.0200	0.01698		mg/Kg		85	70 - 130
m,p-Xylene	0.0200	0.01873		mg/Kg		94	70 - 130
o-Xylene	0.0200	0.01886		mg/Kg		94	70 - 130
Tetrahydrofuran	0.0200	0.01798		mg/Kg		90	70 - 130
Ethyl ether	0.0200	0.01850		mg/Kg		93	70 - 130
Tert-amyl methyl ether	0.0200	0.01890		mg/Kg		95	70 - 130
Ethyl tert-butyl ether	0.0200	0.01914		mg/Kg		96	70 - 130
di-Isopropyl ether	0.0200	0.01889		mg/Kg		94	70 - 130
tert-Butanol	0.200	0.1772		mg/Kg		89	70 - 130
1,4-Dioxane	0.200	0.1915		mg/Kg		96	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01731	J	mg/Kg		87	70 - 130
Ethanol	0.400	0.3571	J	mg/Kg		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 620-24180/2-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24180

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01805		mg/Kg		90	70 - 130	3	30
Acetone	0.0200	0.02027	J	mg/Kg		101	70 - 130	2	30
Acrylonitrile	0.0200	0.01755		mg/Kg		88	70 - 130	5	30
Benzene	0.0200	0.01862		mg/Kg		93	70 - 130	2	30
Bromobenzene	0.0200	0.01821		mg/Kg		91	70 - 130	2	30
Bromochloromethane	0.0200	0.01920		mg/Kg		96	70 - 130	0	30
Bromodichloromethane	0.0200	0.01768		mg/Kg		88	70 - 130	2	30
Bromoform	0.0200	0.01722		mg/Kg		86	70 - 130	1	30
Bromomethane	0.0200	0.01591		mg/Kg		80	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.01959		mg/Kg		98	70 - 130	4	30
2-Chlorotoluene	0.0200	0.01771		mg/Kg		89	70 - 130	8	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24180/2-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24180

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01807		mg/Kg		90	70 - 130	3	30
sec-Butylbenzene	0.0200	0.01865		mg/Kg		93	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01894		mg/Kg		95	70 - 130	1	30
Carbon disulfide	0.0200	0.01744		mg/Kg		87	70 - 130	2	30
Carbon tetrachloride	0.0200	0.01799		mg/Kg		90	70 - 130	1	30
Chlorobenzene	0.0200	0.01832		mg/Kg		92	70 - 130	1	30
Chloroethane	0.0200	0.01751		mg/Kg		88	70 - 130	0	30
Chloroform	0.0200	0.01797		mg/Kg		90	70 - 130	2	30
Chloromethane	0.0200	0.01613		mg/Kg		81	70 - 130	1	30
4-Chlorotoluene	0.0200	0.01833		mg/Kg		92	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01707		mg/Kg		85	70 - 130	3	30
Dibromochloromethane	0.0200	0.01776		mg/Kg		89	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.01844		mg/Kg		92	70 - 130	1	30
Dibromomethane	0.0200	0.01790		mg/Kg		89	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.01861		mg/Kg		93	70 - 130	0	30
1,3-Dichlorobenzene	0.0200	0.01876		mg/Kg		94	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01851		mg/Kg		93	70 - 130	2	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01397		mg/Kg		70	70 - 130	5	30
1,1-Dichloroethane	0.0200	0.01832		mg/Kg		92	70 - 130	0	30
1,2-Dichloroethane	0.0200	0.01804		mg/Kg		90	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.01820		mg/Kg		91	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.01864		mg/Kg		93	70 - 130	0	30
trans-1,2-Dichloroethene	0.0200	0.01832		mg/Kg		92	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.01823		mg/Kg		91	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01871		mg/Kg		94	70 - 130	1	30
2,2-Dichloropropane	0.0200	0.01830		mg/Kg		91	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01857		mg/Kg		93	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.01805		mg/Kg		90	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01763		mg/Kg		88	70 - 130	4	30
Ethylbenzene	0.0200	0.01810		mg/Kg		91	70 - 130	3	30
Hexachlorobutadiene	0.0200	0.01786		mg/Kg		89	70 - 130	4	30
2-Hexanone (MBK)	0.0200	0.01785		mg/Kg		89	70 - 130	3	30
Isopropylbenzene	0.0200	0.01874		mg/Kg		94	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01867		mg/Kg		93	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.01872		mg/Kg		94	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01765		mg/Kg		88	70 - 130	6	30
Methylene Chloride	0.0200	0.01973		mg/Kg		99	70 - 130	2	30
Naphthalene	0.0200	0.01981		mg/Kg		99	70 - 130	4	30
N-Propylbenzene	0.0200	0.01840		mg/Kg		92	70 - 130	2	30
Styrene	0.0200	0.01853		mg/Kg		93	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.01796		mg/Kg		90	70 - 130	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.01806		mg/Kg		90	70 - 130	0	30
Tetrachloroethene	0.0200	0.01856		mg/Kg		93	70 - 130	3	30
Toluene	0.0200	0.01868		mg/Kg		93	70 - 130	2	30
1,2,3-Trichlorobenzene	0.0200	0.01921		mg/Kg		96	70 - 130	2	30
1,2,4-Trichlorobenzene	0.0200	0.01894		mg/Kg		95	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.01838		mg/Kg		92	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.01821		mg/Kg		91	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24180/2-A
Matrix: Solid
Analysis Batch: 24181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24180

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01823		mg/Kg		91	70 - 130	2	30
Trichloroethene			0.0200	0.01865		mg/Kg		93	70 - 130	1	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01793		mg/Kg		90	70 - 130	1	30
1,2,3-Trichloropropane			0.0200	0.01802		mg/Kg		90	70 - 130	1	30
1,2,4-Trimethylbenzene			0.0200	0.01856		mg/Kg		93	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01860		mg/Kg		93	70 - 130	2	30
Vinyl chloride			0.0200	0.01689		mg/Kg		84	70 - 130	1	30
m,p-Xylene			0.0200	0.01845		mg/Kg		92	70 - 130	2	30
o-Xylene			0.0200	0.01855		mg/Kg		93	70 - 130	2	30
Tetrahydrofuran			0.0200	0.01856		mg/Kg		93	70 - 130	3	30
Ethyl ether			0.0200	0.01840		mg/Kg		92	70 - 130	1	30
Tert-amyl methyl ether			0.0200	0.01852		mg/Kg		93	70 - 130	2	30
Ethyl tert-butyl ether			0.0200	0.01887		mg/Kg		94	70 - 130	1	30
di-Isopropyl ether			0.0200	0.01902		mg/Kg		95	70 - 130	1	30
tert-Butanol			0.200	0.1760		mg/Kg		88	70 - 130	1	30
1,4-Dioxane			0.200	0.1904		mg/Kg		95	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.01724	J	mg/Kg		86	70 - 130	0	30
Ethanol			0.400	0.3285	J	mg/Kg		82	70 - 130	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 24171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12451-1	CS-1D (12)	Total/NA	Solid	Frozen Preserve	
620-12451-2	CS-2D (12)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 24180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12451-1	CS-1D (12)	Total/NA	Solid	5035	24171
620-12451-2	CS-2D (12)	Total/NA	Solid	5035	24171
MB 620-24180/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24180/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24180/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12451-1	CS-1D (12)	Total/NA	Solid	8260C	24180
620-12451-2	CS-2D (12)	Total/NA	Solid	8260C	24180
MB 620-24180/3-A	Method Blank	Total/NA	Solid	8260C	24180
LCS 620-24180/1-A	Lab Control Sample	Total/NA	Solid	8260C	24180
LCSD 620-24180/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24180

General Chemistry

Analysis Batch: 24186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12451-1	CS-1D (12)	Total/NA	Solid	Moisture	
620-12451-2	CS-2D (12)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-1D (12)
Lab Sample ID: 620-12451-1
Date Collected: 06/28/23 12:00
Matrix: Solid
Date Received: 06/28/23 15:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24186	DWC	EET NE	06/29/23 09:47

Client Sample ID: CS-1D (12)
Lab Sample ID: 620-12451-1
Date Collected: 06/28/23 12:00
Matrix: Solid
Date Received: 06/28/23 15:36
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24171	KFS	EET NE	06/28/23 18:05
Total/NA	Prep	5035			24180	CLR	EET NE	06/29/23 09:13
Total/NA	Analysis	8260C		1	24181	CLR	EET NE	06/29/23 14:22

Client Sample ID: CS-2D (12)
Lab Sample ID: 620-12451-2
Date Collected: 06/28/23 12:45
Matrix: Solid
Date Received: 06/28/23 15:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24186	DWC	EET NE	06/29/23 09:47

Client Sample ID: CS-2D (12)
Lab Sample ID: 620-12451-2
Date Collected: 06/28/23 12:45
Matrix: Solid
Date Received: 06/28/23 15:36
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24171	KFS	EET NE	06/28/23 18:05
Total/NA	Prep	5035			24180	CLR	EET NE	06/29/23 09:13
Total/NA	Analysis	8260C		1	24181	CLR	EET NE	06/29/23 14:47

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12451-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-12451-1	CS-1D (12)	Solid	06/28/23 12:00	06/28/23 15:36
620-12451-2	CS-2D (12)	Solid	06/28/23 12:45	06/28/23 15:36

620-12451 Chain of Custody

nt Testing
nd

12451

CHAIN OF CUSTODY RECORD

Page ____ of ____

Special Handling:

☐ Standard TAT - 7 to 10 business days

☒ Rush TAT - Date Needed: 24 IN Today

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No.: ____ Quote #: ____

Project No: ____
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): DON CUSKE

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
01	CS-1D (12)	6/28/23	1200	G	SO	3			1	X	☐
02	CS-2D (12)	↓	1245	↓	↓	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: ____
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
		6/29/23	1345	Observed 2.2
		6/28/23	15:36	Correction Factor -0.2
				Corrected 2.0

☐ EDD format: ____
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

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6/29/2023

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-12451-1

Login Number: 12451
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 7/18/2023 4:39:31 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-12752-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

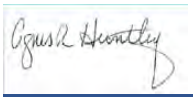
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-12752-1

Laboratory Sample ID(s): 620-12752-1 through 620-12752-4

Sampling Date(s): 07/13/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 07/18/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12752-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-12752-1

Receipt
The samples were received on 7/13/2023 4:24 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8º C.

GC/MS VOA
Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased low): Vinyl chloride. (CCVIS 620-24737/3)

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-24737 exhibited % difference of > 20% for the following analytes: trans-1,4-Dichloro-2-butene, 1,1,2-Trichloroethane, Acrylonitrile, 1,2-Dichloroethane, and 1,2,3-Trichloropropane; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Method 8260: The laboratory control sample (LCS) for batch 620-24737 recovered outside control limits but within 40-160% for the following analyte: Bromomethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated sample is: (LCS 620-24736/1-A).

Method 8260: The laboratory control sample duplicate (LCSD) for batch 620-24737 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane and Bromomethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated sample is: (LCSD 620-24736/2-A).

Method 8260: The result for Acetone was above the upper calibration range and is reported as an Estimated ("E") value in samples: CS-7D (13) (620-12752-1) and CS-8D (13.5) (620-12752-3) These samples were not evaluated from the methanol vial as the results would yield a non-detect result from the lowest possible dilution from the methanol extract. The result reported is from low level.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7D (13)
Lab Sample ID: 620-12752-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.385	E	0.0533		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: CS-7S (11)
Lab Sample ID: 620-12752-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.159		0.0419		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: CS-8D (13.5)
Lab Sample ID: 620-12752-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.198	E	0.0460		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: CS-8S (11)
Lab Sample ID: 620-12752-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.102		0.0422		mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7D (13)
Lab Sample ID: 620-12752-1
Date Collected: 07/13/23 07:30
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 92.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Acetone	**0.385**	**E**	0.0533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Acrylonitrile	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Benzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Bromobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Bromochloromethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Bromodichloromethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Bromoform	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Bromomethane	ND	*-	0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
2-Butanone (MEK)	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
2-Chlorotoluene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
n-Butylbenzene	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
sec-Butylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
tert-Butylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Carbon disulfide	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Carbon tetrachloride	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Chlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Chloroethane	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Chloroform	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Chloromethane	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
4-Chlorotoluene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2-Dibromo-3-Chloropropane	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Dibromochloromethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2-Dibromoethane (EDB)	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Dibromomethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2-Dichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,3-Dichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,4-Dichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1-Dichloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2-Dichloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1-Dichloroethene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
cis-1,2-Dichloroethene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
trans-1,2-Dichloroethene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2-Dichloropropane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,3-Dichloropropane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
2,2-Dichloropropane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1-Dichloropropene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
cis-1,3-Dichloropropene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
trans-1,3-Dichloropropene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Ethylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Hexachlorobutadiene	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
2-Hexanone (MBK)	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Isopropylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
4-Isopropyltoluene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Methyl tert-butyl ether	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Methylene Chloride	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Naphthalene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7D (13)
Date Collected: 07/13/23 07:30
Date Received: 07/13/23 16:24

Lab Sample ID: 620-12752-1
Matrix: Solid
Percent Solids: 92.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Styrene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1,1,2-Tetrachloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1,2,2-Tetrachloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Tetrachloroethene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Toluene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2,3-Trichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2,4-Trichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,3,5-Trichlorobenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1,1-Trichloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,1,2-Trichloroethane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Trichloroethene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Trichlorofluoromethane (Freon 11)	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2,3-Trichloropropane	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,2,4-Trimethylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,3,5-Trimethylbenzene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Vinyl chloride	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
m,p-Xylene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
o-Xylene	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Tetrahydrofuran	ND		0.0107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Ethyl ether	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Tert-amyl methyl ether	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Ethyl tert-butyl ether	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
di-Isopropyl ether	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
tert-Butanol	ND		0.107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,4-Dioxane	ND		0.107		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
trans-1,4-Dichloro-2-butene	ND		0.0266		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Ethanol	ND		1.07		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
1,3-Dichloropropene, Total	ND		0.00533		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1
Xylenes, Total	ND		0.0160		mg/Kg	☼	07/17/23 08:48	07/17/23 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/17/23 08:48*	*07/17/23 16:37*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*07/17/23 08:48*	*07/17/23 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/17/23 08:48*	*07/17/23 16:37*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/17/23 08:48*	*07/17/23 16:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		0.1		%			07/17/23 12:07	1
Percent Solids (EPA Moisture)	**92.9**		0.1		%			07/17/23 12:07	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7S (11)
Lab Sample ID: 620-12752-2
Date Collected: 07/13/23 07:45
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 93.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Acetone	**0.159**		0.0419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Acrylonitrile	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Benzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Bromobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Bromochloromethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Bromodichloromethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Bromoform	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Bromomethane	ND	*-	0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
2-Butanone (MEK)	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
2-Chlorotoluene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
n-Butylbenzene	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
sec-Butylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
tert-Butylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Carbon disulfide	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Carbon tetrachloride	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Chlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Chloroethane	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Chloroform	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Chloromethane	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
4-Chlorotoluene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2-Dibromo-3-Chloropropane	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Dibromochloromethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2-Dibromoethane (EDB)	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Dibromomethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2-Dichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,3-Dichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,4-Dichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1-Dichloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2-Dichloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1-Dichloroethene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
cis-1,2-Dichloroethene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
trans-1,2-Dichloroethene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2-Dichloropropane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,3-Dichloropropane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
2,2-Dichloropropane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1-Dichloropropene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
cis-1,3-Dichloropropene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
trans-1,3-Dichloropropene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Ethylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Hexachlorobutadiene	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
2-Hexanone (MBK)	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Isopropylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
4-Isopropyltoluene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Methyl tert-butyl ether	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Methylene Chloride	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Naphthalene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7S (11)
Date Collected: 07/13/23 07:45
Date Received: 07/13/23 16:24

Lab Sample ID: 620-12752-2
Matrix: Solid
Percent Solids: 93.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Styrene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1,1,2-Tetrachloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1,2,2-Tetrachloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Tetrachloroethene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Toluene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2,3-Trichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2,4-Trichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,3,5-Trichlorobenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1,1-Trichloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,1,2-Trichloroethane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Trichloroethene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Trichlorofluoromethane (Freon 11)	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2,3-Trichloropropane	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,2,4-Trimethylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,3,5-Trimethylbenzene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Vinyl chloride	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
m,p-Xylene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
o-Xylene	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Tetrahydrofuran	ND		0.00837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Ethyl ether	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Tert-amyl methyl ether	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Ethyl tert-butyl ether	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
di-Isopropyl ether	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
tert-Butanol	ND		0.0837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,4-Dioxane	ND		0.0837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
trans-1,4-Dichloro-2-butene	ND		0.0209		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Ethanol	ND		0.837		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
1,3-Dichloropropene, Total	ND		0.00419		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1
Xylenes, Total	ND		0.0126		mg/Kg	☼	07/17/23 08:48	07/17/23 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:02*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:02*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		0.1		%			07/17/23 12:07	1
Percent Solids (EPA Moisture)	**93.3**		0.1		%			07/17/23 12:07	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-8D (13.5)
Lab Sample ID: 620-12752-3
Date Collected: 07/13/23 11:50
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 90.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Acetone	**0.198**	**E**	0.0460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Acrylonitrile	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Benzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Bromobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Bromochloromethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Bromodichloromethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Bromoform	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Bromomethane	ND	*-	0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
2-Butanone (MEK)	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
2-Chlorotoluene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
n-Butylbenzene	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
sec-Butylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
tert-Butylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Carbon disulfide	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Carbon tetrachloride	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Chlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Chloroethane	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Chloroform	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Chloromethane	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
4-Chlorotoluene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2-Dibromo-3-Chloropropane	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Dibromochloromethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2-Dibromoethane (EDB)	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Dibromomethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2-Dichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,3-Dichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,4-Dichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1-Dichloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2-Dichloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1-Dichloroethene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
cis-1,2-Dichloroethene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
trans-1,2-Dichloroethene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2-Dichloropropane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,3-Dichloropropane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
2,2-Dichloropropane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1-Dichloropropene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
cis-1,3-Dichloropropene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
trans-1,3-Dichloropropene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Ethylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Hexachlorobutadiene	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
2-Hexanone (MBK)	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Isopropylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
4-Isopropyltoluene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Methyl tert-butyl ether	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Methylene Chloride	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Naphthalene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-8D (13.5)
Lab Sample ID: 620-12752-3
Date Collected: 07/13/23 11:50
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 90.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Styrene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1,1,2-Tetrachloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1,2,2-Tetrachloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Tetrachloroethene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Toluene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2,3-Trichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2,4-Trichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,3,5-Trichlorobenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1,1-Trichloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,1,2-Trichloroethane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Trichloroethene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Trichlorofluoromethane (Freon 11)	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2,3-Trichloropropane	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,2,4-Trimethylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,3,5-Trimethylbenzene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Vinyl chloride	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
m,p-Xylene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
o-Xylene	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Tetrahydrofuran	ND		0.00920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Ethyl ether	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Tert-amyl methyl ether	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Ethyl tert-butyl ether	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
di-Isopropyl ether	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
tert-Butanol	ND		0.0920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,4-Dioxane	ND		0.0920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
trans-1,4-Dichloro-2-butene	ND		0.0230		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Ethanol	ND		0.920		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
1,3-Dichloropropene, Total	ND		0.00460		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1
Xylenes, Total	ND		0.0138		mg/Kg	☼	07/17/23 08:48	07/17/23 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:28*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:28*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		0.1		%			07/17/23 12:07	1
Percent Solids (EPA Moisture)	**90.2**		0.1		%			07/17/23 12:07	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-8S (11)
Lab Sample ID: 620-12752-4
Date Collected: 07/13/23 12:00
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 88.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Acetone	**0.102**		0.0422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Acrylonitrile	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Benzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Bromobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Bromochloromethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Bromodichloromethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Bromoform	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Bromomethane	ND	*-	0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
2-Butanone (MEK)	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
2-Chlorotoluene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
n-Butylbenzene	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
sec-Butylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
tert-Butylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Carbon disulfide	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Carbon tetrachloride	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Chlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Chloroethane	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Chloroform	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Chloromethane	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
4-Chlorotoluene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2-Dibromo-3-Chloropropane	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Dibromochloromethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2-Dibromoethane (EDB)	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Dibromomethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2-Dichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,3-Dichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,4-Dichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1-Dichloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2-Dichloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1-Dichloroethene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
cis-1,2-Dichloroethene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
trans-1,2-Dichloroethene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2-Dichloropropane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,3-Dichloropropane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
2,2-Dichloropropane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1-Dichloropropene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
cis-1,3-Dichloropropene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
trans-1,3-Dichloropropene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Ethylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Hexachlorobutadiene	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
2-Hexanone (MBK)	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Isopropylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
4-Isopropyltoluene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Methyl tert-butyl ether	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Methylene Chloride	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Naphthalene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-8S (11)
Lab Sample ID: 620-12752-4
Date Collected: 07/13/23 12:00
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 88.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Styrene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1,1,2-Tetrachloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Tetrachloroethene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Toluene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2,3-Trichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2,4-Trichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,3,5-Trichlorobenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1,1-Trichloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,1,2-Trichloroethane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Trichloroethene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Trichlorofluoromethane (Freon 11)	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2,3-Trichloropropane	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,2,4-Trimethylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,3,5-Trimethylbenzene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Vinyl chloride	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
m,p-Xylene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
o-Xylene	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Tetrahydrofuran	ND		0.00843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Ethyl ether	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Tert-amyl methyl ether	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Ethyl tert-butyl ether	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
di-Isopropyl ether	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
tert-Butanol	ND		0.0843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,4-Dioxane	ND		0.0843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
trans-1,4-Dichloro-2-butene	ND		0.0211		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Ethanol	ND		0.843		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
1,3-Dichloropropene, Total	ND		0.00422		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1
Xylenes, Total	ND		0.0126		mg/Kg	☼	07/17/23 08:48	07/17/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:53*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:53*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/17/23 08:48*	*07/17/23 17:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		0.1		%			07/17/23 12:07	1
Percent Solids (EPA Moisture)	**88.5**		0.1		%			07/17/23 12:07	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-12752-1	CS-7D (13)	98	96	100	101
620-12752-2	CS-7S (11)	97	94	96	99
620-12752-3	CS-8D (13.5)	97	95	97	99
620-12752-4	CS-8S (11)	96	95	97	101
LCS 620-24736/1-A	Lab Control Sample	98	96	96	99
LCSD 620-24736/2-A	Lab Control Sample Dup	97	96	96	99
MB 620-24736/3-A	Method Blank	97	95	99	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-24736/3-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24736

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Acetone	ND		0.0500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Acrylonitrile	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Benzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Bromobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Bromochloromethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Bromoform	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Bromomethane	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Carbon disulfide	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Chlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Chloroethane	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Chloroform	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Chloromethane	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Dibromomethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Ethylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Methylene Chloride	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-24736/3-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24736

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Styrene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Toluene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Trichloroethene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Vinyl chloride	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
m,p-Xylene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
o-Xylene	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Ethyl ether	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
tert-Butanol	ND		0.100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,4-Dioxane	ND		0.100		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Ethanol	ND		1.00		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/17/23 08:48	07/17/23 12:56	1
Xylenes, Total	ND		0.0150		mg/Kg		07/17/23 08:48	07/17/23 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/17/23 08:48*	*07/17/23 12:56*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/17/23 08:48*	*07/17/23 12:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*07/17/23 08:48*	*07/17/23 12:56*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/17/23 08:48*	*07/17/23 12:56*	*1*

Lab Sample ID: LCS 620-24736/1-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01650		mg/Kg		83	70 - 130
Acetone	0.0200	0.01744	J	mg/Kg		87	70 - 130
Acrylonitrile	0.0200	0.01688		mg/Kg		84	70 - 130
Benzene	0.0200	0.01674		mg/Kg		84	70 - 130
Bromobenzene	0.0200	0.01815		mg/Kg		91	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24736/1-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01693		mg/Kg		85	70 - 130
Bromodichloromethane	0.0200	0.01678		mg/Kg		84	70 - 130
Bromoform	0.0200	0.01833		mg/Kg		92	70 - 130
Bromomethane	0.0200	0.01303	*-	mg/Kg		65	70 - 130
2-Butanone (MEK)	0.0200	0.01823		mg/Kg		91	70 - 130
2-Chlorotoluene	0.0200	0.01740		mg/Kg		87	70 - 130
n-Butylbenzene	0.0200	0.01947		mg/Kg		97	70 - 130
sec-Butylbenzene	0.0200	0.01845		mg/Kg		92	70 - 130
tert-Butylbenzene	0.0200	0.01746		mg/Kg		87	70 - 130
Carbon disulfide	0.0200	0.01652		mg/Kg		83	70 - 130
Carbon tetrachloride	0.0200	0.01667		mg/Kg		83	70 - 130
Chlorobenzene	0.0200	0.01756		mg/Kg		88	70 - 130
Chloroethane	0.0200	0.01411		mg/Kg		71	70 - 130
Chloroform	0.0200	0.01614		mg/Kg		81	70 - 130
Chloromethane	0.0200	0.01485		mg/Kg		74	70 - 130
4-Chlorotoluene	0.0200	0.01825		mg/Kg		91	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02057		mg/Kg		103	70 - 130
Dibromochloromethane	0.0200	0.01706		mg/Kg		85	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01758		mg/Kg		88	70 - 130
Dibromomethane	0.0200	0.01650		mg/Kg		82	70 - 130
1,2-Dichlorobenzene	0.0200	0.01940		mg/Kg		97	70 - 130
1,3-Dichlorobenzene	0.0200	0.01839		mg/Kg		92	70 - 130
1,4-Dichlorobenzene	0.0200	0.01886		mg/Kg		94	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01451		mg/Kg		73	70 - 130
1,1-Dichloroethane	0.0200	0.01651		mg/Kg		83	70 - 130
1,2-Dichloroethane	0.0200	0.01600		mg/Kg		80	70 - 130
1,1-Dichloroethene	0.0200	0.01650		mg/Kg		82	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01731		mg/Kg		87	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01679		mg/Kg		84	70 - 130
1,2-Dichloropropane	0.0200	0.01715		mg/Kg		86	70 - 130
1,3-Dichloropropane	0.0200	0.01716		mg/Kg		86	70 - 130
2,2-Dichloropropane	0.0200	0.01790		mg/Kg		89	70 - 130
1,1-Dichloropropene	0.0200	0.01720		mg/Kg		86	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01807		mg/Kg		90	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01747		mg/Kg		87	70 - 130
Ethylbenzene	0.0200	0.01761		mg/Kg		88	70 - 130
Hexachlorobutadiene	0.0200	0.02007		mg/Kg		100	70 - 130
2-Hexanone (MBK)	0.0200	0.01784		mg/Kg		89	70 - 130
Isopropylbenzene	0.0200	0.01867		mg/Kg		93	70 - 130
4-Isopropyltoluene	0.0200	0.01999		mg/Kg		100	70 - 130
Methyl tert-butyl ether	0.0200	0.01820		mg/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01734		mg/Kg		87	70 - 130
Methylene Chloride	0.0200	0.01709		mg/Kg		85	70 - 130
Naphthalene	0.0200	0.02403		mg/Kg		120	70 - 130
N-Propylbenzene	0.0200	0.01807		mg/Kg		90	70 - 130
Styrene	0.0200	0.01851		mg/Kg		93	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01781		mg/Kg		89	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01782		mg/Kg		89	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-24736/1-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24736

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene			0.0200	0.01721		mg/Kg		86	70 - 130		
Toluene			0.0200	0.01654		mg/Kg		83	70 - 130		
1,2,3-Trichlorobenzene			0.0200	0.02132		mg/Kg		107	70 - 130		
1,2,4-Trichlorobenzene			0.0200	0.02010		mg/Kg		100	70 - 130		
1,3,5-Trichlorobenzene			0.0200	0.02022		mg/Kg		101	70 - 130		
1,1,1-Trichloroethane			0.0200	0.01651		mg/Kg		83	70 - 130		
1,1,2-Trichloroethane			0.0200	0.01667		mg/Kg		83	70 - 130		
Trichloroethene			0.0200	0.01689		mg/Kg		84	70 - 130		
Trichlorofluoromethane (Freon 11)			0.0200	0.01598		mg/Kg		80	70 - 130		
1,2,3-Trichloropropane			0.0200	0.01753		mg/Kg		88	70 - 130		
1,2,4-Trimethylbenzene			0.0200	0.01849		mg/Kg		92	70 - 130		
1,3,5-Trimethylbenzene			0.0200	0.01811		mg/Kg		91	70 - 130		
Vinyl chloride			0.0200	0.01450		mg/Kg		73	70 - 130		
m,p-Xylene			0.0200	0.01839		mg/Kg		92	70 - 130		
o-Xylene			0.0200	0.01856		mg/Kg		93	70 - 130		
Tetrahydrofuran			0.0200	0.01817		mg/Kg		91	70 - 130		
Ethyl ether			0.0200	0.01678		mg/Kg		84	70 - 130		
Tert-amyl methyl ether			0.0200	0.01855		mg/Kg		93	70 - 130		
Ethyl tert-butyl ether			0.0200	0.01840		mg/Kg		92	70 - 130		
di-Isopropyl ether			0.0200	0.01739		mg/Kg		87	70 - 130		
tert-Butanol			0.200	0.1911		mg/Kg		96	70 - 130		
1,4-Dioxane			0.200	0.2221		mg/Kg		111	70 - 130		
trans-1,4-Dichloro-2-butene			0.0200	0.01694	J	mg/Kg		85	70 - 130		
Ethanol			0.400	0.3292	J	mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 620-24736/2-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24736

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.01612		mg/Kg		81	70 - 130	2	30
Acetone			0.0200	0.01683	J	mg/Kg		84	70 - 130	4	30
Acrylonitrile			0.0200	0.01722		mg/Kg		86	70 - 130	2	30
Benzene			0.0200	0.01651		mg/Kg		83	70 - 130	1	30
Bromobenzene			0.0200	0.01813		mg/Kg		91	70 - 130	0	30
Bromochloromethane			0.0200	0.01699		mg/Kg		85	70 - 130	0	30
Bromodichloromethane			0.0200	0.01648		mg/Kg		82	70 - 130	2	30
Bromoform			0.0200	0.01818		mg/Kg		91	70 - 130	1	30
Bromomethane			0.0200	0.01319	*-	mg/Kg		66	70 - 130	1	30
2-Butanone (MEK)			0.0200	0.01739		mg/Kg		87	70 - 130	5	30
2-Chlorotoluene			0.0200	0.01817		mg/Kg		91	70 - 130	4	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24736/2-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24736

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01885		mg/Kg		94	70 - 130	3	30
sec-Butylbenzene	0.0200	0.01811		mg/Kg		91	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01705		mg/Kg		85	70 - 130	2	30
Carbon disulfide	0.0200	0.01604		mg/Kg		80	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01647		mg/Kg		82	70 - 130	1	30
Chlorobenzene	0.0200	0.01739		mg/Kg		87	70 - 130	1	30
Chloroethane	0.0200	0.01402		mg/Kg		70	70 - 130	1	30
Chloroform	0.0200	0.01595		mg/Kg		80	70 - 130	1	30
Chloromethane	0.0200	0.01440		mg/Kg		72	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01782		mg/Kg		89	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02103		mg/Kg		105	70 - 130	2	30
Dibromochloromethane	0.0200	0.01685		mg/Kg		84	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.01738		mg/Kg		87	70 - 130	1	30
Dibromomethane	0.0200	0.01647		mg/Kg		82	70 - 130	0	30
1,2-Dichlorobenzene	0.0200	0.01924		mg/Kg		96	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.01807		mg/Kg		90	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01836		mg/Kg		92	70 - 130	3	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01363	*-	mg/Kg		68	70 - 130	6	30
1,1-Dichloroethane	0.0200	0.01625		mg/Kg		81	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01590		mg/Kg		80	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.01624		mg/Kg		81	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.01729		mg/Kg		86	70 - 130	0	30
trans-1,2-Dichloroethene	0.0200	0.01683		mg/Kg		84	70 - 130	0	30
1,2-Dichloropropane	0.0200	0.01698		mg/Kg		85	70 - 130	1	30
1,3-Dichloropropane	0.0200	0.01712		mg/Kg		86	70 - 130	0	30
2,2-Dichloropropane	0.0200	0.01764		mg/Kg		88	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01675		mg/Kg		84	70 - 130	3	30
cis-1,3-Dichloropropene	0.0200	0.01785		mg/Kg		89	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01725		mg/Kg		86	70 - 130	1	30
Ethylbenzene	0.0200	0.01723		mg/Kg		86	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.01940		mg/Kg		97	70 - 130	3	30
2-Hexanone (MBK)	0.0200	0.01724		mg/Kg		86	70 - 130	3	30
Isopropylbenzene	0.0200	0.01842		mg/Kg		92	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01934		mg/Kg		97	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.01794		mg/Kg		90	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01756		mg/Kg		88	70 - 130	1	30
Methylene Chloride	0.0200	0.01668		mg/Kg		83	70 - 130	2	30
Naphthalene	0.0200	0.02364		mg/Kg		118	70 - 130	2	30
N-Propylbenzene	0.0200	0.01770		mg/Kg		88	70 - 130	2	30
Styrene	0.0200	0.01838		mg/Kg		92	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.01790		mg/Kg		89	70 - 130	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.01795		mg/Kg		90	70 - 130	1	30
Tetrachloroethene	0.0200	0.01676		mg/Kg		84	70 - 130	3	30
Toluene	0.0200	0.01645		mg/Kg		82	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02126		mg/Kg		106	70 - 130	0	30
1,2,4-Trichlorobenzene	0.0200	0.01967		mg/Kg		98	70 - 130	2	30
1,3,5-Trichlorobenzene	0.0200	0.01986		mg/Kg		99	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.01635		mg/Kg		82	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-24736/2-A
Matrix: Solid
Analysis Batch: 24737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24736

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01651		mg/Kg		83	70 - 130	1	30
Trichloroethene			0.0200	0.01685		mg/Kg		84	70 - 130	0	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01575		mg/Kg		79	70 - 130	1	30
1,2,3-Trichloropropane			0.0200	0.01752		mg/Kg		88	70 - 130	0	30
1,2,4-Trimethylbenzene			0.0200	0.01800		mg/Kg		90	70 - 130	3	30
1,3,5-Trimethylbenzene			0.0200	0.01781		mg/Kg		89	70 - 130	2	30
Vinyl chloride			0.0200	0.01433		mg/Kg		72	70 - 130	1	30
m,p-Xylene			0.0200	0.01791		mg/Kg		90	70 - 130	3	30
o-Xylene			0.0200	0.01843		mg/Kg		92	70 - 130	1	30
Tetrahydrofuran			0.0200	0.01801		mg/Kg		90	70 - 130	1	30
Ethyl ether			0.0200	0.01632		mg/Kg		82	70 - 130	3	30
Tert-amyl methyl ether			0.0200	0.01846		mg/Kg		92	70 - 130	0	30
Ethyl tert-butyl ether			0.0200	0.01805		mg/Kg		90	70 - 130	2	30
di-Isopropyl ether			0.0200	0.01741		mg/Kg		87	70 - 130	0	30
tert-Butanol			0.200	0.1907		mg/Kg		95	70 - 130	0	30
1,4-Dioxane			0.200	0.2158		mg/Kg		108	70 - 130	3	30
trans-1,4-Dichloro-2-butene			0.0200	0.01641	J	mg/Kg		82	70 - 130	3	30
Ethanol			0.400	0.3352	J	mg/Kg		84	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 24682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12752-1	CS-7D (13)	Total/NA	Solid	Frozen Preserve	
620-12752-2	CS-7S (11)	Total/NA	Solid	Frozen Preserve	
620-12752-3	CS-8D (13.5)	Total/NA	Solid	Frozen Preserve	
620-12752-4	CS-8S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 24736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12752-1	CS-7D (13)	Total/NA	Solid	5035	24682
620-12752-2	CS-7S (11)	Total/NA	Solid	5035	24682
620-12752-3	CS-8D (13.5)	Total/NA	Solid	5035	24682
620-12752-4	CS-8S (11)	Total/NA	Solid	5035	24682
MB 620-24736/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-24736/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-24736/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 24737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12752-1	CS-7D (13)	Total/NA	Solid	8260C	24736
620-12752-2	CS-7S (11)	Total/NA	Solid	8260C	24736
620-12752-3	CS-8D (13.5)	Total/NA	Solid	8260C	24736
620-12752-4	CS-8S (11)	Total/NA	Solid	8260C	24736
MB 620-24736/3-A	Method Blank	Total/NA	Solid	8260C	24736
LCS 620-24736/1-A	Lab Control Sample	Total/NA	Solid	8260C	24736
LCSD 620-24736/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	24736

General Chemistry

Analysis Batch: 24749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12752-1	CS-7D (13)	Total/NA	Solid	Moisture	
620-12752-2	CS-7S (11)	Total/NA	Solid	Moisture	
620-12752-3	CS-8D (13.5)	Total/NA	Solid	Moisture	
620-12752-4	CS-8S (11)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-7D (13) — **Lab Sample ID: 620-12752-1**
Date Collected: 07/13/23 07:30 — **Matrix: Solid**
Date Received: 07/13/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24749	DWC	EET NE	07/17/23 12:07

Client Sample ID: CS-7D (13) — **Lab Sample ID: 620-12752-1**
Date Collected: 07/13/23 07:30 — **Matrix: Solid**
Date Received: 07/13/23 16:24 — **Percent Solids: 92.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24682	KFS	EET NE	07/13/23 18:41
Total/NA	Prep	5035			24736	CLR	EET NE	07/17/23 08:48
Total/NA	Analysis	8260C		1	24737	CLR	EET NE	07/17/23 16:37

Client Sample ID: CS-7S (11) — **Lab Sample ID: 620-12752-2**
Date Collected: 07/13/23 07:45 — **Matrix: Solid**
Date Received: 07/13/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24749	DWC	EET NE	07/17/23 12:07

Client Sample ID: CS-7S (11) — **Lab Sample ID: 620-12752-2**
Date Collected: 07/13/23 07:45 — **Matrix: Solid**
Date Received: 07/13/23 16:24 — **Percent Solids: 93.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24682	KFS	EET NE	07/13/23 18:41
Total/NA	Prep	5035			24736	CLR	EET NE	07/17/23 08:48
Total/NA	Analysis	8260C		1	24737	CLR	EET NE	07/17/23 17:02

Client Sample ID: CS-8D (13.5) — **Lab Sample ID: 620-12752-3**
Date Collected: 07/13/23 11:50 — **Matrix: Solid**
Date Received: 07/13/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24749	DWC	EET NE	07/17/23 12:07

Client Sample ID: CS-8D (13.5) — **Lab Sample ID: 620-12752-3**
Date Collected: 07/13/23 11:50 — **Matrix: Solid**
Date Received: 07/13/23 16:24 — **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24682	KFS	EET NE	07/13/23 18:41
Total/NA	Prep	5035			24736	CLR	EET NE	07/17/23 08:48
Total/NA	Analysis	8260C		1	24737	CLR	EET NE	07/17/23 17:28

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-8S (11)
Lab Sample ID: 620-12752-4
Date Collected: 07/13/23 12:00
Matrix: Solid
Date Received: 07/13/23 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	24749	DWC	EET NE	07/17/23 12:07

Client Sample ID: CS-8S (11)
Lab Sample ID: 620-12752-4
Date Collected: 07/13/23 12:00
Matrix: Solid
Date Received: 07/13/23 16:24
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			24682	KFS	EET NE	07/13/23 18:41
Total/NA	Prep	5035			24736	CLR	EET NE	07/17/23 08:48
Total/NA	Analysis	8260C		1	24737	CLR	EET NE	07/17/23 17:53

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12752-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-12752-1	CS-7D (13)	Solid	07/13/23 07:30	07/13/23 16:24
620-12752-2	CS-7S (11)	Solid	07/13/23 07:45	07/13/23 16:24
620-12752-3	CS-8D (13.5)	Solid	07/13/23 11:50	07/13/23 16:24
620-12752-4	CS-8S (11)	Solid	07/13/23 12:00	07/13/23 16:24

1879

CHAIN OF CUSTODY RECORD

Page ___ of ___

620-12752 Chain of Custody

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: ____ 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone # 866-839-5195 ext. 3839
Project Mgr Michael DeGloria

Invoice To GES via e-invoice
ges-invoices@gesonline.com
P O No ____ Quote # ____

Project No 15032708-3001-500
Site Name Eversource Madison AWC
Location 135 New Road State CT
Sampler(s) [signature]

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs via 8260C	List Preservative Code below:	Check if chlorinated
-1	CS-7D(13)	7-13-23	0730	G	SO	3	1			X		☐
-2	CS-7S (11)		0745									☐
-3	CS-8D (13.5)		1150									☐
-4	CS-8S (11)	↓	1200	↓	↓	↓	↓	↓	↓	↓		☐
												☐
												☐
												☐
												☐
												☐

Analysis

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report? ☐ Yes ☐
CT DPH RCP Report? ☑ Yes ☐
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other ____
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]	[signature]	7/13/23	1415	Observed 8.0
[signature]	[signature]	7/13/23	1621	Correction Factor -0.2
				Corrected 1.8

☐ EDD format: ____
☑ E-mail to GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Froz

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camo Ave • North Kingstown, RI 02852

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-12752-1

Login Number: 12752
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

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JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-12935-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

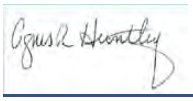
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-12935-1

Laboratory Sample ID(s): 620-12935-1, 620-12935-2

Sampling Date(s): 07/25/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 08/01/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-12935-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-12935-1

Receipt
The samples were received on 7/25/2023 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Method 8260: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analyte (biased high): Dichlorodifluoromethane. (CCVIS 620-25186/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-25186 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-25185/1-A) and (LCSD 620-25185/2-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-25066 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9D (12) **Lab Sample ID: 620-12935-1**

No Detections.

Client Sample ID: CS-9S (10) **Lab Sample ID: 620-12935-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9D (12)
Lab Sample ID: 620-12935-1
Date Collected: 07/25/23 07:35
Matrix: Solid
Date Received: 07/25/23 17:05
Percent Solids: 86.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Acetone	ND		0.0412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Acrylonitrile	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Benzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Bromobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Bromochloromethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Bromodichloromethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Bromoform	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Bromomethane	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
2-Butanone (MEK)	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
2-Chlorotoluene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
n-Butylbenzene	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
sec-Butylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
tert-Butylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Carbon disulfide	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Carbon tetrachloride	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Chlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Chloroethane	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Chloroform	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Chloromethane	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
4-Chlorotoluene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2-Dibromo-3-Chloropropane	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Dibromochloromethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2-Dibromoethane (EDB)	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Dibromomethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2-Dichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,3-Dichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,4-Dichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1-Dichloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2-Dichloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1-Dichloroethene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
cis-1,2-Dichloroethene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
trans-1,2-Dichloroethene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2-Dichloropropane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,3-Dichloropropane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
2,2-Dichloropropane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1-Dichloropropene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
cis-1,3-Dichloropropene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
trans-1,3-Dichloropropene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Ethylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Hexachlorobutadiene	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
2-Hexanone (MBK)	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Isopropylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
4-Isopropyltoluene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Methyl tert-butyl ether	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Methylene Chloride	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Naphthalene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9D (12)
Date Collected: 07/25/23 07:35
Date Received: 07/25/23 17:05

Lab Sample ID: 620-12935-1
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Styrene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1,1,2-Tetrachloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1,2,2-Tetrachloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Tetrachloroethene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Toluene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2,3-Trichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2,4-Trichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,3,5-Trichlorobenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1,1-Trichloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,1,2-Trichloroethane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Trichloroethene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Trichlorofluoromethane (Freon 11)	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2,3-Trichloropropane	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,2,4-Trimethylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,3,5-Trimethylbenzene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Vinyl chloride	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
m,p-Xylene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
o-Xylene	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Tetrahydrofuran	ND		0.00823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Ethyl ether	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Tert-amyl methyl ether	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Ethyl tert-butyl ether	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
di-Isopropyl ether	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
tert-Butanol	ND		0.0823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,4-Dioxane	ND		0.0823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
trans-1,4-Dichloro-2-butene	ND		0.0206		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Ethanol	ND		0.823		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
1,3-Dichloropropene, Total	ND		0.00412		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1
Xylenes, Total	ND		0.0123		mg/Kg	☼	07/31/23 15:32	07/31/23 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/23 15:32*	*07/31/23 16:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*07/31/23 15:32*	*07/31/23 16:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*07/31/23 15:32*	*07/31/23 16:00*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/31/23 15:32*	*07/31/23 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		0.1		%			07/26/23 10:50	1
Percent Solids (EPA Moisture)	**86.4**		0.1		%			07/26/23 10:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9S (10)
Date Collected: 07/25/23 07:45
Date Received: 07/25/23 17:05

Lab Sample ID: 620-12935-2
Matrix: Solid
Percent Solids: 86.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Acetone	ND		0.0426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Acrylonitrile	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Benzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Bromobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Bromochloromethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Bromodichloromethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Bromoform	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Bromomethane	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
2-Butanone (MEK)	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
2-Chlorotoluene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
n-Butylbenzene	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
sec-Butylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
tert-Butylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Carbon disulfide	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Carbon tetrachloride	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Chlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Chloroethane	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Chloroform	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Chloromethane	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
4-Chlorotoluene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2-Dibromo-3-Chloropropane	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Dibromochloromethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2-Dibromoethane (EDB)	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Dibromomethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2-Dichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,3-Dichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,4-Dichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1-Dichloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2-Dichloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1-Dichloroethene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
cis-1,2-Dichloroethene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
trans-1,2-Dichloroethene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2-Dichloropropane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,3-Dichloropropane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
2,2-Dichloropropane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1-Dichloropropene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
cis-1,3-Dichloropropene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
trans-1,3-Dichloropropene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Ethylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Hexachlorobutadiene	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
2-Hexanone (MBK)	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Isopropylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
4-Isopropyltoluene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Methyl tert-butyl ether	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Methylene Chloride	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Naphthalene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9S (10)
Date Collected: 07/25/23 07:45
Date Received: 07/25/23 17:05

Lab Sample ID: 620-12935-2
Matrix: Solid
Percent Solids: 86.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Styrene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1,1,2-Tetrachloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1,2,2-Tetrachloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Tetrachloroethene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Toluene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2,3-Trichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2,4-Trichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,3,5-Trichlorobenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1,1-Trichloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,1,2-Trichloroethane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Trichloroethene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Trichlorofluoromethane (Freon 11)	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2,3-Trichloropropane	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,2,4-Trimethylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,3,5-Trimethylbenzene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Vinyl chloride	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
m,p-Xylene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
o-Xylene	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Tetrahydrofuran	ND		0.00853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Ethyl ether	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Tert-amyl methyl ether	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Ethyl tert-butyl ether	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
di-Isopropyl ether	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
tert-Butanol	ND		0.0853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,4-Dioxane	ND		0.0853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
trans-1,4-Dichloro-2-butene	ND		0.0213		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Ethanol	ND		0.853		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
1,3-Dichloropropene, Total	ND		0.00426		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1
Xylenes, Total	ND		0.0128		mg/Kg	☼	07/31/23 10:26	07/31/23 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 15:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 15:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/31/23 10:26*	*07/31/23 15:11*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/31/23 10:26*	*07/31/23 15:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.4**		0.1		%			07/26/23 10:50	1
Percent Solids (EPA Moisture)	**86.6**		0.1		%			07/26/23 10:50	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-12935-1	CS-9D (12)	98	97	95	101
620-12935-2	CS-9S (10)	98	98	96	101
LCS 620-25185/1-A	Lab Control Sample	98	100	95	100
LCSD 620-25185/2-A	Lab Control Sample Dup	98	99	97	99
MB 620-25185/3-A	Method Blank	98	98	96	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-25185/3-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25185

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Acetone	ND		0.0500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Acrylonitrile	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Benzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromochloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromoform	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromomethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Carbon disulfide	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloroethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloroform	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloromethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dibromomethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Methylene Chloride	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25185/3-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25185

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Styrene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Toluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Trichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Vinyl chloride	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
m,p-Xylene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
o-Xylene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
tert-Butanol	ND		0.100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,4-Dioxane	ND		0.100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethanol	ND		1.00		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Xylenes, Total	ND		0.0150		mg/Kg		07/31/23 10:26	07/31/23 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02093		mg/Kg		105	70 - 130
Acetone	0.0200	0.02163	J	mg/Kg		108	70 - 130
Acrylonitrile	0.0200	0.01989		mg/Kg		99	70 - 130
Benzene	0.0200	0.02049		mg/Kg		102	70 - 130
Bromobenzene	0.0200	0.01993		mg/Kg		100	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02037		mg/Kg		102	70 - 130
Bromodichloromethane	0.0200	0.01942		mg/Kg		97	70 - 130
Bromoform	0.0200	0.01967		mg/Kg		98	70 - 130
Bromomethane	0.0200	0.01947		mg/Kg		97	70 - 130
2-Butanone (MEK)	0.0200	0.02064		mg/Kg		103	70 - 130
2-Chlorotoluene	0.0200	0.02114		mg/Kg		106	70 - 130
n-Butylbenzene	0.0200	0.02196		mg/Kg		110	70 - 130
sec-Butylbenzene	0.0200	0.02111		mg/Kg		106	70 - 130
tert-Butylbenzene	0.0200	0.02162		mg/Kg		108	70 - 130
Carbon disulfide	0.0200	0.02121		mg/Kg		106	70 - 130
Carbon tetrachloride	0.0200	0.01990		mg/Kg		100	70 - 130
Chlorobenzene	0.0200	0.01946		mg/Kg		97	70 - 130
Chloroethane	0.0200	0.02004		mg/Kg		100	70 - 130
Chloroform	0.0200	0.01911		mg/Kg		96	70 - 130
Chloromethane	0.0200	0.02479		mg/Kg		124	70 - 130
4-Chlorotoluene	0.0200	0.02039		mg/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01847		mg/Kg		92	70 - 130
Dibromochloromethane	0.0200	0.01941		mg/Kg		97	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02021		mg/Kg		101	70 - 130
Dibromomethane	0.0200	0.01940		mg/Kg		97	70 - 130
1,2-Dichlorobenzene	0.0200	0.02094		mg/Kg		105	70 - 130
1,3-Dichlorobenzene	0.0200	0.02045		mg/Kg		102	70 - 130
1,4-Dichlorobenzene	0.0200	0.01989		mg/Kg		99	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03462	*+	mg/Kg		173	70 - 130
1,1-Dichloroethane	0.0200	0.01972		mg/Kg		99	70 - 130
1,2-Dichloroethane	0.0200	0.01887		mg/Kg		94	70 - 130
1,1-Dichloroethene	0.0200	0.02127		mg/Kg		106	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02095		mg/Kg		105	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02102		mg/Kg		105	70 - 130
1,2-Dichloropropane	0.0200	0.01951		mg/Kg		98	70 - 130
1,3-Dichloropropane	0.0200	0.02012		mg/Kg		101	70 - 130
2,2-Dichloropropane	0.0200	0.02023		mg/Kg		101	70 - 130
1,1-Dichloropropene	0.0200	0.02105		mg/Kg		105	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02055		mg/Kg		103	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02004		mg/Kg		100	70 - 130
Ethylbenzene	0.0200	0.01998		mg/Kg		100	70 - 130
Hexachlorobutadiene	0.0200	0.02132		mg/Kg		107	70 - 130
2-Hexanone (MBK)	0.0200	0.01790		mg/Kg		90	70 - 130
Isopropylbenzene	0.0200	0.02129		mg/Kg		106	70 - 130
4-Isopropyltoluene	0.0200	0.02250		mg/Kg		112	70 - 130
Methyl tert-butyl ether	0.0200	0.02084		mg/Kg		104	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02029		mg/Kg		101	70 - 130
Methylene Chloride	0.0200	0.02349		mg/Kg		117	70 - 130
Naphthalene	0.0200	0.01998		mg/Kg		100	70 - 130
N-Propylbenzene	0.0200	0.02070		mg/Kg		104	70 - 130
Styrene	0.0200	0.02050		mg/Kg		103	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01900		mg/Kg		95	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01931		mg/Kg		97	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene			0.0200	0.02129		mg/Kg		106	70 - 130		
Toluene			0.0200	0.02018		mg/Kg		101	70 - 130		
1,2,3-Trichlorobenzene			0.0200	0.02137		mg/Kg		107	70 - 130		
1,2,4-Trichlorobenzene			0.0200	0.02057		mg/Kg		103	70 - 130		
1,3,5-Trichlorobenzene			0.0200	0.02131		mg/Kg		107	70 - 130		
1,1,1-Trichloroethane			0.0200	0.01967		mg/Kg		98	70 - 130		
1,1,2-Trichloroethane			0.0200	0.01966		mg/Kg		98	70 - 130		
Trichloroethene			0.0200	0.02017		mg/Kg		101	70 - 130		
Trichlorofluoromethane (Freon 11)			0.0200	0.02076		mg/Kg		104	70 - 130		
1,2,3-Trichloropropane			0.0200	0.01900		mg/Kg		95	70 - 130		
1,2,4-Trimethylbenzene			0.0200	0.02073		mg/Kg		104	70 - 130		
1,3,5-Trimethylbenzene			0.0200	0.02068		mg/Kg		103	70 - 130		
Vinyl chloride			0.0200	0.02231		mg/Kg		112	70 - 130		
m,p-Xylene			0.0200	0.02085		mg/Kg		104	70 - 130		
o-Xylene			0.0200	0.02102		mg/Kg		105	70 - 130		
Tetrahydrofuran			0.0200	0.02044		mg/Kg		102	70 - 130		
Ethyl ether			0.0200	0.02010		mg/Kg		101	70 - 130		
Tert-amyl methyl ether			0.0200	0.02030		mg/Kg		102	70 - 130		
Ethyl tert-butyl ether			0.0200	0.02073		mg/Kg		104	70 - 130		
di-Isopropyl ether			0.0200	0.02060		mg/Kg		103	70 - 130		
tert-Butanol			0.200	0.2063		mg/Kg		103	70 - 130		
1,4-Dioxane			0.200	0.2094		mg/Kg		105	70 - 130		
trans-1,4-Dichloro-2-butene			0.0200	0.01939	J	mg/Kg		97	70 - 130		
Ethanol			0.400	0.3298	J	mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 620-25185/2-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25185

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.02061		mg/Kg		103	70 - 130	2	30
Acetone			0.0200	0.02310	J	mg/Kg		116	70 - 130	7	30
Acrylonitrile			0.0200	0.02113		mg/Kg		106	70 - 130	6	30
Benzene			0.0200	0.02035		mg/Kg		102	70 - 130	1	30
Bromobenzene			0.0200	0.01967		mg/Kg		98	70 - 130	1	30
Bromochloromethane			0.0200	0.01967		mg/Kg		98	70 - 130	4	30
Bromodichloromethane			0.0200	0.01920		mg/Kg		96	70 - 130	1	30
Bromoform			0.0200	0.02001		mg/Kg		100	70 - 130	2	30
Bromomethane			0.0200	0.01850		mg/Kg		92	70 - 130	5	30
2-Butanone (MEK)			0.0200	0.02191		mg/Kg		110	70 - 130	6	30
2-Chlorotoluene			0.0200	0.02094		mg/Kg		105	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25185/2-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 25186
Prep Batch: 25185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02167		mg/Kg		108	70 - 130	1	30
sec-Butylbenzene	0.0200	0.02106		mg/Kg		105	70 - 130	0	30
tert-Butylbenzene	0.0200	0.02135		mg/Kg		107	70 - 130	1	30
Carbon disulfide	0.0200	0.02059		mg/Kg		103	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01955		mg/Kg		98	70 - 130	2	30
Chlorobenzene	0.0200	0.01938		mg/Kg		97	70 - 130	0	30
Chloroethane	0.0200	0.01920		mg/Kg		96	70 - 130	4	30
Chloroform	0.0200	0.01887		mg/Kg		94	70 - 130	1	30
Chloromethane	0.0200	0.02392		mg/Kg		120	70 - 130	4	30
4-Chlorotoluene	0.0200	0.02019		mg/Kg		101	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01978		mg/Kg		99	70 - 130	7	30
Dibromochloromethane	0.0200	0.01908		mg/Kg		95	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.02014		mg/Kg		101	70 - 130	0	30
Dibromomethane	0.0200	0.01902		mg/Kg		95	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.02071		mg/Kg		104	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.02009		mg/Kg		100	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01996		mg/Kg		100	70 - 130	0	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03354	*+	mg/Kg		168	70 - 130	3	30
1,1-Dichloroethane	0.0200	0.01930		mg/Kg		97	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01869		mg/Kg		93	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.02079		mg/Kg		104	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.02057		mg/Kg		103	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.02039		mg/Kg		102	70 - 130	3	30
1,2-Dichloropropane	0.0200	0.01955		mg/Kg		98	70 - 130	0	30
1,3-Dichloropropane	0.0200	0.01998		mg/Kg		100	70 - 130	1	30
2,2-Dichloropropane	0.0200	0.01999		mg/Kg		100	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.02089		mg/Kg		104	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.02033		mg/Kg		102	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.02012		mg/Kg		101	70 - 130	0	30
Ethylbenzene	0.0200	0.02011		mg/Kg		101	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02161		mg/Kg		108	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01875		mg/Kg		94	70 - 130	5	30
Isopropylbenzene	0.0200	0.02111		mg/Kg		106	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.02219		mg/Kg		111	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.02063		mg/Kg		103	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02080		mg/Kg		104	70 - 130	3	30
Methylene Chloride	0.0200	0.02273		mg/Kg		114	70 - 130	3	30
Naphthalene	0.0200	0.02092		mg/Kg		105	70 - 130	5	30
N-Propylbenzene	0.0200	0.02048		mg/Kg		102	70 - 130	1	30
Styrene	0.0200	0.02041		mg/Kg		102	70 - 130	0	30
1,1,1,2-Tetrachloroethane	0.0200	0.01919		mg/Kg		96	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.01958		mg/Kg		98	70 - 130	1	30
Tetrachloroethene	0.0200	0.02110		mg/Kg		106	70 - 130	1	30
Toluene	0.0200	0.02001		mg/Kg		100	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02210		mg/Kg		110	70 - 130	3	30
1,2,4-Trichlorobenzene	0.0200	0.02082		mg/Kg		104	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.02101		mg/Kg		105	70 - 130	1	30
1,1,1-Trichloroethane	0.0200	0.01974		mg/Kg		99	70 - 130	0	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25185/2-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25185

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01947		mg/Kg		97	70 - 130	1	30
Trichloroethene			0.0200	0.02012		mg/Kg		101	70 - 130	0	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02025		mg/Kg		101	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.01954		mg/Kg		98	70 - 130	3	30
1,2,4-Trimethylbenzene			0.0200	0.02057		mg/Kg		103	70 - 130	1	30
1,3,5-Trimethylbenzene			0.0200	0.02057		mg/Kg		103	70 - 130	1	30
Vinyl chloride			0.0200	0.02169		mg/Kg		108	70 - 130	3	30
m,p-Xylene			0.0200	0.02083		mg/Kg		104	70 - 130	0	30
o-Xylene			0.0200	0.02095		mg/Kg		105	70 - 130	0	30
Tetrahydrofuran			0.0200	0.02075		mg/Kg		104	70 - 130	1	30
Ethyl ether			0.0200	0.01980		mg/Kg		99	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.01998		mg/Kg		100	70 - 130	2	30
Ethyl tert-butyl ether			0.0200	0.02036		mg/Kg		102	70 - 130	2	30
di-Isopropyl ether			0.0200	0.02014		mg/Kg		101	70 - 130	2	30
tert-Butanol			0.200	0.2190		mg/Kg		110	70 - 130	6	30
1,4-Dioxane			0.200	0.2122		mg/Kg		106	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.01891	J	mg/Kg		95	70 - 130	2	30
Ethanol			0.400	0.3278	J	mg/Kg		82	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 620-12935-1 DU
Matrix: Solid
Analysis Batch: 25066

Client Sample ID: CS-9D (12)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.6			12.0	F3	%				13	5
Percent Solids	86.4			88.0		%				2	5

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 25045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12935-1	CS-9D (12)	Total/NA	Solid	Frozen Preserve	
620-12935-2	CS-9S (10)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 25185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12935-1	CS-9D (12)	Total/NA	Solid	5035	25045
620-12935-2	CS-9S (10)	Total/NA	Solid	5035	25045
MB 620-25185/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-25185/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-25185/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 25186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12935-1	CS-9D (12)	Total/NA	Solid	8260C	25185
620-12935-2	CS-9S (10)	Total/NA	Solid	8260C	25185
MB 620-25185/3-A	Method Blank	Total/NA	Solid	8260C	25185
LCS 620-25185/1-A	Lab Control Sample	Total/NA	Solid	8260C	25185
LCSD 620-25185/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	25185

General Chemistry

Analysis Batch: 25066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-12935-1	CS-9D (12)	Total/NA	Solid	Moisture	
620-12935-2	CS-9S (10)	Total/NA	Solid	Moisture	
620-12935-1 DU	CS-9D (12)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-9D (12)
Date Collected: 07/25/23 07:35
Date Received: 07/25/23 17:05
Lab Sample ID: 620-12935-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25066	DWC	EET NE	07/26/23 10:50

Client Sample ID: CS-9D (12)
Date Collected: 07/25/23 07:35
Date Received: 07/25/23 17:05
Lab Sample ID: 620-12935-1
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25045	KFS	EET NE	07/25/23 18:25
Total/NA	Prep	5035			25185	CLR	EET NE	07/31/23 15:32
Total/NA	Analysis	8260C		1	25186	CLR	EET NE	07/31/23 16:00

Client Sample ID: CS-9S (10)
Date Collected: 07/25/23 07:45
Date Received: 07/25/23 17:05
Lab Sample ID: 620-12935-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25066	DWC	EET NE	07/26/23 10:50

Client Sample ID: CS-9S (10)
Date Collected: 07/25/23 07:45
Date Received: 07/25/23 17:05
Lab Sample ID: 620-12935-2
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25045	KFS	EET NE	07/25/23 18:25
Total/NA	Prep	5035			25185	CLR	EET NE	07/31/23 10:26
Total/NA	Analysis	8260C		1	25186	CLR	EET NE	07/31/23 15:11

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-12935-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-12935-1	CS-9D (12)	Solid	07/25/23 07:35	07/25/23 17:05
620-12935-2	CS-9S (10)	Solid	07/25/23 07:45	07/25/23 17:05

620-12935 Chain of Custody

ent Testing and

12935

CHAIN OF CUSTODY RECORD

Page ____ of ____

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To. GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone # 866-839-5195 ext. 3839
Project Mgr Michael DeGloria

Invoice To. GES via e-invoice
ges-invoices@gesonline.com
P O No ____ Quote #: ____

Project No: 1503708-3001-500
Site Name. Eversource Madison AWC
Location. 135 New Road State: CT
Sampler(s) Don Cusick

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-9D(12)	7-25-23	0735	G	SO	3			1	X	☐
-2	CS-9S(10)	7-25-23	0745	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: ____
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:
		7/25/23	1345
		7/25/23	17:05

Temp °C: Observed 2.2; Correction Factor -0.2; Corrected 2.0; Therm ID: IR-6

☐ EDD format: ____
☑ E-mail to GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown RI 02852

www.EurofinsUS.com/Spectrum

Rev. Jan 2020

PROJECT COMMUNICATION FORM

Client Name: Eversrouce

Project Name: Madison AWC ***Project Number:***

Project Manager: Michael DeGloria ***Contact info:*** 845-661-4180

Field Manager: Don Custer 203-232-4320

Sample Matrix: ■ groundwater or surface water, ■ soil, ☐ sediment, ☐ drinking water, ☐ air, ☐ other

RCP Analyses/Methods:

■ VOC 8260, ☐ VOC 8021, ☐ Aromatics 8021/8260,

☐ Halocarbons 8021/8260, ☐ Pesticides 8081, ☐ PCB 8082, ☐ PAH 8270,

☐ SVOC 8270, ☐ RCRA 8 Metals, ☐ PP13 Metals, ☐ RSR 15 Metals

☐ CTDPH ETPH, ☐ Other tests:

TAT Required: Standard: ☐ Other: ☑ 24 hour

Constituents of Concern: Please *note any known or suspected contaminants in high concentrations or any non-standard analytes not contained in routine target lists (see notes).*

Gasoline

Regulatory Criteria:

■ Residential Direct Exposure Criteria, ☐ Industrial/Commercial Direct Exposure Criteria,

■ GA Pollutant Mobility Criteria, ☐ GB Pollutant Mobility Criteria, ☐ Other:

■ Groundwater Protection Criteria, ■ Surface Water Protection Criteria, ☐ Aquatic Life Criteria (specify applicable criteria below) ☐ Other:

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-12935-1

Login Number: 12935
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

From:	Agnes Huntley
To:	Michael C. DeGloria; Global: GES Inbox
Subject:	Eurofins Environment Testing Northeast, LLC EDD and report files from 620-13019-1 Eversource Madison CT Area Work Center -
Date:	Wednesday, August 2, 2023 3:27:15 PM
Attachments:	Eversource Madison CT Area Work Center - _620-13019-1_LNOTE.txt Eversource Madison CT Area Work Center - _620-13019-1_SAMPDATA.txt J13019-1 UDS Level 2 Report Final Report.pdf Eversource Madison CT Area Work Center --620-13019-1.31700.EQEDD.zip Eversource Madison CT Area Work Center - _620-13019-1_QCDATA.txt

---

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hello,

Attached please find the EDD and report files for job 620-13019-1; Eversource Madison CT Area Work Center -

Please feel free to contact me if you have any questions.

Thank you.

Agnes R Huntley
Project Manager

Eurofins New England
Phone: 401-372-3482

E-mail: Agnes.Huntley@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [620-041848]
Attachments: 5

Eurofins Environment Testing New England is pleased to provide access to our on-line data management tool, TotalAccess. With TotalAccess, clients have secure 24/7 access to sample results, data reports, EDDs, invoices, and other data management tools. Please go to https://secure.testamericainc.com/totalaccess and sign up for TotalAccess.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 8/2/2023 3:20:27 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13019-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

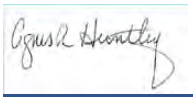
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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8/2/2023 3:20:27 PM

Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13019-1

Laboratory Sample ID(s): 620-13019-1, 620-13019-2

Sampling Date(s): 07/28/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 08/02/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13019-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13019-1

Receipt
The samples were received on 7/28/2023 3:08 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8º C.

GC/MS VOA
Method 8260: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analyte (biased high): Dichlorodifluoromethane. (CCVIS 620-25186/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-25186 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-25185/1-A) and (LCSD 620-25185/2-A).

Method 8260: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane and Methylene chloride.
(CCVIS 620-25268/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-25268 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-25279/1-A) and (LCSD 620-25279/2-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10S (12)
Lab Sample ID: 620-13019-1

No Detections.

Client Sample ID: CS-10D (13.5)
Lab Sample ID: 620-13019-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.00509		0.00472		mg/Kg	1	☼	8260C	Total/NA
1,2,4-Trimethylbenzene	0.0156		0.00472		mg/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	0.00596		0.00472		mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10S (12)
Date Collected: 07/28/23 09:10
Date Received: 07/28/23 15:08

Lab Sample ID: 620-13019-1
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Acetone	ND		0.0456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Acrylonitrile	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Benzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Bromobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Bromochloromethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Bromodichloromethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Bromoform	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Bromomethane	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
2-Butanone (MEK)	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
2-Chlorotoluene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
n-Butylbenzene	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
sec-Butylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
tert-Butylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Carbon disulfide	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Carbon tetrachloride	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Chlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Chloroethane	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Chloroform	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Chloromethane	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
4-Chlorotoluene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2-Dibromo-3-Chloropropane	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Dibromochloromethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2-Dibromoethane (EDB)	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Dibromomethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2-Dichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,3-Dichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,4-Dichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1-Dichloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2-Dichloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1-Dichloroethene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
cis-1,2-Dichloroethene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
trans-1,2-Dichloroethene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2-Dichloropropane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,3-Dichloropropane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
2,2-Dichloropropane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1-Dichloropropene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
cis-1,3-Dichloropropene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
trans-1,3-Dichloropropene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Ethylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Hexachlorobutadiene	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
2-Hexanone (MBK)	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Isopropylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
4-Isopropyltoluene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Methyl tert-butyl ether	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Methylene Chloride	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Naphthalene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10S (12)
Date Collected: 07/28/23 09:10
Date Received: 07/28/23 15:08

Lab Sample ID: 620-13019-1
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Styrene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1,1,2-Tetrachloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1,2,2-Tetrachloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Tetrachloroethene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Toluene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2,3-Trichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2,4-Trichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,3,5-Trichlorobenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1,1-Trichloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,1,2-Trichloroethane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Trichloroethene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Trichlorofluoromethane (Freon 11)	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2,3-Trichloropropane	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,2,4-Trimethylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,3,5-Trimethylbenzene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Vinyl chloride	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
m,p-Xylene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
o-Xylene	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Tetrahydrofuran	ND		0.00911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Ethyl ether	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Tert-amyl methyl ether	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Ethyl tert-butyl ether	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
di-Isopropyl ether	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
tert-Butanol	ND		0.0911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,4-Dioxane	ND		0.0911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
trans-1,4-Dichloro-2-butene	ND		0.0228		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Ethanol	ND		0.911		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
1,3-Dichloropropene, Total	ND		0.00456		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1
Xylenes, Total	ND		0.0137		mg/Kg	☼	08/02/23 12:18	08/02/23 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/02/23 12:18*	*08/02/23 13:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/02/23 12:18*	*08/02/23 13:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/02/23 12:18*	*08/02/23 13:21*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*08/02/23 12:18*	*08/02/23 13:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.3**		0.1		%			07/31/23 11:53	1
Percent Solids (EPA Moisture)	**87.7**		0.1		%			07/31/23 11:53	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10D (13.5)
Lab Sample ID: 620-13019-2
Date Collected: 07/28/23 09:25
Matrix: Solid
Date Received: 07/28/23 15:08
Percent Solids: 87.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Acetone	ND		0.0472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Acrylonitrile	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Benzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Bromobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Bromochloromethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Bromodichloromethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Bromoform	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Bromomethane	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
2-Butanone (MEK)	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
2-Chlorotoluene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
n-Butylbenzene	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
sec-Butylbenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
tert-Butylbenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Carbon disulfide	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Carbon tetrachloride	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Chlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Chloroethane	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Chloroform	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Chloromethane	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
4-Chlorotoluene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2-Dibromo-3-Chloropropane	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Dibromochloromethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2-Dibromoethane (EDB)	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Dibromomethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2-Dichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,3-Dichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,4-Dichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1-Dichloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2-Dichloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1-Dichloroethene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
cis-1,2-Dichloroethene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
trans-1,2-Dichloroethene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2-Dichloropropane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,3-Dichloropropane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
2,2-Dichloropropane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1-Dichloropropene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
cis-1,3-Dichloropropene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
trans-1,3-Dichloropropene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Ethylbenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Hexachlorobutadiene	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
2-Hexanone (MBK)	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Isopropylbenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
4-Isopropyltoluene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Methyl tert-butyl ether	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Methylene Chloride	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Naphthalene	**0.00509**		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10D (13.5)
Lab Sample ID: 620-13019-2
Date Collected: 07/28/23 09:25
Matrix: Solid
Date Received: 07/28/23 15:08
Percent Solids: 87.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Styrene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1,1,2-Tetrachloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1,2,2-Tetrachloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Tetrachloroethene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Toluene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2,3-Trichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2,4-Trichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,3,5-Trichlorobenzene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1,1-Trichloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,1,2-Trichloroethane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Trichloroethene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Trichlorofluoromethane (Freon 11)	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2,3-Trichloropropane	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,2,4-Trimethylbenzene	**0.0156**		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,3,5-Trimethylbenzene	**0.00596**		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Vinyl chloride	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
m,p-Xylene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
o-Xylene	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Tetrahydrofuran	ND		0.00943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Ethyl ether	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Tert-amyl methyl ether	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Ethyl tert-butyl ether	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
di-Isopropyl ether	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
tert-Butanol	ND		0.0943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,4-Dioxane	ND		0.0943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
trans-1,4-Dichloro-2-butene	ND		0.0236		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Ethanol	ND		0.943		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
1,3-Dichloropropene, Total	ND		0.00472		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1
Xylenes, Total	ND		0.0142		mg/Kg	☼	07/31/23 10:26	07/31/23 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/31/23 10:26*	*07/31/23 20:13*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*07/31/23 10:26*	*07/31/23 20:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/31/23 10:26*	*07/31/23 20:13*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*07/31/23 10:26*	*07/31/23 20:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.8**		0.1		%			07/31/23 11:53	1
Percent Solids (EPA Moisture)	**87.2**		0.1		%			07/31/23 11:53	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13019-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13019-1	CS-10S (12)	101	100	101	104
620-13019-2	CS-10D (13.5)	99	100	100	103
LCS 620-25185/1-A	Lab Control Sample	98	100	95	100
LCS 620-25279/1-A	Lab Control Sample	100	103	99	104
LCSD 620-25185/2-A	Lab Control Sample Dup	98	99	97	99
LCSD 620-25279/2-A	Lab Control Sample Dup	100	102	100	103
MB 620-25185/3-A	Method Blank	98	98	96	98
MB 620-25279/3-A	Method Blank	99	100	101	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-25185/3-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25185

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Acetone	ND		0.0500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Acrylonitrile	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Benzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromochloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromodichloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromoform	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Bromomethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Chlorotoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
n-Butylbenzene	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
sec-Butylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
tert-Butylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Carbon disulfide	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Carbon tetrachloride	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloroethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloroform	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Chloromethane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Chlorotoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dibromochloromethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dibromomethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Isopropylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Methylene Chloride	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25185/3-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25185

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
N-Propylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Styrene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tetrachloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Toluene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Trichloroethene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Vinyl chloride	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
m,p-Xylene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
o-Xylene	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tetrahydrofuran	ND		0.0100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
di-Isopropyl ether	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
tert-Butanol	ND		0.100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,4-Dioxane	ND		0.100		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Ethanol	ND		1.00		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		07/31/23 10:26	07/31/23 13:17	1
Xylenes, Total	ND		0.0150		mg/Kg		07/31/23 10:26	07/31/23 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*07/31/23 10:26*	*07/31/23 13:17*	*1*

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02093		mg/Kg		105	70 - 130
Acetone	0.0200	0.02163	J	mg/Kg		108	70 - 130
Acrylonitrile	0.0200	0.01989		mg/Kg		99	70 - 130
Benzene	0.0200	0.02049		mg/Kg		102	70 - 130
Bromobenzene	0.0200	0.01993		mg/Kg		100	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02037		mg/Kg		102	70 - 130
Bromodichloromethane	0.0200	0.01942		mg/Kg		97	70 - 130
Bromoform	0.0200	0.01967		mg/Kg		98	70 - 130
Bromomethane	0.0200	0.01947		mg/Kg		97	70 - 130
2-Butanone (MEK)	0.0200	0.02064		mg/Kg		103	70 - 130
2-Chlorotoluene	0.0200	0.02114		mg/Kg		106	70 - 130
n-Butylbenzene	0.0200	0.02196		mg/Kg		110	70 - 130
sec-Butylbenzene	0.0200	0.02111		mg/Kg		106	70 - 130
tert-Butylbenzene	0.0200	0.02162		mg/Kg		108	70 - 130
Carbon disulfide	0.0200	0.02121		mg/Kg		106	70 - 130
Carbon tetrachloride	0.0200	0.01990		mg/Kg		100	70 - 130
Chlorobenzene	0.0200	0.01946		mg/Kg		97	70 - 130
Chloroethane	0.0200	0.02004		mg/Kg		100	70 - 130
Chloroform	0.0200	0.01911		mg/Kg		96	70 - 130
Chloromethane	0.0200	0.02479		mg/Kg		124	70 - 130
4-Chlorotoluene	0.0200	0.02039		mg/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01847		mg/Kg		92	70 - 130
Dibromochloromethane	0.0200	0.01941		mg/Kg		97	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02021		mg/Kg		101	70 - 130
Dibromomethane	0.0200	0.01940		mg/Kg		97	70 - 130
1,2-Dichlorobenzene	0.0200	0.02094		mg/Kg		105	70 - 130
1,3-Dichlorobenzene	0.0200	0.02045		mg/Kg		102	70 - 130
1,4-Dichlorobenzene	0.0200	0.01989		mg/Kg		99	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03462	*+	mg/Kg		173	70 - 130
1,1-Dichloroethane	0.0200	0.01972		mg/Kg		99	70 - 130
1,2-Dichloroethane	0.0200	0.01887		mg/Kg		94	70 - 130
1,1-Dichloroethene	0.0200	0.02127		mg/Kg		106	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02095		mg/Kg		105	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02102		mg/Kg		105	70 - 130
1,2-Dichloropropane	0.0200	0.01951		mg/Kg		98	70 - 130
1,3-Dichloropropane	0.0200	0.02012		mg/Kg		101	70 - 130
2,2-Dichloropropane	0.0200	0.02023		mg/Kg		101	70 - 130
1,1-Dichloropropene	0.0200	0.02105		mg/Kg		105	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02055		mg/Kg		103	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02004		mg/Kg		100	70 - 130
Ethylbenzene	0.0200	0.01998		mg/Kg		100	70 - 130
Hexachlorobutadiene	0.0200	0.02132		mg/Kg		107	70 - 130
2-Hexanone (MBK)	0.0200	0.01790		mg/Kg		90	70 - 130
Isopropylbenzene	0.0200	0.02129		mg/Kg		106	70 - 130
4-Isopropyltoluene	0.0200	0.02250		mg/Kg		112	70 - 130
Methyl tert-butyl ether	0.0200	0.02084		mg/Kg		104	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02029		mg/Kg		101	70 - 130
Methylene Chloride	0.0200	0.02349		mg/Kg		117	70 - 130
Naphthalene	0.0200	0.01998		mg/Kg		100	70 - 130
N-Propylbenzene	0.0200	0.02070		mg/Kg		104	70 - 130
Styrene	0.0200	0.02050		mg/Kg		103	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01900		mg/Kg		95	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01931		mg/Kg		97	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25185/1-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02129		mg/Kg		106	70 - 130
Toluene	0.0200	0.02018		mg/Kg		101	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02137		mg/Kg		107	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02057		mg/Kg		103	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02131		mg/Kg		107	70 - 130
1,1,1-Trichloroethane	0.0200	0.01967		mg/Kg		98	70 - 130
1,1,2-Trichloroethane	0.0200	0.01966		mg/Kg		98	70 - 130
Trichloroethene	0.0200	0.02017		mg/Kg		101	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02076		mg/Kg		104	70 - 130
1,2,3-Trichloropropane	0.0200	0.01900		mg/Kg		95	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02073		mg/Kg		104	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02068		mg/Kg		103	70 - 130
Vinyl chloride	0.0200	0.02231		mg/Kg		112	70 - 130
m,p-Xylene	0.0200	0.02085		mg/Kg		104	70 - 130
o-Xylene	0.0200	0.02102		mg/Kg		105	70 - 130
Tetrahydrofuran	0.0200	0.02044		mg/Kg		102	70 - 130
Ethyl ether	0.0200	0.02010		mg/Kg		101	70 - 130
Tert-amyl methyl ether	0.0200	0.02030		mg/Kg		102	70 - 130
Ethyl tert-butyl ether	0.0200	0.02073		mg/Kg		104	70 - 130
di-Isopropyl ether	0.0200	0.02060		mg/Kg		103	70 - 130
tert-Butanol	0.200	0.2063		mg/Kg		103	70 - 130
1,4-Dioxane	0.200	0.2094		mg/Kg		105	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01939	J	mg/Kg		97	70 - 130
Ethanol	0.400	0.3298	J	mg/Kg		82	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 620-25185/2-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02061		mg/Kg		103	70 - 130	2	30
Acetone	0.0200	0.02310	J	mg/Kg		116	70 - 130	7	30
Acrylonitrile	0.0200	0.02113		mg/Kg		106	70 - 130	6	30
Benzene	0.0200	0.02035		mg/Kg		102	70 - 130	1	30
Bromobenzene	0.0200	0.01967		mg/Kg		98	70 - 130	1	30
Bromochloromethane	0.0200	0.01967		mg/Kg		98	70 - 130	4	30
Bromodichloromethane	0.0200	0.01920		mg/Kg		96	70 - 130	1	30
Bromoform	0.0200	0.02001		mg/Kg		100	70 - 130	2	30
Bromomethane	0.0200	0.01850		mg/Kg		92	70 - 130	5	30
2-Butanone (MEK)	0.0200	0.02191		mg/Kg		110	70 - 130	6	30
2-Chlorotoluene	0.0200	0.02094		mg/Kg		105	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25185/2-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02167		mg/Kg		108	70 - 130	1	30
sec-Butylbenzene	0.0200	0.02106		mg/Kg		105	70 - 130	0	30
tert-Butylbenzene	0.0200	0.02135		mg/Kg		107	70 - 130	1	30
Carbon disulfide	0.0200	0.02059		mg/Kg		103	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01955		mg/Kg		98	70 - 130	2	30
Chlorobenzene	0.0200	0.01938		mg/Kg		97	70 - 130	0	30
Chloroethane	0.0200	0.01920		mg/Kg		96	70 - 130	4	30
Chloroform	0.0200	0.01887		mg/Kg		94	70 - 130	1	30
Chloromethane	0.0200	0.02392		mg/Kg		120	70 - 130	4	30
4-Chlorotoluene	0.0200	0.02019		mg/Kg		101	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01978		mg/Kg		99	70 - 130	7	30
Dibromochloromethane	0.0200	0.01908		mg/Kg		95	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.02014		mg/Kg		101	70 - 130	0	30
Dibromomethane	0.0200	0.01902		mg/Kg		95	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.02071		mg/Kg		104	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.02009		mg/Kg		100	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01996		mg/Kg		100	70 - 130	0	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03354	*+	mg/Kg		168	70 - 130	3	30
1,1-Dichloroethane	0.0200	0.01930		mg/Kg		97	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01869		mg/Kg		93	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.02079		mg/Kg		104	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.02057		mg/Kg		103	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.02039		mg/Kg		102	70 - 130	3	30
1,2-Dichloropropane	0.0200	0.01955		mg/Kg		98	70 - 130	0	30
1,3-Dichloropropane	0.0200	0.01998		mg/Kg		100	70 - 130	1	30
2,2-Dichloropropane	0.0200	0.01999		mg/Kg		100	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.02089		mg/Kg		104	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.02033		mg/Kg		102	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.02012		mg/Kg		101	70 - 130	0	30
Ethylbenzene	0.0200	0.02011		mg/Kg		101	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02161		mg/Kg		108	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01875		mg/Kg		94	70 - 130	5	30
Isopropylbenzene	0.0200	0.02111		mg/Kg		106	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.02219		mg/Kg		111	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.02063		mg/Kg		103	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02080		mg/Kg		104	70 - 130	3	30
Methylene Chloride	0.0200	0.02273		mg/Kg		114	70 - 130	3	30
Naphthalene	0.0200	0.02092		mg/Kg		105	70 - 130	5	30
N-Propylbenzene	0.0200	0.02048		mg/Kg		102	70 - 130	1	30
Styrene	0.0200	0.02041		mg/Kg		102	70 - 130	0	30
1,1,1,2-Tetrachloroethane	0.0200	0.01919		mg/Kg		96	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.01958		mg/Kg		98	70 - 130	1	30
Tetrachloroethene	0.0200	0.02110		mg/Kg		106	70 - 130	1	30
Toluene	0.0200	0.02001		mg/Kg		100	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02210		mg/Kg		110	70 - 130	3	30
1,2,4-Trichlorobenzene	0.0200	0.02082		mg/Kg		104	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.02101		mg/Kg		105	70 - 130	1	30
1,1,1-Trichloroethane	0.0200	0.01974		mg/Kg		99	70 - 130	0	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25185/2-A
Matrix: Solid
Analysis Batch: 25186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25185

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01947		mg/Kg		97	70 - 130	1	30
Trichloroethene			0.0200	0.02012		mg/Kg		101	70 - 130	0	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02025		mg/Kg		101	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.01954		mg/Kg		98	70 - 130	3	30
1,2,4-Trimethylbenzene			0.0200	0.02057		mg/Kg		103	70 - 130	1	30
1,3,5-Trimethylbenzene			0.0200	0.02057		mg/Kg		103	70 - 130	1	30
Vinyl chloride			0.0200	0.02169		mg/Kg		108	70 - 130	3	30
m,p-Xylene			0.0200	0.02083		mg/Kg		104	70 - 130	0	30
o-Xylene			0.0200	0.02095		mg/Kg		105	70 - 130	0	30
Tetrahydrofuran			0.0200	0.02075		mg/Kg		104	70 - 130	1	30
Ethyl ether			0.0200	0.01980		mg/Kg		99	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.01998		mg/Kg		100	70 - 130	2	30
Ethyl tert-butyl ether			0.0200	0.02036		mg/Kg		102	70 - 130	2	30
di-Isopropyl ether			0.0200	0.02014		mg/Kg		101	70 - 130	2	30
tert-Butanol			0.200	0.2190		mg/Kg		110	70 - 130	6	30
1,4-Dioxane			0.200	0.2122		mg/Kg		106	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.01891	J	mg/Kg		95	70 - 130	2	30
Ethanol			0.400	0.3278	J	mg/Kg		82	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 620-25279/3-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25279

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Acetone	ND		0.0500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Acrylonitrile	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Benzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Bromobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Bromochloromethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Bromoform	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Bromomethane	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Carbon disulfide	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Chlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25279/3-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25279

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Chloroform	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Chloromethane	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Dibromomethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Ethylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Methylene Chloride	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Naphthalene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Styrene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Toluene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Trichloroethene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Vinyl chloride	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13019-1

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25279/3-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25279

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
o-Xylene	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Ethyl ether	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
tert-Butanol	ND		0.100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,4-Dioxane	ND		0.100		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Ethanol	ND		1.00		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/02/23 10:00	08/02/23 12:56	1
Xylenes, Total	ND		0.0150		mg/Kg		08/02/23 10:00	08/02/23 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/02/23 10:00*	*08/02/23 12:56*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/02/23 10:00*	*08/02/23 12:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/02/23 10:00*	*08/02/23 12:56*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*08/02/23 10:00*	*08/02/23 12:56*	*1*

Lab Sample ID: LCS 620-25279/1-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02243		mg/Kg		112	70 - 130
Acetone	0.0200	0.02037	J	mg/Kg		102	70 - 130
Acrylonitrile	0.0200	0.02094		mg/Kg		105	70 - 130
Benzene	0.0200	0.02092		mg/Kg		105	70 - 130
Bromobenzene	0.0200	0.01985		mg/Kg		99	70 - 130
Bromochloromethane	0.0200	0.02188		mg/Kg		109	70 - 130
Bromodichloromethane	0.0200	0.02062		mg/Kg		103	70 - 130
Bromoform	0.0200	0.01986		mg/Kg		99	70 - 130
Bromomethane	0.0200	0.02059		mg/Kg		103	70 - 130
2-Butanone (MEK)	0.0200	0.02121		mg/Kg		106	70 - 130
2-Chlorotoluene	0.0200	0.02096		mg/Kg		105	70 - 130
n-Butylbenzene	0.0200	0.02063		mg/Kg		103	70 - 130
sec-Butylbenzene	0.0200	0.02136		mg/Kg		107	70 - 130
tert-Butylbenzene	0.0200	0.02285		mg/Kg		114	70 - 130
Carbon disulfide	0.0200	0.02202		mg/Kg		110	70 - 130
Carbon tetrachloride	0.0200	0.02184		mg/Kg		109	70 - 130
Chlorobenzene	0.0200	0.01952		mg/Kg		98	70 - 130
Chloroethane	0.0200	0.02219		mg/Kg		111	70 - 130
Chloroform	0.0200	0.02067		mg/Kg		103	70 - 130
Chloromethane	0.0200	0.02420		mg/Kg		121	70 - 130
4-Chlorotoluene	0.0200	0.02047		mg/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01697		mg/Kg		85	70 - 130
Dibromochloromethane	0.0200	0.02058		mg/Kg		103	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25279/1-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.02084		mg/Kg		104	70 - 130
Dibromomethane	0.0200	0.02037		mg/Kg		102	70 - 130
1,2-Dichlorobenzene	0.0200	0.01947		mg/Kg		97	70 - 130
1,3-Dichlorobenzene	0.0200	0.02054		mg/Kg		103	70 - 130
1,4-Dichlorobenzene	0.0200	0.01921		mg/Kg		96	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03438	*+	mg/Kg		172	70 - 130
1,1-Dichloroethane	0.0200	0.02048		mg/Kg		102	70 - 130
1,2-Dichloroethane	0.0200	0.02096		mg/Kg		105	70 - 130
1,1-Dichloroethene	0.0200	0.02220		mg/Kg		111	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02123		mg/Kg		106	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02163		mg/Kg		108	70 - 130
1,2-Dichloropropane	0.0200	0.01993		mg/Kg		100	70 - 130
1,3-Dichloropropane	0.0200	0.02073		mg/Kg		104	70 - 130
2,2-Dichloropropane	0.0200	0.02129		mg/Kg		106	70 - 130
1,1-Dichloropropene	0.0200	0.02188		mg/Kg		109	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02056		mg/Kg		103	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02138		mg/Kg		107	70 - 130
Ethylbenzene	0.0200	0.02008		mg/Kg		100	70 - 130
Hexachlorobutadiene	0.0200	0.02117		mg/Kg		106	70 - 130
2-Hexanone (MBK)	0.0200	0.01735		mg/Kg		87	70 - 130
Isopropylbenzene	0.0200	0.02125		mg/Kg		106	70 - 130
4-Isopropyltoluene	0.0200	0.02136		mg/Kg		107	70 - 130
Methyl tert-butyl ether	0.0200	0.02166		mg/Kg		108	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02029		mg/Kg		101	70 - 130
Methylene Chloride	0.0200	0.02461		mg/Kg		123	70 - 130
Naphthalene	0.0200	0.01768		mg/Kg		88	70 - 130
N-Propylbenzene	0.0200	0.02080		mg/Kg		104	70 - 130
Styrene	0.0200	0.02056		mg/Kg		103	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01962		mg/Kg		98	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01898		mg/Kg		95	70 - 130
Tetrachloroethene	0.0200	0.02273		mg/Kg		114	70 - 130
Toluene	0.0200	0.02134		mg/Kg		107	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.01963		mg/Kg		98	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02004		mg/Kg		100	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02002		mg/Kg		100	70 - 130
1,1,1-Trichloroethane	0.0200	0.02147		mg/Kg		107	70 - 130
1,1,2-Trichloroethane	0.0200	0.02016		mg/Kg		101	70 - 130
Trichloroethene	0.0200	0.02092		mg/Kg		105	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02269		mg/Kg		113	70 - 130
1,2,3-Trichloropropane	0.0200	0.01909		mg/Kg		95	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02118		mg/Kg		106	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02120		mg/Kg		106	70 - 130
Vinyl chloride	0.0200	0.02245		mg/Kg		112	70 - 130
m,p-Xylene	0.0200	0.02053		mg/Kg		103	70 - 130
o-Xylene	0.0200	0.02050		mg/Kg		102	70 - 130
Tetrahydrofuran	0.0200	0.01950		mg/Kg		97	70 - 130
Ethyl ether	0.0200	0.02075		mg/Kg		104	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25279/1-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.02059		mg/Kg		103	70 - 130
Ethyl tert-butyl ether	0.0200	0.02062		mg/Kg		103	70 - 130
di-Isopropyl ether	0.0200	0.02035		mg/Kg		102	70 - 130
tert-Butanol	0.200	0.2148		mg/Kg		107	70 - 130
1,4-Dioxane	0.200	0.1856		mg/Kg		93	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01847	J	mg/Kg		92	70 - 130
Ethanol	0.400	0.3091	J	mg/Kg		77	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 620-25279/2-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02290		mg/Kg		115	70 - 130	2	30
Acetone	0.0200	0.02057	J	mg/Kg		103	70 - 130	1	30
Acrylonitrile	0.0200	0.02251		mg/Kg		113	70 - 130	7	30
Benzene	0.0200	0.02157		mg/Kg		108	70 - 130	3	30
Bromobenzene	0.0200	0.02024		mg/Kg		101	70 - 130	2	30
Bromochloromethane	0.0200	0.02151		mg/Kg		108	70 - 130	2	30
Bromodichloromethane	0.0200	0.02139		mg/Kg		107	70 - 130	4	30
Bromoform	0.0200	0.02065		mg/Kg		103	70 - 130	4	30
Bromomethane	0.0200	0.02153		mg/Kg		108	70 - 130	4	30
2-Butanone (MEK)	0.0200	0.02223		mg/Kg		111	70 - 130	5	30
2-Chlorotoluene	0.0200	0.02011		mg/Kg		101	70 - 130	4	30
n-Butylbenzene	0.0200	0.02119		mg/Kg		106	70 - 130	3	30
sec-Butylbenzene	0.0200	0.02209		mg/Kg		110	70 - 130	3	30
tert-Butylbenzene	0.0200	0.02344		mg/Kg		117	70 - 130	3	30
Carbon disulfide	0.0200	0.02218		mg/Kg		111	70 - 130	1	30
Carbon tetrachloride	0.0200	0.02216		mg/Kg		111	70 - 130	1	30
Chlorobenzene	0.0200	0.02003		mg/Kg		100	70 - 130	3	30
Chloroethane	0.0200	0.02190		mg/Kg		109	70 - 130	1	30
Chloroform	0.0200	0.02089		mg/Kg		104	70 - 130	1	30
Chloromethane	0.0200	0.02437		mg/Kg		122	70 - 130	1	30
4-Chlorotoluene	0.0200	0.02074		mg/Kg		104	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01814		mg/Kg		91	70 - 130	7	30
Dibromochloromethane	0.0200	0.02152		mg/Kg		108	70 - 130	4	30
1,2-Dibromoethane (EDB)	0.0200	0.02123		mg/Kg		106	70 - 130	2	30
Dibromomethane	0.0200	0.02083		mg/Kg		104	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.02027		mg/Kg		101	70 - 130	4	30
1,3-Dichlorobenzene	0.0200	0.02079		mg/Kg		104	70 - 130	1	30
1,4-Dichlorobenzene	0.0200	0.01972		mg/Kg		99	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25279/2-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03473	*+	mg/Kg		174	70 - 130	1	30
1,1-Dichloroethane	0.0200	0.02117		mg/Kg		106	70 - 130	3	30
1,2-Dichloroethane	0.0200	0.02150		mg/Kg		107	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.02196		mg/Kg		110	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.02191		mg/Kg		110	70 - 130	3	30
trans-1,2-Dichloroethene	0.0200	0.02181		mg/Kg		109	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.02039		mg/Kg		102	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.02126		mg/Kg		106	70 - 130	3	30
2,2-Dichloropropane	0.0200	0.02197		mg/Kg		110	70 - 130	3	30
1,1-Dichloropropene	0.0200	0.02240		mg/Kg		112	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.02133		mg/Kg		107	70 - 130	4	30
trans-1,3-Dichloropropene	0.0200	0.02178		mg/Kg		109	70 - 130	2	30
Ethylbenzene	0.0200	0.02047		mg/Kg		102	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.02169		mg/Kg		108	70 - 130	2	30
2-Hexanone (MBK)	0.0200	0.01830		mg/Kg		92	70 - 130	5	30
Isopropylbenzene	0.0200	0.02192		mg/Kg		110	70 - 130	3	30
4-Isopropyltoluene	0.0200	0.02185		mg/Kg		109	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.02226		mg/Kg		111	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02025		mg/Kg		101	70 - 130	0	30
Methylene Chloride	0.0200	0.02377		mg/Kg		119	70 - 130	3	30
Naphthalene	0.0200	0.01862		mg/Kg		93	70 - 130	5	30
N-Propylbenzene	0.0200	0.02124		mg/Kg		106	70 - 130	2	30
Styrene	0.0200	0.02125		mg/Kg		106	70 - 130	3	30
1,1,1,2-Tetrachloroethane	0.0200	0.02040		mg/Kg		102	70 - 130	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.02019		mg/Kg		101	70 - 130	6	30
Tetrachloroethene	0.0200	0.02254		mg/Kg		113	70 - 130	1	30
Toluene	0.0200	0.02147		mg/Kg		107	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02022		mg/Kg		101	70 - 130	3	30
1,2,4-Trichlorobenzene	0.0200	0.02035		mg/Kg		102	70 - 130	2	30
1,3,5-Trichlorobenzene	0.0200	0.02036		mg/Kg		102	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.02179		mg/Kg		109	70 - 130	1	30
1,1,2-Trichloroethane	0.0200	0.02107		mg/Kg		105	70 - 130	4	30
Trichloroethene	0.0200	0.02183		mg/Kg		109	70 - 130	4	30
Trichlorofluoromethane (Freon 11)	0.0200	0.02326		mg/Kg		116	70 - 130	2	30
1,2,3-Trichloropropane	0.0200	0.02043		mg/Kg		102	70 - 130	7	30
1,2,4-Trimethylbenzene	0.0200	0.02146		mg/Kg		107	70 - 130	1	30
1,3,5-Trimethylbenzene	0.0200	0.02167		mg/Kg		108	70 - 130	2	30
Vinyl chloride	0.0200	0.02287		mg/Kg		114	70 - 130	2	30
m,p-Xylene	0.0200	0.02107		mg/Kg		105	70 - 130	3	30
o-Xylene	0.0200	0.02124		mg/Kg		106	70 - 130	4	30
Tetrahydrofuran	0.0200	0.02009		mg/Kg		100	70 - 130	3	30
Ethyl ether	0.0200	0.02147		mg/Kg		107	70 - 130	3	30
Tert-amyl methyl ether	0.0200	0.02148		mg/Kg		107	70 - 130	4	30
Ethyl tert-butyl ether	0.0200	0.02150		mg/Kg		107	70 - 130	4	30
di-Isopropyl ether	0.0200	0.02116		mg/Kg		106	70 - 130	4	30
tert-Butanol	0.200	0.2230		mg/Kg		112	70 - 130	4	30
1,4-Dioxane	0.200	0.1953		mg/Kg		98	70 - 130	5	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25279/2-A
Matrix: Solid
Analysis Batch: 25268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.02062	J	mg/Kg		103	70 - 130	11	30
Ethanol			0.400	0.3512	J	mg/Kg		88	70 - 130	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 620-13019-1 DU
Matrix: Solid
Analysis Batch: 25189

Client Sample ID: CS-10S (12)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.3			14.2	F3	%				15	5
Percent Solids	87.7			85.8		%				2	5

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 25162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-1	CS-10S (12)	Total/NA	Solid	Frozen Preserve	
620-13019-2	CS-10D (13.5)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 25185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-2	CS-10D (13.5)	Total/NA	Solid	5035	25162
MB 620-25185/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-25185/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-25185/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 25186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-2	CS-10D (13.5)	Total/NA	Solid	8260C	25185
MB 620-25185/3-A	Method Blank	Total/NA	Solid	8260C	25185
LCS 620-25185/1-A	Lab Control Sample	Total/NA	Solid	8260C	25185
LCSD 620-25185/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	25185

Analysis Batch: 25268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-1	CS-10S (12)	Total/NA	Solid	8260C	25279
MB 620-25279/3-A	Method Blank	Total/NA	Solid	8260C	25279
LCS 620-25279/1-A	Lab Control Sample	Total/NA	Solid	8260C	25279
LCSD 620-25279/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	25279

Prep Batch: 25279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-1	CS-10S (12)	Total/NA	Solid	5035	25162
MB 620-25279/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-25279/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-25279/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 25189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13019-1	CS-10S (12)	Total/NA	Solid	Moisture	
620-13019-2	CS-10D (13.5)	Total/NA	Solid	Moisture	
620-13019-1 DU	CS-10S (12)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-10S (12) — **Lab Sample ID: 620-13019-1**
Date Collected: 07/28/23 09:10 — **Matrix: Solid**
Date Received: 07/28/23 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25189	DWC	EET NE	07/31/23 11:53

Client Sample ID: CS-10S (12) — **Lab Sample ID: 620-13019-1**
Date Collected: 07/28/23 09:10 — **Matrix: Solid**
Date Received: 07/28/23 15:08 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25162	KFS	EET NE	07/28/23 19:22
Total/NA	Prep	5035			25279	CLR	EET NE	08/02/23 12:18
Total/NA	Analysis	8260C		1	25268	CLR	EET NE	08/02/23 13:21

Client Sample ID: CS-10D (13.5) — **Lab Sample ID: 620-13019-2**
Date Collected: 07/28/23 09:25 — **Matrix: Solid**
Date Received: 07/28/23 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25189	DWC	EET NE	07/31/23 11:53

Client Sample ID: CS-10D (13.5) — **Lab Sample ID: 620-13019-2**
Date Collected: 07/28/23 09:25 — **Matrix: Solid**
Date Received: 07/28/23 15:08 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25162	KFS	EET NE	07/28/23 19:22
Total/NA	Prep	5035			25185	CLR	EET NE	07/31/23 10:26
Total/NA	Analysis	8260C		1	25186	CLR	EET NE	07/31/23 20:13

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13019-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13019-1	CS-10S (12)	Solid	07/28/23 09:10	07/28/23 15:08
620-13019-2	CS-10D (13.5)	Solid	07/28/23 09:25	07/28/23 15:08

620-13019 Chain of Custody

ment Testing
gla c

13019

CHAIN OF CUSTODY RECORD 3 DAY TAT

Page 1 of 1

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 3-day TAT

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P.O No:
Quote #:

Project No: 1503708-3001-500
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): DAN CUSICK

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-10S (12)	7-28-23	0910	G	SO	3			1	X	☐
-2	CS-10D (13.5)	7-28-23	0925	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other
State-specific reporting standards.

Relinquished by:	Received by:	Date:	Time:	Temp °C
		7/28/23	1320	Observed 2.0
		7/28/23	15:08	Correction Factor -0.2
				Corrected 1.8
				Therm ID

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

8/2/2023

PROJECT COMMUNICATION FORM

Client Name: Eversrouce

Project Name: Madison AWC ***Project Number:***

Project Manager: Michael DeGloria ***Contact info:*** 845-661-4180

Field Manager: Don Custer 203-232-4320

Sample Matrix: ☒ groundwater or surface water, ☒ soil, ☐ sediment, ☐ drinking water, ☐ air, ☐ other

RCP Analyses/Methods:

☒ VOC 8260, ☐ VOC 8021, ☐ Aromatics 8021/8260,

☐ Halocarbons 8021/8260, ☐ Pesticides 8081, ☐ PCB 8082, ☐ PAH 8270,

☐ SVOC 8270, ☐ RCRA 8 Metals, ☐ PP13 Metals, ☐ RSR 15 Metals

☐ CTDPH ETPH, ☐ Other tests:

TAT Required: Standard: ☐ Other: ☐

Constituents of Concern: Please *note any known or suspected contaminants in high concentrations or any non-standard analytes not contained in routine target lists (see notes).*

Gasoline

Regulatory Criteria:

☒ Residential Direct Exposure Criteria, ☐ Industrial/Commercial Direct Exposure Criteria,

☒ GA Pollutant Mobility Criteria, ☐ GB Pollutant Mobility Criteria, ☐ Other:

☒ Groundwater Protection Criteria, ☒ Surface Water Protection Criteria, ☐ Aquatic Life Criteria (specify applicable criteria below) ☐ Other:

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13019-1

Login Number: 13019
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 8/16/2023 4:56:20 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13214-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

Eurofins New England

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

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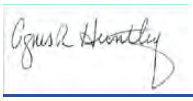

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13214-1

Laboratory Sample ID(s): 620-13214-1, 620-13214-2

Sampling Date(s): 08/09/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 08/16/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13214-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13214-1

Receipt
The samples were received on 8/9/2023 5:54 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4º C.

GC/MS VOA
Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analyte (biased high): Dichlorodifluoromethane. (CCVIS 620-25624/7)

Method 8260: The laboratory control sample (LCS) for batch 620-25624 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane, 2-Hexanone, and 1,4-Dioxane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated sample is: (LCS 620-25623/1-A).

Method 8260: The laboratory control sample duplicate (LCSD) for preparation batch 620-25623 and analytical batch 620-25624 recovered outside control limits for the following analytes: Dichlorodifluoromethane and 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane. (CCVIS 620-25717/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-25717 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane . RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-25716/1-A) and (LCSD 620-25716/2-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11D (13) **Lab Sample ID: 620-13214-1**

No Detections.

Client Sample ID: CS-11S (11) **Lab Sample ID: 620-13214-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11D (13)
Date Collected: 08/09/23 09:30
Date Received: 08/09/23 17:54

Lab Sample ID: 620-13214-1
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Acetone	ND		0.0416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Acrylonitrile	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Benzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Bromobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Bromochloromethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Bromodichloromethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Bromoform	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Bromomethane	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
2-Butanone (MEK)	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
2-Chlorotoluene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
n-Butylbenzene	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
sec-Butylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
tert-Butylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Carbon disulfide	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Carbon tetrachloride	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Chlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Chloroethane	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Chloroform	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Chloromethane	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
4-Chlorotoluene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2-Dibromo-3-Chloropropane	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Dibromochloromethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2-Dibromoethane (EDB)	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Dibromomethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2-Dichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,3-Dichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,4-Dichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1-Dichloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2-Dichloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1-Dichloroethene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
cis-1,2-Dichloroethene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
trans-1,2-Dichloroethene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2-Dichloropropane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,3-Dichloropropane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
2,2-Dichloropropane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1-Dichloropropene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
cis-1,3-Dichloropropene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
trans-1,3-Dichloropropene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Ethylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Hexachlorobutadiene	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
2-Hexanone (MBK)	ND	*-	0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Isopropylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
4-Isopropyltoluene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Methyl tert-butyl ether	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Methylene Chloride	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Naphthalene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11D (13)
Date Collected: 08/09/23 09:30
Date Received: 08/09/23 17:54

Lab Sample ID: 620-13214-1
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Styrene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1,1,2-Tetrachloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1,2,2-Tetrachloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Tetrachloroethene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Toluene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2,3-Trichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2,4-Trichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,3,5-Trichlorobenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1,1-Trichloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,1,2-Trichloroethane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Trichloroethene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Trichlorofluoromethane (Freon 11)	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2,3-Trichloropropane	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,2,4-Trimethylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,3,5-Trimethylbenzene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Vinyl chloride	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
m,p-Xylene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
o-Xylene	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Tetrahydrofuran	ND		0.00832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Ethyl ether	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Tert-amyl methyl ether	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Ethyl tert-butyl ether	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
di-Isopropyl ether	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
tert-Butanol	ND		0.0832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,4-Dioxane	ND	*-	0.0832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
trans-1,4-Dichloro-2-butene	ND		0.0208		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Ethanol	ND		0.832		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
1,3-Dichloropropene, Total	ND		0.00416		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1
Xylenes, Total	ND		0.0125		mg/Kg	☼	08/14/23 10:56	08/14/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/14/23 10:56*	*08/14/23 21:06*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/14/23 10:56*	*08/14/23 21:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/14/23 10:56*	*08/14/23 21:06*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*08/14/23 10:56*	*08/14/23 21:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		0.1		%			08/10/23 10:49	1
Percent Solids (EPA Moisture)	**88.3**		0.1		%			08/10/23 10:49	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11S (11)
Date Collected: 08/09/23 09:45
Date Received: 08/09/23 17:54

Lab Sample ID: 620-13214-2
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Acetone	ND		0.0486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Acrylonitrile	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Benzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Bromobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Bromochloromethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Bromodichloromethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Bromoform	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Bromomethane	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
2-Butanone (MEK)	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
2-Chlorotoluene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
n-Butylbenzene	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
sec-Butylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
tert-Butylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Carbon disulfide	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Carbon tetrachloride	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Chlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Chloroethane	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Chloroform	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Chloromethane	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
4-Chlorotoluene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2-Dibromo-3-Chloropropane	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Dibromochloromethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2-Dibromoethane (EDB)	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Dibromomethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2-Dichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,3-Dichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,4-Dichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1-Dichloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2-Dichloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1-Dichloroethene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
cis-1,2-Dichloroethene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
trans-1,2-Dichloroethene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2-Dichloropropane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,3-Dichloropropane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
2,2-Dichloropropane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1-Dichloropropene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
cis-1,3-Dichloropropene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
trans-1,3-Dichloropropene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Ethylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Hexachlorobutadiene	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
2-Hexanone (MBK)	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Isopropylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
4-Isopropyltoluene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Methyl tert-butyl ether	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Methylene Chloride	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Naphthalene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11S (11)
Date Collected: 08/09/23 09:45
Date Received: 08/09/23 17:54

Lab Sample ID: 620-13214-2
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Styrene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1,1,2-Tetrachloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1,2,2-Tetrachloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Tetrachloroethene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Toluene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2,3-Trichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2,4-Trichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,3,5-Trichlorobenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1,1-Trichloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,1,2-Trichloroethane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Trichloroethene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Trichlorofluoromethane (Freon 11)	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2,3-Trichloropropane	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,2,4-Trimethylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,3,5-Trimethylbenzene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Vinyl chloride	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
m,p-Xylene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
o-Xylene	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Tetrahydrofuran	ND		0.00972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Ethyl ether	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Tert-amyl methyl ether	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Ethyl tert-butyl ether	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
di-Isopropyl ether	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
tert-Butanol	ND		0.0972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,4-Dioxane	ND		0.0972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
trans-1,4-Dichloro-2-butene	ND		0.0243		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Ethanol	ND		0.972		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
1,3-Dichloropropene, Total	ND		0.00486		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1
Xylenes, Total	ND		0.0146		mg/Kg	☼	08/16/23 10:29	08/16/23 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/16/23 10:29*	*08/16/23 15:31*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/16/23 10:29*	*08/16/23 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/16/23 10:29*	*08/16/23 15:31*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/16/23 10:29*	*08/16/23 15:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		0.1		%			08/10/23 10:49	1
Percent Solids (EPA Moisture)	**91.0**		0.1		%			08/10/23 10:49	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13214-1	CS-11D (13)	96	94	100	102
620-13214-2	CS-11S (11)	97	94	104	101
LCS 620-25623/1-A	Lab Control Sample	99	99	116	108
LCS 620-25716/1-A	Lab Control Sample	96	97	101	101
LCSD 620-25623/2-A	Lab Control Sample Dup	98	98	111	107
LCSD 620-25716/2-A	Lab Control Sample Dup	96	96	99	101
MB 620-25623/3-A	Method Blank	96	95	112	106
MB 620-25716/3-A	Method Blank	96	95	102	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-25623/3-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25623

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Acetone	ND		0.0500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Acrylonitrile	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Benzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Bromobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Bromochloromethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Bromoform	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Bromomethane	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Carbon disulfide	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Chlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Chloroethane	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Chloroform	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Chloromethane	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Dibromomethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Ethylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Methylene Chloride	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25623/3-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25623

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Styrene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Toluene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Trichloroethene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Vinyl chloride	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
m,p-Xylene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
o-Xylene	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Ethyl ether	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
tert-Butanol	ND		0.100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,4-Dioxane	ND		0.100		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Ethanol	ND		1.00		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/14/23 10:56	08/14/23 15:32	1
Xylenes, Total	ND		0.0150		mg/Kg		08/14/23 10:56	08/14/23 15:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/14/23 10:56*	*08/14/23 15:32*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/14/23 10:56*	*08/14/23 15:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*08/14/23 10:56*	*08/14/23 15:32*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*	*08/14/23 10:56*	*08/14/23 15:32*	*1*

Lab Sample ID: LCS 620-25623/1-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25623

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.02027		mg/Kg		101	70 - 130		
Acetone			0.0200	0.01861	J	mg/Kg		93	70 - 130		
Acrylonitrile			0.0200	0.01730		mg/Kg		87	70 - 130		
Benzene			0.0200	0.01782		mg/Kg		89	70 - 130		
Bromobenzene			0.0200	0.01966		mg/Kg		98	70 - 130		

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25623/1-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01929		mg/Kg		96	70 - 130
Bromodichloromethane	0.0200	0.01932		mg/Kg		97	70 - 130
Bromoform	0.0200	0.02119		mg/Kg		106	70 - 130
Bromomethane	0.0200	0.02048		mg/Kg		102	70 - 130
2-Butanone (MEK)	0.0200	0.01671		mg/Kg		84	70 - 130
2-Chlorotoluene	0.0200	0.02051		mg/Kg		103	70 - 130
n-Butylbenzene	0.0200	0.01948		mg/Kg		97	70 - 130
sec-Butylbenzene	0.0200	0.02047		mg/Kg		102	70 - 130
tert-Butylbenzene	0.0200	0.01983		mg/Kg		99	70 - 130
Carbon disulfide	0.0200	0.02020		mg/Kg		101	70 - 130
Carbon tetrachloride	0.0200	0.02064		mg/Kg		103	70 - 130
Chlorobenzene	0.0200	0.01883		mg/Kg		94	70 - 130
Chloroethane	0.0200	0.02093		mg/Kg		105	70 - 130
Chloroform	0.0200	0.01903		mg/Kg		95	70 - 130
Chloromethane	0.0200	0.02336		mg/Kg		117	70 - 130
4-Chlorotoluene	0.0200	0.01962		mg/Kg		98	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01738		mg/Kg		87	70 - 130
Dibromochloromethane	0.0200	0.01915		mg/Kg		96	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01832		mg/Kg		92	70 - 130
Dibromomethane	0.0200	0.01830		mg/Kg		92	70 - 130
1,2-Dichlorobenzene	0.0200	0.01948		mg/Kg		97	70 - 130
1,3-Dichlorobenzene	0.0200	0.02025		mg/Kg		101	70 - 130
1,4-Dichlorobenzene	0.0200	0.01911		mg/Kg		96	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03999	*+	mg/Kg		200	70 - 130
1,1-Dichloroethane	0.0200	0.01817		mg/Kg		91	70 - 130
1,2-Dichloroethane	0.0200	0.01963		mg/Kg		98	70 - 130
1,1-Dichloroethene	0.0200	0.01952		mg/Kg		98	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01788		mg/Kg		89	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01818		mg/Kg		91	70 - 130
1,2-Dichloropropane	0.0200	0.01686		mg/Kg		84	70 - 130
1,3-Dichloropropane	0.0200	0.01785		mg/Kg		89	70 - 130
2,2-Dichloropropane	0.0200	0.01952		mg/Kg		98	70 - 130
1,1-Dichloropropene	0.0200	0.01868		mg/Kg		93	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01743		mg/Kg		87	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01872		mg/Kg		94	70 - 130
Ethylbenzene	0.0200	0.01889		mg/Kg		94	70 - 130
Hexachlorobutadiene	0.0200	0.02156		mg/Kg		108	70 - 130
2-Hexanone (MBK)	0.0200	0.01200	*-	mg/Kg		60	70 - 130
Isopropylbenzene	0.0200	0.01993		mg/Kg		100	70 - 130
4-Isopropyltoluene	0.0200	0.02010		mg/Kg		101	70 - 130
Methyl tert-butyl ether	0.0200	0.01820		mg/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01614		mg/Kg		81	70 - 130
Methylene Chloride	0.0200	0.01920		mg/Kg		96	70 - 130
Naphthalene	0.0200	0.01662		mg/Kg		83	70 - 130
N-Propylbenzene	0.0200	0.01975		mg/Kg		99	70 - 130
Styrene	0.0200	0.01920		mg/Kg		96	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01975		mg/Kg		99	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01886		mg/Kg		94	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25623/1-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.01934		mg/Kg		97	70 - 130
Toluene	0.0200	0.01785		mg/Kg		89	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02012		mg/Kg		101	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01978		mg/Kg		99	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01983		mg/Kg		99	70 - 130
1,1,1-Trichloroethane	0.0200	0.01984		mg/Kg		99	70 - 130
1,1,2-Trichloroethane	0.0200	0.01807		mg/Kg		90	70 - 130
Trichloroethene	0.0200	0.01903		mg/Kg		95	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02238		mg/Kg		112	70 - 130
1,2,3-Trichloropropane	0.0200	0.01922		mg/Kg		96	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02038		mg/Kg		102	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02052		mg/Kg		103	70 - 130
Vinyl chloride	0.0200	0.02058		mg/Kg		103	70 - 130
m,p-Xylene	0.0200	0.01917		mg/Kg		96	70 - 130
o-Xylene	0.0200	0.01922		mg/Kg		96	70 - 130
Tetrahydrofuran	0.0200	0.01503		mg/Kg		75	70 - 130
Ethyl ether	0.0200	0.01852		mg/Kg		93	70 - 130
Tert-amyl methyl ether	0.0200	0.01735		mg/Kg		87	70 - 130
Ethyl tert-butyl ether	0.0200	0.01742		mg/Kg		87	70 - 130
di-Isopropyl ether	0.0200	0.01668		mg/Kg		83	70 - 130
tert-Butanol	0.200	0.1629		mg/Kg		81	70 - 130
1,4-Dioxane	0.200	0.1320	*-	mg/Kg		66	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01725	J	mg/Kg		86	70 - 130
Ethanol	0.400	0.2833	J	mg/Kg		71	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 620-25623/2-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02015		mg/Kg		101	70 - 130	1	30
Acetone	0.0200	0.01727	J	mg/Kg		86	70 - 130	7	30
Acrylonitrile	0.0200	0.01607		mg/Kg		80	70 - 130	7	30
Benzene	0.0200	0.01825		mg/Kg		91	70 - 130	2	30
Bromobenzene	0.0200	0.01992		mg/Kg		100	70 - 130	1	30
Bromochloromethane	0.0200	0.01955		mg/Kg		98	70 - 130	1	30
Bromodichloromethane	0.0200	0.01959		mg/Kg		98	70 - 130	1	30
Bromoform	0.0200	0.02179		mg/Kg		109	70 - 130	3	30
Bromomethane	0.0200	0.02044		mg/Kg		102	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.01600		mg/Kg		80	70 - 130	4	30
2-Chlorotoluene	0.0200	0.01924		mg/Kg		96	70 - 130	6	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25623/2-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01953		mg/Kg		98	70 - 130	0	30
sec-Butylbenzene	0.0200	0.02062		mg/Kg		103	70 - 130	1	30
tert-Butylbenzene	0.0200	0.01986		mg/Kg		99	70 - 130	0	30
Carbon disulfide	0.0200	0.02046		mg/Kg		102	70 - 130	1	30
Carbon tetrachloride	0.0200	0.02086		mg/Kg		104	70 - 130	1	30
Chlorobenzene	0.0200	0.01913		mg/Kg		96	70 - 130	2	30
Chloroethane	0.0200	0.02058		mg/Kg		103	70 - 130	2	30
Chloroform	0.0200	0.01920		mg/Kg		96	70 - 130	1	30
Chloromethane	0.0200	0.02368		mg/Kg		118	70 - 130	1	30
4-Chlorotoluene	0.0200	0.01967		mg/Kg		98	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01909		mg/Kg		95	70 - 130	9	30
Dibromochloromethane	0.0200	0.01968		mg/Kg		98	70 - 130	3	30
1,2-Dibromoethane (EDB)	0.0200	0.01868		mg/Kg		93	70 - 130	2	30
Dibromomethane	0.0200	0.01875		mg/Kg		94	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.02006		mg/Kg		100	70 - 130	3	30
1,3-Dichlorobenzene	0.0200	0.02027		mg/Kg		101	70 - 130	0	30
1,4-Dichlorobenzene	0.0200	0.01946		mg/Kg		97	70 - 130	2	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03930	*+	mg/Kg		196	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.01874		mg/Kg		94	70 - 130	3	30
1,2-Dichloroethane	0.0200	0.02009		mg/Kg		100	70 - 130	2	30
1,1-Dichloroethene	0.0200	0.01956		mg/Kg		98	70 - 130	0	30
cis-1,2-Dichloroethene	0.0200	0.01800		mg/Kg		90	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01815		mg/Kg		91	70 - 130	0	30
1,2-Dichloropropane	0.0200	0.01727		mg/Kg		86	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01791		mg/Kg		90	70 - 130	0	30
2,2-Dichloropropane	0.0200	0.01953		mg/Kg		98	70 - 130	0	30
1,1-Dichloropropene	0.0200	0.01893		mg/Kg		95	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.01795		mg/Kg		90	70 - 130	3	30
trans-1,3-Dichloropropene	0.0200	0.01932		mg/Kg		97	70 - 130	3	30
Ethylbenzene	0.0200	0.01923		mg/Kg		96	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.02174		mg/Kg		109	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01261	*-	mg/Kg		63	70 - 130	5	30
Isopropylbenzene	0.0200	0.02013		mg/Kg		101	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.02032		mg/Kg		102	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.01906		mg/Kg		95	70 - 130	5	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01666		mg/Kg		83	70 - 130	3	30
Methylene Chloride	0.0200	0.01943		mg/Kg		97	70 - 130	1	30
Naphthalene	0.0200	0.01758		mg/Kg		88	70 - 130	6	30
N-Propylbenzene	0.0200	0.01987		mg/Kg		99	70 - 130	1	30
Styrene	0.0200	0.01977		mg/Kg		99	70 - 130	3	30
1,1,1,2-Tetrachloroethane	0.0200	0.02029		mg/Kg		101	70 - 130	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.01920		mg/Kg		96	70 - 130	2	30
Tetrachloroethene	0.0200	0.01947		mg/Kg		97	70 - 130	1	30
Toluene	0.0200	0.01819		mg/Kg		91	70 - 130	2	30
1,2,3-Trichlorobenzene	0.0200	0.02122		mg/Kg		106	70 - 130	5	30
1,2,4-Trichlorobenzene	0.0200	0.02001		mg/Kg		100	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.02019		mg/Kg		101	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.02001		mg/Kg		100	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25623/2-A
Matrix: Solid
Analysis Batch: 25624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25623

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01809		mg/Kg		90	70 - 130	0	30
Trichloroethene			0.0200	0.01854		mg/Kg		93	70 - 130	3	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02167		mg/Kg		108	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.01951		mg/Kg		98	70 - 130	1	30
1,2,4-Trimethylbenzene			0.0200	0.02062		mg/Kg		103	70 - 130	1	30
1,3,5-Trimethylbenzene			0.0200	0.02065		mg/Kg		103	70 - 130	1	30
Vinyl chloride			0.0200	0.02056		mg/Kg		103	70 - 130	0	30
m,p-Xylene			0.0200	0.01980		mg/Kg		99	70 - 130	3	30
o-Xylene			0.0200	0.01944		mg/Kg		97	70 - 130	1	30
Tetrahydrofuran			0.0200	0.01609		mg/Kg		80	70 - 130	7	30
Ethyl ether			0.0200	0.01884		mg/Kg		94	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.01808		mg/Kg		90	70 - 130	4	30
Ethyl tert-butyl ether			0.0200	0.01803		mg/Kg		90	70 - 130	3	30
di-Isopropyl ether			0.0200	0.01738		mg/Kg		87	70 - 130	4	30
tert-Butanol			0.200	0.1724		mg/Kg		86	70 - 130	6	30
1,4-Dioxane			0.200	0.1465		mg/Kg		73	70 - 130	10	30
trans-1,4-Dichloro-2-butene			0.0200	0.01934	J	mg/Kg		97	70 - 130	11	30
Ethanol			0.400	0.2861	J	mg/Kg		72	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 620-25716/3-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25716

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Acetone	ND		0.0500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Acrylonitrile	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Benzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Bromobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Bromochloromethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Bromoform	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Bromomethane	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Carbon disulfide	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Chlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25716/3-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25716

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Chloroform	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Chloromethane	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Dibromomethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Ethylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Methylene Chloride	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Naphthalene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Styrene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Toluene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Trichloroethene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Vinyl chloride	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-25716/3-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25716

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
o-Xylene	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Ethyl ether	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
tert-Butanol	ND		0.100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,4-Dioxane	ND		0.100		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Ethanol	ND		1.00		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/16/23 10:29	08/16/23 13:17	1
Xylenes, Total	ND		0.0150		mg/Kg		08/16/23 10:29	08/16/23 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/16/23 10:29*	*08/16/23 13:17*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/16/23 10:29*	*08/16/23 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/16/23 10:29*	*08/16/23 13:17*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/16/23 10:29*	*08/16/23 13:17*	*1*

Lab Sample ID: LCS 620-25716/1-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01930		mg/Kg		96	70 - 130
Acetone	0.0200	0.01714	J	mg/Kg		86	70 - 130
Acrylonitrile	0.0200	0.01843		mg/Kg		92	70 - 130
Benzene	0.0200	0.01845		mg/Kg		92	70 - 130
Bromobenzene	0.0200	0.02034		mg/Kg		102	70 - 130
Bromochloromethane	0.0200	0.01918		mg/Kg		96	70 - 130
Bromodichloromethane	0.0200	0.01860		mg/Kg		93	70 - 130
Bromoform	0.0200	0.02133		mg/Kg		107	70 - 130
Bromomethane	0.0200	0.01872		mg/Kg		94	70 - 130
2-Butanone (MEK)	0.0200	0.01941		mg/Kg		97	70 - 130
2-Chlorotoluene	0.0200	0.02053		mg/Kg		103	70 - 130
n-Butylbenzene	0.0200	0.02120		mg/Kg		106	70 - 130
sec-Butylbenzene	0.0200	0.02080		mg/Kg		104	70 - 130
tert-Butylbenzene	0.0200	0.02019		mg/Kg		101	70 - 130
Carbon disulfide	0.0200	0.01943		mg/Kg		97	70 - 130
Carbon tetrachloride	0.0200	0.01932		mg/Kg		97	70 - 130
Chlorobenzene	0.0200	0.01899		mg/Kg		95	70 - 130
Chloroethane	0.0200	0.01856		mg/Kg		93	70 - 130
Chloroform	0.0200	0.01833		mg/Kg		92	70 - 130
Chloromethane	0.0200	0.02226		mg/Kg		111	70 - 130
4-Chlorotoluene	0.0200	0.02000		mg/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02027		mg/Kg		101	70 - 130
Dibromochloromethane	0.0200	0.01915		mg/Kg		96	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25716/1-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01897		mg/Kg		95	70 - 130
Dibromomethane	0.0200	0.01809		mg/Kg		90	70 - 130
1,2-Dichlorobenzene	0.0200	0.02088		mg/Kg		104	70 - 130
1,3-Dichlorobenzene	0.0200	0.02057		mg/Kg		103	70 - 130
1,4-Dichlorobenzene	0.0200	0.02011		mg/Kg		101	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03620	*+	mg/Kg		181	70 - 130
1,1-Dichloroethane	0.0200	0.01800		mg/Kg		90	70 - 130
1,2-Dichloroethane	0.0200	0.01833		mg/Kg		92	70 - 130
1,1-Dichloroethene	0.0200	0.01965		mg/Kg		98	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01913		mg/Kg		96	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01914		mg/Kg		96	70 - 130
1,2-Dichloropropane	0.0200	0.01750		mg/Kg		87	70 - 130
1,3-Dichloropropane	0.0200	0.01853		mg/Kg		93	70 - 130
2,2-Dichloropropane	0.0200	0.01943		mg/Kg		97	70 - 130
1,1-Dichloropropene	0.0200	0.01968		mg/Kg		98	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01931		mg/Kg		97	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01930		mg/Kg		96	70 - 130
Ethylbenzene	0.0200	0.01935		mg/Kg		97	70 - 130
Hexachlorobutadiene	0.0200	0.02364		mg/Kg		118	70 - 130
2-Hexanone (MBK)	0.0200	0.01612		mg/Kg		81	70 - 130
Isopropylbenzene	0.0200	0.02110		mg/Kg		106	70 - 130
4-Isopropyltoluene	0.0200	0.02211		mg/Kg		111	70 - 130
Methyl tert-butyl ether	0.0200	0.01973		mg/Kg		99	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01798		mg/Kg		90	70 - 130
Methylene Chloride	0.0200	0.01788		mg/Kg		89	70 - 130
Naphthalene	0.0200	0.02076		mg/Kg		104	70 - 130
N-Propylbenzene	0.0200	0.01983		mg/Kg		99	70 - 130
Styrene	0.0200	0.02017		mg/Kg		101	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01984		mg/Kg		99	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01851		mg/Kg		93	70 - 130
Tetrachloroethene	0.0200	0.02098		mg/Kg		105	70 - 130
Toluene	0.0200	0.01828		mg/Kg		91	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02310		mg/Kg		116	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02325		mg/Kg		116	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02299		mg/Kg		115	70 - 130
1,1,1-Trichloroethane	0.0200	0.01872		mg/Kg		94	70 - 130
1,1,2-Trichloroethane	0.0200	0.01784		mg/Kg		89	70 - 130
Trichloroethene	0.0200	0.01846		mg/Kg		92	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01950		mg/Kg		98	70 - 130
1,2,3-Trichloropropane	0.0200	0.01831		mg/Kg		92	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02065		mg/Kg		103	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02057		mg/Kg		103	70 - 130
Vinyl chloride	0.0200	0.01912		mg/Kg		96	70 - 130
m,p-Xylene	0.0200	0.02058		mg/Kg		103	70 - 130
o-Xylene	0.0200	0.02088		mg/Kg		104	70 - 130
Tetrahydrofuran	0.0200	0.01825		mg/Kg		91	70 - 130
Ethyl ether	0.0200	0.01869		mg/Kg		93	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-25716/1-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01897		mg/Kg		95	70 - 130
Ethyl tert-butyl ether	0.0200	0.01921		mg/Kg		96	70 - 130
di-Isopropyl ether	0.0200	0.01876		mg/Kg		94	70 - 130
tert-Butanol	0.200	0.1873		mg/Kg		94	70 - 130
1,4-Dioxane	0.200	0.1725		mg/Kg		86	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01667	J	mg/Kg		83	70 - 130
Ethanol	0.400	0.2798	J	mg/Kg		70	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 620-25716/2-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25716

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01956		mg/Kg		98	70 - 130	1	30
Acetone	0.0200	0.01752	J	mg/Kg		88	70 - 130	2	30
Acrylonitrile	0.0200	0.02028		mg/Kg		101	70 - 130	10	30
Benzene	0.0200	0.01864		mg/Kg		93	70 - 130	1	30
Bromobenzene	0.0200	0.02149		mg/Kg		107	70 - 130	6	30
Bromochloromethane	0.0200	0.01971		mg/Kg		99	70 - 130	3	30
Bromodichloromethane	0.0200	0.01926		mg/Kg		96	70 - 130	3	30
Bromoform	0.0200	0.02339		mg/Kg		117	70 - 130	9	30
Bromomethane	0.0200	0.01888		mg/Kg		94	70 - 130	1	30
2-Butanone (MEK)	0.0200	0.01888		mg/Kg		94	70 - 130	3	30
2-Chlorotoluene	0.0200	0.02145		mg/Kg		107	70 - 130	4	30
n-Butylbenzene	0.0200	0.02173		mg/Kg		109	70 - 130	2	30
sec-Butylbenzene	0.0200	0.02139		mg/Kg		107	70 - 130	3	30
tert-Butylbenzene	0.0200	0.02075		mg/Kg		104	70 - 130	3	30
Carbon disulfide	0.0200	0.01954		mg/Kg		98	70 - 130	1	30
Carbon tetrachloride	0.0200	0.01970		mg/Kg		99	70 - 130	2	30
Chlorobenzene	0.0200	0.01967		mg/Kg		98	70 - 130	4	30
Chloroethane	0.0200	0.01851		mg/Kg		93	70 - 130	0	30
Chloroform	0.0200	0.01852		mg/Kg		93	70 - 130	1	30
Chloromethane	0.0200	0.02193		mg/Kg		110	70 - 130	2	30
4-Chlorotoluene	0.0200	0.02075		mg/Kg		104	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02280		mg/Kg		114	70 - 130	12	30
Dibromochloromethane	0.0200	0.02048		mg/Kg		102	70 - 130	7	30
1,2-Dibromoethane (EDB)	0.0200	0.02011		mg/Kg		101	70 - 130	6	30
Dibromomethane	0.0200	0.01875		mg/Kg		94	70 - 130	4	30
1,2-Dichlorobenzene	0.0200	0.02259		mg/Kg		113	70 - 130	8	30
1,3-Dichlorobenzene	0.0200	0.02149		mg/Kg		107	70 - 130	4	30
1,4-Dichlorobenzene	0.0200	0.02105		mg/Kg		105	70 - 130	5	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25716/2-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25716

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03549	*+	mg/Kg		177	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01835		mg/Kg		92	70 - 130	0	30
1,1-Dichloroethene	0.0200	0.01998		mg/Kg		100	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.01942		mg/Kg		97	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.01926		mg/Kg		96	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.01812		mg/Kg		91	70 - 130	3	30
1,3-Dichloropropane	0.0200	0.01959		mg/Kg		98	70 - 130	6	30
2,2-Dichloropropane	0.0200	0.01927		mg/Kg		96	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01976		mg/Kg		99	70 - 130	0	30
cis-1,3-Dichloropropene	0.0200	0.02015		mg/Kg		101	70 - 130	4	30
trans-1,3-Dichloropropene	0.0200	0.02031		mg/Kg		102	70 - 130	5	30
Ethylbenzene	0.0200	0.01997		mg/Kg		100	70 - 130	3	30
Hexachlorobutadiene	0.0200	0.02531		mg/Kg		127	70 - 130	7	30
2-Hexanone (MBK)	0.0200	0.01701		mg/Kg		85	70 - 130	5	30
Isopropylbenzene	0.0200	0.02174		mg/Kg		109	70 - 130	3	30
4-Isopropyltoluene	0.0200	0.02294		mg/Kg		115	70 - 130	4	30
Methyl tert-butyl ether	0.0200	0.02062		mg/Kg		103	70 - 130	4	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01960		mg/Kg		98	70 - 130	9	30
Methylene Chloride	0.0200	0.01805		mg/Kg		90	70 - 130	1	30
Naphthalene	0.0200	0.02298		mg/Kg		115	70 - 130	10	30
N-Propylbenzene	0.0200	0.02044		mg/Kg		102	70 - 130	3	30
Styrene	0.0200	0.02105		mg/Kg		105	70 - 130	4	30
1,1,1,2-Tetrachloroethane	0.0200	0.02087		mg/Kg		104	70 - 130	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.02039		mg/Kg		102	70 - 130	10	30
Tetrachloroethene	0.0200	0.02092		mg/Kg		105	70 - 130	0	30
Toluene	0.0200	0.01880		mg/Kg		94	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.02558		mg/Kg		128	70 - 130	10	30
1,2,4-Trichlorobenzene	0.0200	0.02481		mg/Kg		124	70 - 130	6	30
1,3,5-Trichlorobenzene	0.0200	0.02417		mg/Kg		121	70 - 130	5	30
1,1,1-Trichloroethane	0.0200	0.01890		mg/Kg		95	70 - 130	1	30
1,1,2-Trichloroethane	0.0200	0.01893		mg/Kg		95	70 - 130	6	30
Trichloroethene	0.0200	0.01848		mg/Kg		92	70 - 130	0	30
Trichlorofluoromethane (Freon 11)	0.0200	0.01995		mg/Kg		100	70 - 130	2	30
1,2,3-Trichloropropane	0.0200	0.01996		mg/Kg		100	70 - 130	9	30
1,2,4-Trimethylbenzene	0.0200	0.02145		mg/Kg		107	70 - 130	4	30
1,3,5-Trimethylbenzene	0.0200	0.02152		mg/Kg		108	70 - 130	5	30
Vinyl chloride	0.0200	0.01905		mg/Kg		95	70 - 130	0	30
m,p-Xylene	0.0200	0.02094		mg/Kg		105	70 - 130	2	30
o-Xylene	0.0200	0.02151		mg/Kg		108	70 - 130	3	30
Tetrahydrofuran	0.0200	0.02066		mg/Kg		103	70 - 130	12	30
Ethyl ether	0.0200	0.01969		mg/Kg		98	70 - 130	5	30
Tert-amyl methyl ether	0.0200	0.02038		mg/Kg		102	70 - 130	7	30
Ethyl tert-butyl ether	0.0200	0.01995		mg/Kg		100	70 - 130	4	30
di-Isopropyl ether	0.0200	0.01943		mg/Kg		97	70 - 130	4	30
tert-Butanol	0.200	0.2076		mg/Kg		104	70 - 130	10	30
1,4-Dioxane	0.200	0.1895		mg/Kg		95	70 - 130	9	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-25716/2-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25716

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01986	J	mg/Kg		99	70 - 130	17	30
Ethanol			0.400	0.3242	J	mg/Kg		81	70 - 130	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 25505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-1	CS-11D (13)	Total/NA	Solid	Frozen Preserve	
620-13214-2	CS-11S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 25623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-1	CS-11D (13)	Total/NA	Solid	5035	25505
MB 620-25623/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-25623/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-25623/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 25624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-1	CS-11D (13)	Total/NA	Solid	8260C	25623
MB 620-25623/3-A	Method Blank	Total/NA	Solid	8260C	25623
LCS 620-25623/1-A	Lab Control Sample	Total/NA	Solid	8260C	25623
LCSD 620-25623/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	25623

Prep Batch: 25716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-2	CS-11S (11)	Total/NA	Solid	5035	25505
MB 620-25716/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-25716/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-25716/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 25717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-2	CS-11S (11)	Total/NA	Solid	8260C	25716
MB 620-25716/3-A	Method Blank	Total/NA	Solid	8260C	25716
LCS 620-25716/1-A	Lab Control Sample	Total/NA	Solid	8260C	25716
LCSD 620-25716/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	25716

General Chemistry

Analysis Batch: 25532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13214-1	CS-11D (13)	Total/NA	Solid	Moisture	
620-13214-2	CS-11S (11)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-11D (13)
Lab Sample ID: 620-13214-1
Date Collected: 08/09/23 09:30
Matrix: Solid
Date Received: 08/09/23 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25532	DWC	EET NE	08/10/23 10:49

Client Sample ID: CS-11D (13)
Lab Sample ID: 620-13214-1
Date Collected: 08/09/23 09:30
Matrix: Solid
Date Received: 08/09/23 17:54
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25505	KFS	EET NE	08/09/23 18:11
Total/NA	Prep	5035			25623	CLR	EET NE	08/14/23 10:56
Total/NA	Analysis	8260C		1	25624	CLR	EET NE	08/14/23 21:06

Client Sample ID: CS-11S (11)
Lab Sample ID: 620-13214-2
Date Collected: 08/09/23 09:45
Matrix: Solid
Date Received: 08/09/23 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	25532	DWC	EET NE	08/10/23 10:49

Client Sample ID: CS-11S (11)
Lab Sample ID: 620-13214-2
Date Collected: 08/09/23 09:45
Matrix: Solid
Date Received: 08/09/23 17:54
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			25505	KFS	EET NE	08/09/23 18:11
Total/NA	Prep	5035			25716	CLR	EET NE	08/16/23 10:29
Total/NA	Analysis	8260C		1	25717	CLR	EET NE	08/16/23 15:31

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13214-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13214-1	CS-11D (13)	Solid	08/09/23 09:30	08/09/23 17:54
620-13214-2	CS-11S (11)	Solid	08/09/23 09:45	08/09/23 17:54

620-13214 Chain of Custody

ient Testing
land

13214

CHAIN OF CUSTODY RECORD

Page ____ of ____

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To. GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone # 866-839-5195 ext. 3839
Project Mgr Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com

P O No ____ Quote #: ____

Project No 15E3208 - 3001 - 500
Site Name: Eversource Madison AWC
Location: 135 New Road State. CT
Sampler(s) DAN COSTER

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-11D(13)	8-9-23	0930	G	SO	3			1	X	☐
-2	CS-11S(11)	8-9-23	0945	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: ____
State-specific reporting standards.

Relinquished by:	Received by:	Date:	Time:	Temp °C
Cnt		8/9/23	1425	Observed 1.6
DSR		8/9/23	1555	Correction Factor -0.8
				Corrected 0.8

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852

www.EurofinsUS.com/Spectrum

Rev. Jan 2020

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

8/16/2023

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13214-1

Login Number: 13214
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 8/30/2023 1:44:10 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13517-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

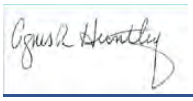
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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8/30/2023 1:44:10 PM

Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13517-1

Laboratory Sample ID(s): 620-13517-1, 620-13517-2

Sampling Date(s): 08/24/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 08/30/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13517-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13517-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2023 6:03 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-26059 exhibited % difference of > 20% for the following analytes: Naphthalene, 1,2-Dibromo-3-Chloropropane, 1,2,4-Trichlorobenzene, and 1,2,3-Trichlorobenzene; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Methods 8260, 8260C: Internal standard (ISTD) response for the following sample was outside control limits: CS-12D (12.5) (620-13517-1). The sample was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane, Chloromethane, and Vinyl chloride.
(CCVIS 620-26146/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-26146 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane and Chloromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-26144/1-A) and (LCSD 620-26144/2-A).

Methods 8260, 8260C: Internal standard (ISTD) response for the following sample was outside control limits: CS-12D (12.5) (620-13517-1). The sample was re-extracted and/or re-analyzed and ISTD response was outside control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Lab Sample ID: 620-13517-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	0.100	*3	0.0471		mg/Kg	1	☼	8260C	Total/NA
Naphthalene - RA	0.00483	*3	0.00461		mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: CS-12S (11)
Lab Sample ID: 620-13517-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Date Collected: 08/24/23 08:00
Date Received: 08/24/23 18:03

Lab Sample ID: 620-13517-1
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Acetone	**0.100**	***3**	0.0471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Acrylonitrile	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Benzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Bromobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Bromochloromethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Bromodichloromethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Bromoform	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Bromomethane	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
2-Butanone (MEK)	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
2-Chlorotoluene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
n-Butylbenzene	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
sec-Butylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
tert-Butylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Carbon disulfide	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Carbon tetrachloride	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Chlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Chloroethane	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Chloroform	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Chloromethane	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
4-Chlorotoluene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Dibromochloromethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2-Dibromoethane (EDB)	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Dibromomethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2-Dichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,3-Dichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,4-Dichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Dichlorodifluoromethane (Freon 12)	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1-Dichloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2-Dichloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1-Dichloroethene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
cis-1,2-Dichloroethene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
trans-1,2-Dichloroethene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2-Dichloropropane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,3-Dichloropropane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
2,2-Dichloropropane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1-Dichloropropene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
cis-1,3-Dichloropropene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
trans-1,3-Dichloropropene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Ethylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Hexachlorobutadiene	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
2-Hexanone (MBK)	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Isopropylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
4-Isopropyltoluene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Methyl tert-butyl ether	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
4-Methyl-2-pentanone (MIBK)	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Methylene Chloride	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Naphthalene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Date Collected: 08/24/23 08:00
Date Received: 08/24/23 18:03

Lab Sample ID: 620-13517-1
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Styrene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1,1,2-Tetrachloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Tetrachloroethene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Toluene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2,3-Trichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2,4-Trichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,3,5-Trichlorobenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1,1-Trichloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,1,2-Trichloroethane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Trichloroethene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Trichlorofluoromethane (Freon 11)	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2,3-Trichloropropane	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,2,4-Trimethylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,3,5-Trimethylbenzene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Vinyl chloride	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
m,p-Xylene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
o-Xylene	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Tetrahydrofuran	ND	*3	0.00942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Ethyl ether	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Tert-amyl methyl ether	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Ethyl tert-butyl ether	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
di-Isopropyl ether	ND	*3	0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
tert-Butanol	ND	*3	0.0942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,4-Dioxane	ND	*3	0.0942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0236		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Ethanol	ND	*3	0.942		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
1,3-Dichloropropene, Total	ND		0.00471		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1
Xylenes, Total	ND		0.0141		mg/Kg	☼	08/25/23 09:51	08/25/23 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*	**3*	*70 - 130*	*08/25/23 09:51*	*08/25/23 14:15*	*1*
Toluene-d8 (Surr)	*97*	**3*	*70 - 130*	*08/25/23 09:51*	*08/25/23 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*154*	*S1+ *3*	*70 - 130*	*08/25/23 09:51*	*08/25/23 14:15*	*1*
Dibromofluoromethane (Surr)	*124*	**3*	*70 - 130*	*08/25/23 09:51*	*08/25/23 14:15*	*1*

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Acetone	ND	*3	0.0461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Acrylonitrile	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Benzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Bromobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Bromochloromethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Bromodichloromethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Bromoform	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Bromomethane	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
2-Butanone (MEK)	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Lab Sample ID: 620-13517-1
Date Collected: 08/24/23 08:00
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
n-Butylbenzene	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
sec-Butylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
tert-Butylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Carbon disulfide	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Carbon tetrachloride	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Chlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Chloroethane	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Chloroform	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Chloromethane	ND	*3 *+	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
4-Chlorotoluene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Dibromochloromethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2-Dibromoethane (EDB)	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Dibromomethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2-Dichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,3-Dichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,4-Dichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Dichlorodifluoromethane (Freon 12)	ND	*3 *+	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1-Dichloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2-Dichloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1-Dichloroethene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
cis-1,2-Dichloroethene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
trans-1,2-Dichloroethene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2-Dichloropropane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,3-Dichloropropane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
2,2-Dichloropropane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1-Dichloropropene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
cis-1,3-Dichloropropene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
trans-1,3-Dichloropropene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Ethylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Hexachlorobutadiene	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
2-Hexanone (MBK)	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Isopropylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
4-Isopropyltoluene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Methyl tert-butyl ether	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
4-Methyl-2-pentanone (MIBK)	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Methylene Chloride	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Naphthalene	**0.00483**	***3**	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
N-Propylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Styrene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1,1,2-Tetrachloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Tetrachloroethene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Toluene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2,3-Trichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2,4-Trichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,3,5-Trichlorobenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,1,1-Trichloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Date Collected: 08/24/23 08:00
Date Received: 08/24/23 18:03

Lab Sample ID: 620-13517-1
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Trichloroethene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Trichlorofluoromethane (Freon 11)	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2,3-Trichloropropane	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,2,4-Trimethylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,3,5-Trimethylbenzene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Vinyl chloride	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
m,p-Xylene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
o-Xylene	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Tetrahydrofuran	ND	*3	0.00921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Ethyl ether	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Tert-amyl methyl ether	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Ethyl tert-butyl ether	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
di-Isopropyl ether	ND	*3	0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
tert-Butanol	ND	*3	0.0921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,4-Dioxane	ND	*3	0.0921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0230		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Ethanol	ND	*3	0.921		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
1,3-Dichloropropene, Total	ND		0.00461		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1
Xylenes, Total	ND		0.0138		mg/Kg	☼	08/28/23 16:10	08/28/23 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*	*3	*70 - 130*	*08/28/23 16:10*	*08/28/23 22:37*	*1*
Toluene-d8 (Surr)	*96*	*3	*70 - 130*	*08/28/23 16:10*	*08/28/23 22:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*3 S1+	*70 - 130*	*08/28/23 16:10*	*08/28/23 22:37*	*1*
Dibromofluoromethane (Surr)	*118*	*3	*70 - 130*	*08/28/23 16:10*	*08/28/23 22:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.9**		0.1		%			08/25/23 11:06	1
Percent Solids (EPA Moisture)	**82.1**		0.1		%			08/25/23 11:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12S (11)
Lab Sample ID: 620-13517-2
Date Collected: 08/24/23 08:15
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 87.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Acetone	ND		0.0436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Acrylonitrile	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Benzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Bromobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Bromochloromethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Bromodichloromethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Bromoform	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Bromomethane	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
2-Butanone (MEK)	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
2-Chlorotoluene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
n-Butylbenzene	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
sec-Butylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
tert-Butylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Carbon disulfide	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Carbon tetrachloride	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Chlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Chloroethane	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Chloroform	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Chloromethane	ND	*+	0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
4-Chlorotoluene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2-Dibromo-3-Chloropropane	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Dibromochloromethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2-Dibromoethane (EDB)	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Dibromomethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,3-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,4-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1-Dichloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2-Dichloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1-Dichloroethene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
cis-1,2-Dichloroethene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
trans-1,2-Dichloroethene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2-Dichloropropane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,3-Dichloropropane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
2,2-Dichloropropane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1-Dichloropropene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
cis-1,3-Dichloropropene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
trans-1,3-Dichloropropene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Ethylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Hexachlorobutadiene	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
2-Hexanone (MBK)	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Isopropylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
4-Isopropyltoluene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Methyl tert-butyl ether	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Methylene Chloride	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Naphthalene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12S (11)
Date Collected: 08/24/23 08:15
Date Received: 08/24/23 18:03

Lab Sample ID: 620-13517-2
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Styrene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1,1,2-Tetrachloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1,2,2-Tetrachloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Tetrachloroethene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Toluene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2,3-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2,4-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,3,5-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1,1-Trichloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,1,2-Trichloroethane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Trichloroethene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Trichlorofluoromethane (Freon 11)	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2,3-Trichloropropane	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,2,4-Trimethylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,3,5-Trimethylbenzene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Vinyl chloride	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
m,p-Xylene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
o-Xylene	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Tetrahydrofuran	ND		0.00873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Ethyl ether	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Tert-amyl methyl ether	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Ethyl tert-butyl ether	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
di-Isopropyl ether	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
tert-Butanol	ND		0.0873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,4-Dioxane	ND		0.0873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
trans-1,4-Dichloro-2-butene	ND		0.0218		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Ethanol	ND		0.873		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
1,3-Dichloropropene, Total	ND		0.00436		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1
Xylenes, Total	ND		0.0131		mg/Kg	☼	08/28/23 16:10	08/28/23 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/28/23 16:10*	*08/28/23 23:02*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/28/23 16:10*	*08/28/23 23:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/28/23 16:10*	*08/28/23 23:02*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/28/23 16:10*	*08/28/23 23:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.9**		0.1		%			08/25/23 11:06	1
Percent Solids (EPA Moisture)	**87.1**		0.1		%			08/25/23 11:06	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13517-1

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13517-1	CS-12D (12.5)	83 *3	97 *3	154 S1+ *3	124 *3
620-13517-1 - RA	CS-12D (12.5)	83 *3	96 *3	144 *3 S1+	118 *3
620-13517-2	CS-12S (11)	97	98	100	99
LCS 620-26058/1-A	Lab Control Sample	97	100	104	100
LCS 620-26144/1-A	Lab Control Sample	98	101	99	101
LCSD 620-26058/2-A	Lab Control Sample Dup	98	99	102	99
LCSD 620-26144/2-A	Lab Control Sample Dup	99	101	99	100
MB 620-26058/3-A	Method Blank	95	96	101	98
MB 620-26144/3-A	Method Blank	98	98	100	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-26058/3-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26058

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Acetone	ND		0.0500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Acrylonitrile	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Benzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromochloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromoform	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromomethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Carbon disulfide	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloroethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloroform	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloromethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dibromomethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Methylene Chloride	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26058/3-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26058

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Styrene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Toluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Trichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Vinyl chloride	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
m,p-Xylene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
o-Xylene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
tert-Butanol	ND		0.100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,4-Dioxane	ND		0.100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethanol	ND		1.00		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Xylenes, Total	ND		0.0150		mg/Kg		08/25/23 09:51	08/25/23 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01919		mg/Kg		96	70 - 130
Acetone	0.0200	0.01950	J	mg/Kg		98	70 - 130
Acrylonitrile	0.0200	0.01974		mg/Kg		99	70 - 130
Benzene	0.0200	0.01867		mg/Kg		93	70 - 130
Bromobenzene	0.0200	0.01754		mg/Kg		88	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01774		mg/Kg		89	70 - 130
Bromodichloromethane	0.0200	0.01828		mg/Kg		91	70 - 130
Bromoform	0.0200	0.01790		mg/Kg		89	70 - 130
Bromomethane	0.0200	0.01921		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0200	0.02003		mg/Kg		100	70 - 130
2-Chlorotoluene	0.0200	0.02007		mg/Kg		100	70 - 130
n-Butylbenzene	0.0200	0.02058		mg/Kg		103	70 - 130
sec-Butylbenzene	0.0200	0.02022		mg/Kg		101	70 - 130
tert-Butylbenzene	0.0200	0.01828		mg/Kg		91	70 - 130
Carbon disulfide	0.0200	0.01976		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.01826		mg/Kg		91	70 - 130
Chlorobenzene	0.0200	0.01930		mg/Kg		97	70 - 130
Chloroethane	0.0200	0.02263		mg/Kg		113	70 - 130
Chloroform	0.0200	0.01819		mg/Kg		91	70 - 130
Chloromethane	0.0200	0.02143		mg/Kg		107	70 - 130
4-Chlorotoluene	0.0200	0.01975		mg/Kg		99	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01669		mg/Kg		83	70 - 130
Dibromochloromethane	0.0200	0.01736		mg/Kg		87	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01759		mg/Kg		88	70 - 130
Dibromomethane	0.0200	0.01779		mg/Kg		89	70 - 130
1,2-Dichlorobenzene	0.0200	0.01913		mg/Kg		96	70 - 130
1,3-Dichlorobenzene	0.0200	0.01895		mg/Kg		95	70 - 130
1,4-Dichlorobenzene	0.0200	0.01943		mg/Kg		97	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.02516		mg/Kg		126	70 - 130
1,1-Dichloroethane	0.0200	0.01897		mg/Kg		95	70 - 130
1,2-Dichloroethane	0.0200	0.01855		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0200	0.01848		mg/Kg		92	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01737		mg/Kg		87	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01762		mg/Kg		88	70 - 130
1,2-Dichloropropane	0.0200	0.01797		mg/Kg		90	70 - 130
1,3-Dichloropropane	0.0200	0.01842		mg/Kg		92	70 - 130
2,2-Dichloropropane	0.0200	0.01804		mg/Kg		90	70 - 130
1,1-Dichloropropene	0.0200	0.01836		mg/Kg		92	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01672		mg/Kg		84	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01840		mg/Kg		92	70 - 130
Ethylbenzene	0.0200	0.01960		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.01709		mg/Kg		85	70 - 130
2-Hexanone (MBK)	0.0200	0.01449		mg/Kg		72	70 - 130
Isopropylbenzene	0.0200	0.01939		mg/Kg		97	70 - 130
4-Isopropyltoluene	0.0200	0.02041		mg/Kg		102	70 - 130
Methyl tert-butyl ether	0.0200	0.01749		mg/Kg		87	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01822		mg/Kg		91	70 - 130
Methylene Chloride	0.0200	0.02177		mg/Kg		109	70 - 130
Naphthalene	0.0200	0.01553		mg/Kg		78	70 - 130
N-Propylbenzene	0.0200	0.02035		mg/Kg		102	70 - 130
Styrene	0.0200	0.01940		mg/Kg		97	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01844		mg/Kg		92	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.02046		mg/Kg		102	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.01668		mg/Kg		83	70 - 130
Toluene	0.0200	0.01891		mg/Kg		95	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.01703		mg/Kg		85	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01568		mg/Kg		78	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01722		mg/Kg		86	70 - 130
1,1,1-Trichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130
1,1,2-Trichloroethane	0.0200	0.01865		mg/Kg		93	70 - 130
Trichloroethene	0.0200	0.01851		mg/Kg		93	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01962		mg/Kg		98	70 - 130
1,2,3-Trichloropropane	0.0200	0.02067		mg/Kg		103	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01984		mg/Kg		99	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02018		mg/Kg		101	70 - 130
Vinyl chloride	0.0200	0.02155		mg/Kg		108	70 - 130
m,p-Xylene	0.0200	0.01939		mg/Kg		97	70 - 130
o-Xylene	0.0200	0.01861		mg/Kg		93	70 - 130
Tetrahydrofuran	0.0200	0.01622		mg/Kg		81	70 - 130
Ethyl ether	0.0200	0.01808		mg/Kg		90	70 - 130
Tert-amyl methyl ether	0.0200	0.01690		mg/Kg		85	70 - 130
Ethyl tert-butyl ether	0.0200	0.01664		mg/Kg		83	70 - 130
di-Isopropyl ether	0.0200	0.01751		mg/Kg		88	70 - 130
tert-Butanol	0.200	0.1765		mg/Kg		88	70 - 130
1,4-Dioxane	0.200	0.1407		mg/Kg		70	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01876	J	mg/Kg		94	70 - 130
Ethanol	0.400	0.3182	J	mg/Kg		80	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01827		mg/Kg		91	70 - 130	5	30
Acetone	0.0200	0.02219	J	mg/Kg		111	70 - 130	13	30
Acrylonitrile	0.0200	0.01942		mg/Kg		97	70 - 130	2	30
Benzene	0.0200	0.01853		mg/Kg		93	70 - 130	1	30
Bromobenzene	0.0200	0.01782		mg/Kg		89	70 - 130	2	30
Bromochloromethane	0.0200	0.01848		mg/Kg		92	70 - 130	4	30
Bromodichloromethane	0.0200	0.01814		mg/Kg		91	70 - 130	1	30
Bromoform	0.0200	0.01818		mg/Kg		91	70 - 130	2	30
Bromomethane	0.0200	0.01825		mg/Kg		91	70 - 130	5	30
2-Butanone (MEK)	0.0200	0.02110		mg/Kg		105	70 - 130	5	30
2-Chlorotoluene	0.0200	0.01869		mg/Kg		93	70 - 130	7	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02009		mg/Kg		100	70 - 130	2	30
sec-Butylbenzene	0.0200	0.01980		mg/Kg		99	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01803		mg/Kg		90	70 - 130	1	30
Carbon disulfide	0.0200	0.01918		mg/Kg		96	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01772		mg/Kg		89	70 - 130	3	30
Chlorobenzene	0.0200	0.01886		mg/Kg		94	70 - 130	2	30
Chloroethane	0.0200	0.02191		mg/Kg		110	70 - 130	3	30
Chloroform	0.0200	0.01790		mg/Kg		89	70 - 130	2	30
Chloromethane	0.0200	0.02070		mg/Kg		104	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01926		mg/Kg		96	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01874		mg/Kg		94	70 - 130	12	30
Dibromochloromethane	0.0200	0.01723		mg/Kg		86	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.01800		mg/Kg		90	70 - 130	2	30
Dibromomethane	0.0200	0.01761		mg/Kg		88	70 - 130	1	30
1,2-Dichlorobenzene	0.0200	0.01926		mg/Kg		96	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.01879		mg/Kg		94	70 - 130	1	30
1,4-Dichlorobenzene	0.0200	0.01936		mg/Kg		97	70 - 130	0	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.02399		mg/Kg		120	70 - 130	5	30
1,1-Dichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130	4	30
1,2-Dichloroethane	0.0200	0.01845		mg/Kg		92	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.01819		mg/Kg		91	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.01724		mg/Kg		86	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01764		mg/Kg		88	70 - 130	0	30
1,2-Dichloropropane	0.0200	0.01764		mg/Kg		88	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01837		mg/Kg		92	70 - 130	0	30
2,2-Dichloropropane	0.0200	0.01788		mg/Kg		89	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01804		mg/Kg		90	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01703		mg/Kg		85	70 - 130	2	30
trans-1,3-Dichloropropene	0.0200	0.01830		mg/Kg		92	70 - 130	1	30
Ethylbenzene	0.0200	0.01945		mg/Kg		97	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.01684		mg/Kg		84	70 - 130	2	30
2-Hexanone (MBK)	0.0200	0.01667		mg/Kg		83	70 - 130	14	30
Isopropylbenzene	0.0200	0.01932		mg/Kg		97	70 - 130	0	30
4-Isopropyltoluene	0.0200	0.02024		mg/Kg		101	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.01753		mg/Kg		88	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01960		mg/Kg		98	70 - 130	7	30
Methylene Chloride	0.0200	0.02214		mg/Kg		111	70 - 130	2	30
Naphthalene	0.0200	0.01654		mg/Kg		83	70 - 130	6	30
N-Propylbenzene	0.0200	0.01974		mg/Kg		99	70 - 130	3	30
Styrene	0.0200	0.01904		mg/Kg		95	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01830		mg/Kg		91	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.02088		mg/Kg		104	70 - 130	2	30
Tetrachloroethene	0.0200	0.01677		mg/Kg		84	70 - 130	1	30
Toluene	0.0200	0.01841		mg/Kg		92	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.01791		mg/Kg		90	70 - 130	5	30
1,2,4-Trichlorobenzene	0.0200	0.01605		mg/Kg		80	70 - 130	2	30
1,3,5-Trichlorobenzene	0.0200	0.01727		mg/Kg		86	70 - 130	0	30
1,1,1-Trichloroethane	0.0200	0.01772		mg/Kg		89	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01846		mg/Kg		92	70 - 130	1	30
Trichloroethene			0.0200	0.01823		mg/Kg		91	70 - 130	2	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01903		mg/Kg		95	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.02097		mg/Kg		105	70 - 130	1	30
1,2,4-Trimethylbenzene			0.0200	0.01947		mg/Kg		97	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01975		mg/Kg		99	70 - 130	2	30
Vinyl chloride			0.0200	0.02097		mg/Kg		105	70 - 130	3	30
m,p-Xylene			0.0200	0.01904		mg/Kg		95	70 - 130	2	30
o-Xylene			0.0200	0.01860		mg/Kg		93	70 - 130	0	30
Tetrahydrofuran			0.0200	0.01866		mg/Kg		93	70 - 130	14	30
Ethyl ether			0.0200	0.01859		mg/Kg		93	70 - 130	3	30
Tert-amyl methyl ether			0.0200	0.01711		mg/Kg		86	70 - 130	1	30
Ethyl tert-butyl ether			0.0200	0.01701		mg/Kg		85	70 - 130	2	30
di-Isopropyl ether			0.0200	0.01776		mg/Kg		89	70 - 130	1	30
tert-Butanol			0.200	0.1876		mg/Kg		94	70 - 130	6	30
1,4-Dioxane			0.200	0.1508		mg/Kg		75	70 - 130	7	30
trans-1,4-Dichloro-2-butene			0.0200	0.01908	J	mg/Kg		95	70 - 130	2	30
Ethanol			0.400	0.3560	J	mg/Kg		89	70 - 130	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 620-26144/3-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26144

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Acetone	ND		0.0500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Acrylonitrile	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Benzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Bromobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Bromochloromethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Bromoform	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Bromomethane	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Carbon disulfide	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Chlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26144/3-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26144

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Chloroform	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Chloromethane	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Dibromomethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Ethylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Methylene Chloride	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Naphthalene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Styrene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Toluene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Trichloroethene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Vinyl chloride	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26144/3-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26144

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
o-Xylene	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Ethyl ether	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
tert-Butanol	ND		0.100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,4-Dioxane	ND		0.100		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Ethanol	ND		1.00		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/28/23 16:10	08/28/23 20:29	1
Xylenes, Total	ND		0.0150		mg/Kg		08/28/23 16:10	08/28/23 20:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/28/23 16:10*	*08/28/23 20:29*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/28/23 16:10*	*08/28/23 20:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/28/23 16:10*	*08/28/23 20:29*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/28/23 16:10*	*08/28/23 20:29*	*1*

Lab Sample ID: LCS 620-26144/1-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01876		mg/Kg		94	70 - 130
Acetone	0.0200	0.01795	J	mg/Kg		90	70 - 130
Acrylonitrile	0.0200	0.02084		mg/Kg		104	70 - 130
Benzene	0.0200	0.01905		mg/Kg		95	70 - 130
Bromobenzene	0.0200	0.01794		mg/Kg		90	70 - 130
Bromochloromethane	0.0200	0.01943		mg/Kg		97	70 - 130
Bromodichloromethane	0.0200	0.02072		mg/Kg		104	70 - 130
Bromoform	0.0200	0.01996		mg/Kg		100	70 - 130
Bromomethane	0.0200	0.01833		mg/Kg		92	70 - 130
2-Butanone (MEK)	0.0200	0.01475		mg/Kg		74	70 - 130
2-Chlorotoluene	0.0200	0.01923		mg/Kg		96	70 - 130
n-Butylbenzene	0.0200	0.01969		mg/Kg		98	70 - 130
sec-Butylbenzene	0.0200	0.01900		mg/Kg		95	70 - 130
tert-Butylbenzene	0.0200	0.01951		mg/Kg		98	70 - 130
Carbon disulfide	0.0200	0.01799		mg/Kg		90	70 - 130
Carbon tetrachloride	0.0200	0.01823		mg/Kg		91	70 - 130
Chlorobenzene	0.0200	0.01975		mg/Kg		99	70 - 130
Chloroethane	0.0200	0.01787		mg/Kg		89	70 - 130
Chloroform	0.0200	0.01794		mg/Kg		90	70 - 130
Chloromethane	0.0200	0.02764	*+	mg/Kg		138	70 - 130
4-Chlorotoluene	0.0200	0.01814		mg/Kg		91	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01843		mg/Kg		92	70 - 130
Dibromochloromethane	0.0200	0.02103		mg/Kg		105	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26144/1-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01931		mg/Kg		97	70 - 130
Dibromomethane	0.0200	0.01908		mg/Kg		95	70 - 130
1,2-Dichlorobenzene	0.0200	0.01968		mg/Kg		98	70 - 130
1,3-Dichlorobenzene	0.0200	0.01878		mg/Kg		94	70 - 130
1,4-Dichlorobenzene	0.0200	0.01887		mg/Kg		94	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03269	*+	mg/Kg		163	70 - 130
1,1-Dichloroethane	0.0200	0.01947		mg/Kg		97	70 - 130
1,2-Dichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130
1,1-Dichloroethene	0.0200	0.01972		mg/Kg		99	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01941		mg/Kg		97	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01982		mg/Kg		99	70 - 130
1,2-Dichloropropane	0.0200	0.02052		mg/Kg		103	70 - 130
1,3-Dichloropropane	0.0200	0.01866		mg/Kg		93	70 - 130
2,2-Dichloropropane	0.0200	0.01817		mg/Kg		91	70 - 130
1,1-Dichloropropene	0.0200	0.01698		mg/Kg		85	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01849		mg/Kg		92	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01907		mg/Kg		95	70 - 130
Ethylbenzene	0.0200	0.01861		mg/Kg		93	70 - 130
Hexachlorobutadiene	0.0200	0.01830		mg/Kg		92	70 - 130
2-Hexanone (MBK)	0.0200	0.01585		mg/Kg		79	70 - 130
Isopropylbenzene	0.0200	0.01875		mg/Kg		94	70 - 130
4-Isopropyltoluene	0.0200	0.01888		mg/Kg		94	70 - 130
Methyl tert-butyl ether	0.0200	0.01850		mg/Kg		92	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01879		mg/Kg		94	70 - 130
Methylene Chloride	0.0200	0.01721		mg/Kg		86	70 - 130
Naphthalene	0.0200	0.01873		mg/Kg		94	70 - 130
N-Propylbenzene	0.0200	0.01874		mg/Kg		94	70 - 130
Styrene	0.0200	0.01900		mg/Kg		95	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01849		mg/Kg		92	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01983		mg/Kg		99	70 - 130
Tetrachloroethene	0.0200	0.01848		mg/Kg		92	70 - 130
Toluene	0.0200	0.01861		mg/Kg		93	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02033		mg/Kg		102	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01938		mg/Kg		97	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01884		mg/Kg		94	70 - 130
1,1,1-Trichloroethane	0.0200	0.01859		mg/Kg		93	70 - 130
1,1,2-Trichloroethane	0.0200	0.02064		mg/Kg		103	70 - 130
Trichloroethene	0.0200	0.01823		mg/Kg		91	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02072		mg/Kg		104	70 - 130
1,2,3-Trichloropropane	0.0200	0.01777		mg/Kg		89	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01907		mg/Kg		95	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01911		mg/Kg		96	70 - 130
Vinyl chloride	0.0200	0.02240		mg/Kg		112	70 - 130
m,p-Xylene	0.0400	0.03981		mg/Kg		100	70 - 130
o-Xylene	0.0200	0.01978		mg/Kg		99	70 - 130
Tetrahydrofuran	0.0200	0.01826		mg/Kg		91	70 - 130
Ethyl ether	0.0200	0.01745		mg/Kg		87	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26144/1-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01910		mg/Kg		95	70 - 130
Ethyl tert-butyl ether	0.0200	0.01875		mg/Kg		94	70 - 130
di-Isopropyl ether	0.0200	0.01865		mg/Kg		93	70 - 130
tert-Butanol	0.200	0.1929		mg/Kg		96	70 - 130
1,4-Dioxane	0.200	0.1948		mg/Kg		97	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.02036	J	mg/Kg		102	70 - 130
Ethanol	0.400	0.3660	J	mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 620-26144/2-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26144

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01867		mg/Kg		93	70 - 130	0	30
Acetone	0.0200	0.01643	J	mg/Kg		82	70 - 130	9	30
Acrylonitrile	0.0200	0.02269		mg/Kg		113	70 - 130	8	30
Benzene	0.0200	0.01962		mg/Kg		98	70 - 130	3	30
Bromobenzene	0.0200	0.01956		mg/Kg		98	70 - 130	9	30
Bromochloromethane	0.0200	0.02028		mg/Kg		101	70 - 130	4	30
Bromodichloromethane	0.0200	0.02139		mg/Kg		107	70 - 130	3	30
Bromoform	0.0200	0.02224		mg/Kg		111	70 - 130	11	30
Bromomethane	0.0200	0.01892		mg/Kg		95	70 - 130	3	30
2-Butanone (MEK)	0.0200	0.01689		mg/Kg		84	70 - 130	14	30
2-Chlorotoluene	0.0200	0.02069		mg/Kg		103	70 - 130	7	30
n-Butylbenzene	0.0200	0.02049		mg/Kg		102	70 - 130	4	30
sec-Butylbenzene	0.0200	0.01996		mg/Kg		100	70 - 130	5	30
tert-Butylbenzene	0.0200	0.02072		mg/Kg		104	70 - 130	6	30
Carbon disulfide	0.0200	0.01870		mg/Kg		94	70 - 130	4	30
Carbon tetrachloride	0.0200	0.01874		mg/Kg		94	70 - 130	3	30
Chlorobenzene	0.0200	0.02090		mg/Kg		104	70 - 130	6	30
Chloroethane	0.0200	0.01853		mg/Kg		93	70 - 130	4	30
Chloroform	0.0200	0.01857		mg/Kg		93	70 - 130	3	30
Chloromethane	0.0200	0.02942	*+	mg/Kg		147	70 - 130	6	30
4-Chlorotoluene	0.0200	0.01989		mg/Kg		99	70 - 130	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02089		mg/Kg		104	70 - 130	13	30
Dibromochloromethane	0.0200	0.02249		mg/Kg		112	70 - 130	7	30
1,2-Dibromoethane (EDB)	0.0200	0.02082		mg/Kg		104	70 - 130	8	30
Dibromomethane	0.0200	0.02035		mg/Kg		102	70 - 130	6	30
1,2-Dichlorobenzene	0.0200	0.02188		mg/Kg		109	70 - 130	11	30
1,3-Dichlorobenzene	0.0200	0.02036		mg/Kg		102	70 - 130	8	30
1,4-Dichlorobenzene	0.0200	0.02029		mg/Kg		101	70 - 130	7	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26144/2-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26144

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03339	*+	mg/Kg		167	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.02005		mg/Kg		100	70 - 130	3	30
1,2-Dichloroethane	0.0200	0.01914		mg/Kg		96	70 - 130	5	30
1,1-Dichloroethene	0.0200	0.02029		mg/Kg		101	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.02047		mg/Kg		102	70 - 130	5	30
trans-1,2-Dichloroethene	0.0200	0.02069		mg/Kg		103	70 - 130	4	30
1,2-Dichloropropane	0.0200	0.02157		mg/Kg		108	70 - 130	5	30
1,3-Dichloropropane	0.0200	0.01976		mg/Kg		99	70 - 130	6	30
2,2-Dichloropropane	0.0200	0.01948		mg/Kg		97	70 - 130	7	30
1,1-Dichloropropene	0.0200	0.01781		mg/Kg		89	70 - 130	5	30
cis-1,3-Dichloropropene	0.0200	0.01967		mg/Kg		98	70 - 130	6	30
trans-1,3-Dichloropropene	0.0200	0.02023		mg/Kg		101	70 - 130	6	30
Ethylbenzene	0.0200	0.01979		mg/Kg		99	70 - 130	6	30
Hexachlorobutadiene	0.0200	0.01911		mg/Kg		96	70 - 130	4	30
2-Hexanone (MBK)	0.0200	0.01737		mg/Kg		87	70 - 130	9	30
Isopropylbenzene	0.0200	0.01987		mg/Kg		99	70 - 130	6	30
4-Isopropyltoluene	0.0200	0.01951		mg/Kg		98	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.01945		mg/Kg		97	70 - 130	5	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02092		mg/Kg		105	70 - 130	11	30
Methylene Chloride	0.0200	0.01791		mg/Kg		90	70 - 130	4	30
Naphthalene	0.0200	0.02028		mg/Kg		101	70 - 130	8	30
N-Propylbenzene	0.0200	0.01964		mg/Kg		98	70 - 130	5	30
Styrene	0.0200	0.02062		mg/Kg		103	70 - 130	8	30
1,1,1,2-Tetrachloroethane	0.0200	0.01973		mg/Kg		99	70 - 130	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.02222		mg/Kg		111	70 - 130	11	30
Tetrachloroethene	0.0200	0.01903		mg/Kg		95	70 - 130	3	30
Toluene	0.0200	0.01944		mg/Kg		97	70 - 130	4	30
1,2,3-Trichlorobenzene	0.0200	0.02166		mg/Kg		108	70 - 130	6	30
1,2,4-Trichlorobenzene	0.0200	0.02155		mg/Kg		108	70 - 130	11	30
1,3,5-Trichlorobenzene	0.0200	0.02041		mg/Kg		102	70 - 130	8	30
1,1,1-Trichloroethane	0.0200	0.01923		mg/Kg		96	70 - 130	3	30
1,1,2-Trichloroethane	0.0200	0.02209		mg/Kg		110	70 - 130	7	30
Trichloroethene	0.0200	0.01891		mg/Kg		95	70 - 130	4	30
Trichlorofluoromethane (Freon 11)	0.0200	0.02101		mg/Kg		105	70 - 130	1	30
1,2,3-Trichloropropane	0.0200	0.02003		mg/Kg		100	70 - 130	12	30
1,2,4-Trimethylbenzene	0.0200	0.02044		mg/Kg		102	70 - 130	7	30
1,3,5-Trimethylbenzene	0.0200	0.02014		mg/Kg		101	70 - 130	5	30
Vinyl chloride	0.0200	0.02358		mg/Kg		118	70 - 130	5	30
m,p-Xylene	0.0400	0.04181		mg/Kg		105	70 - 130	5	30
o-Xylene	0.0200	0.02104		mg/Kg		105	70 - 130	6	30
Tetrahydrofuran	0.0200	0.02033		mg/Kg		102	70 - 130	11	30
Ethyl ether	0.0200	0.01830		mg/Kg		91	70 - 130	5	30
Tert-amyl methyl ether	0.0200	0.02054		mg/Kg		103	70 - 130	7	30
Ethyl tert-butyl ether	0.0200	0.01995		mg/Kg		100	70 - 130	6	30
di-Isopropyl ether	0.0200	0.01957		mg/Kg		98	70 - 130	5	30
tert-Butanol	0.200	0.2175		mg/Kg		109	70 - 130	12	30
1,4-Dioxane	0.200	0.2133		mg/Kg		107	70 - 130	9	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26144/2-A
Matrix: Solid
Analysis Batch: 26146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26144

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.02247	J	mg/Kg		112	70 - 130	10	30
Ethanol			0.400	0.4298	J	mg/Kg		107	70 - 130	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 620-13517-1 DU
Matrix: Solid
Analysis Batch: 26077

Client Sample ID: CS-12D (12.5)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	17.9			17.3		%				3	5
Percent Solids	82.1			82.7		%				0.7	5

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1	CS-12D (12.5)	Total/NA	Solid	Frozen Preserve	
620-13517-1 - RA	CS-12D (12.5)	Total/NA	Solid	Frozen Preserve	
620-13517-2	CS-12S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1	CS-12D (12.5)	Total/NA	Solid	5035	26047
MB 620-26058/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26058/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26058/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1	CS-12D (12.5)	Total/NA	Solid	8260C	26058
MB 620-26058/3-A	Method Blank	Total/NA	Solid	8260C	26058
LCS 620-26058/1-A	Lab Control Sample	Total/NA	Solid	8260C	26058
LCSD 620-26058/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26058

Prep Batch: 26144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1 - RA	CS-12D (12.5)	Total/NA	Solid	5035	26047
620-13517-2	CS-12S (11)	Total/NA	Solid	5035	26047
MB 620-26144/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26144/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26144/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1 - RA	CS-12D (12.5)	Total/NA	Solid	8260C	26144
620-13517-2	CS-12S (11)	Total/NA	Solid	8260C	26144
MB 620-26144/3-A	Method Blank	Total/NA	Solid	8260C	26144
LCS 620-26144/1-A	Lab Control Sample	Total/NA	Solid	8260C	26144
LCSD 620-26144/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26144

General Chemistry

Analysis Batch: 26077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13517-1	CS-12D (12.5)	Total/NA	Solid	Moisture	
620-13517-2	CS-12S (11)	Total/NA	Solid	Moisture	
620-13517-1 DU	CS-12D (12.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-12D (12.5)
Lab Sample ID: 620-13517-1
Date Collected: 08/24/23 08:00
Matrix: Solid
Date Received: 08/24/23 18:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26077	DWC	EET NE	08/25/23 11:06

Client Sample ID: CS-12D (12.5)
Lab Sample ID: 620-13517-1
Date Collected: 08/24/23 08:00
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26047	KFS	EET NE	08/24/23 20:37
Total/NA	Prep	5035			26058	CLR	EET NE	08/25/23 09:51
Total/NA	Analysis	8260C		1	26059	CLR	EET NE	08/25/23 14:15
Total/NA	Pre Prep	Frozen Preserve	RA		26047	KFS	EET NE	08/24/23 20:37
Total/NA	Prep	5035	RA		26144	CLR	EET NE	08/28/23 16:10
Total/NA	Analysis	8260C	RA	1	26146	CLR	EET NE	08/28/23 22:37

Client Sample ID: CS-12S (11)
Lab Sample ID: 620-13517-2
Date Collected: 08/24/23 08:15
Matrix: Solid
Date Received: 08/24/23 18:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26077	DWC	EET NE	08/25/23 11:06

Client Sample ID: CS-12S (11)
Lab Sample ID: 620-13517-2
Date Collected: 08/24/23 08:15
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26047	KFS	EET NE	08/24/23 20:37
Total/NA	Prep	5035			26144	CLR	EET NE	08/28/23 16:10
Total/NA	Analysis	8260C		1	26146	CLR	EET NE	08/28/23 23:02

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13517-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13517-1	CS-12D (12.5)	Solid	08/24/23 08:00	08/24/23 18:03
620-13517-2	CS-12S (11)	Solid	08/24/23 08:15	08/24/23 18:03

620-13517 Chain of Custody

ment Testing
gland

13517

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P.O No:
Quote #:

Project No.: 1503708-3001-500
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): Don Custer

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-12D(12.5)	8-24-23	0820	G	SO	3			1	X	☐
-2	CS-12S(11)	8-24-23	0815	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other:
State-specific reporting standards.

Relinquished by:	Received by:	Date:	Time:	Temp °C
		8/24/23	1445	Observed 1.8
		8/24/23	18:03	Correction Factor +0.2
				Corrected 2.0

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852

www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Quality Control Requirements: *Indicate if your project will have Project specific field quality control samples. Check all that apply. Also specify if special QA/QC site requirements exist: i.e., QAPP*

■ Matrix Spike, ■ Matrix Spike Dup, ■ Trip Blank(s),

☐ Other Field QC:

☐ Project QAPP (send appropriate section(s) to lab)

Report Deliverables Requirements: *Indicate any reporting requirements other than routine lab data sheets such as electronic formats:*

■ Excel Tables, ☐ GISKey, ☐ Envirodata, ■ Equis, ☐ Other:

Expected Sampling Date(s): *Indicate expected number of sampling events or duration*

Total Number of Samples and Expected Sample Load Per Day: *(indicate number of each matrix if applicable)*

~50 samples (mostly soil) with ~5 GW samples. Estimate 8-12 samples per day.

Sample Pick Up: ☐ office(s), ■ site (address), ☐ other

135 New Road, Madison, CT

Special Instructions:

☐ Report TICs

Notes:

There are standard target analytes for organic analysis. Refer to the methods for a list of specific compounds. If a contaminant of concern is not contained on the target list of a method, it is important that the laboratory know this prior to sampling. Prior notification will allow the laboratory to obtain standards and perform necessary instrument calibration to insure proper identification and quantification. ***If requesting non-routine compounds that have no regulatory criteria, indicate required reporting limit for each compound***

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13517-1

Login Number: 13517
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

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JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13516-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

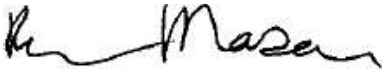
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Becky Mason, Project Manager II
Becky.Mason@et.eurofinsus.com
Designee for
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13516-1

Laboratory Sample ID(s): 620-13516-1

Sampling Date(s): 08/24/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ Position: Project Manager II

Printed Name: Becky Mason Date: 08/25/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13516-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13516-1

Receipt
The sample was received on 8/24/2023 6:03 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC/MS VOA
Method 8260RCP: The continuing calibration verification (CCV) associated with batch 620-26059 exhibited % difference of > 20% for the following analytes: Naphthalene, 1,2-Dibromo-3-Chloropropane, 1,2,4-Trichlorobenzene, and 1,2,3-Trichlorobenzene; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-13 (14')
Lab Sample ID: 620-13516-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	0.0162		0.00872		mg/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	0.00460		0.00436		mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-13 (14')
Lab Sample ID: 620-13516-1
Date Collected: 08/24/23 10:45
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 73.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Acetone	ND		0.0436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Acrylonitrile	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Benzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Bromobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Bromochloromethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Bromodichloromethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Bromoform	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Bromomethane	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
2-Butanone (MEK)	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
2-Chlorotoluene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
n-Butylbenzene	**0.0162**		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
sec-Butylbenzene	**0.00460**		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
tert-Butylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Carbon disulfide	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Carbon tetrachloride	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Chlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Chloroethane	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Chloroform	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Chloromethane	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
4-Chlorotoluene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2-Dibromo-3-Chloropropane	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Dibromochloromethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2-Dibromoethane (EDB)	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Dibromomethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,3-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,4-Dichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Dichlorodifluoromethane (Freon 12)	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1-Dichloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2-Dichloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1-Dichloroethene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
cis-1,2-Dichloroethene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
trans-1,2-Dichloroethene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2-Dichloropropane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,3-Dichloropropane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
2,2-Dichloropropane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1-Dichloropropene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
cis-1,3-Dichloropropene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
trans-1,3-Dichloropropene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Ethylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Hexachlorobutadiene	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
2-Hexanone (MBK)	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Isopropylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
4-Isopropyltoluene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Methyl tert-butyl ether	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Methylene Chloride	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Naphthalene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-13 (14')
Date Collected: 08/24/23 10:45
Date Received: 08/24/23 18:03

Lab Sample ID: 620-13516-1
Matrix: Solid
Percent Solids: 73.9

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Styrene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1,1,2-Tetrachloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1,2,2-Tetrachloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Tetrachloroethene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Toluene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2,3-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2,4-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,3,5-Trichlorobenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1,1-Trichloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,1,2-Trichloroethane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Trichloroethene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Trichlorofluoromethane (Freon 11)	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2,3-Trichloropropane	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,2,4-Trimethylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,3,5-Trimethylbenzene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Vinyl chloride	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
m,p-Xylene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
o-Xylene	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Tetrahydrofuran	ND		0.00872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Ethyl ether	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Tert-amyl methyl ether	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Ethyl tert-butyl ether	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
di-Isopropyl ether	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
tert-Butanol	ND		0.0872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,4-Dioxane	ND		0.0872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
trans-1,4-Dichloro-2-butene	ND		0.0218		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Ethanol	ND		0.872		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
1,3-Dichloropropene, Total	ND		0.00436		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1
Xylenes, Total	ND		0.0131		mg/Kg	☼	08/25/23 15:04	08/25/23 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/25/23 15:04*	*08/25/23 15:21*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/25/23 15:04*	*08/25/23 15:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/25/23 15:04*	*08/25/23 15:21*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/25/23 15:04*	*08/25/23 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**26.1**		0.1		%			08/25/23 11:06	1
Percent Solids (EPA Moisture)	**73.9**		0.1		%			08/25/23 11:06	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13516-1	CS-13 (14')	102	99	97	97
LCS 620-26058/1-A	Lab Control Sample	97	100	104	100
LCSD 620-26058/2-A	Lab Control Sample Dup	98	99	102	99
MB 620-26058/3-A	Method Blank	95	96	101	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-26058/3-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26058

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Acetone	ND		0.0500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Acrylonitrile	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Benzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromochloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromodichloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromoform	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Bromomethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Chlorotoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
n-Butylbenzene	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
sec-Butylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
tert-Butylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Carbon disulfide	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Carbon tetrachloride	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloroethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloroform	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Chloromethane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Chlorotoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dibromochloromethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dibromomethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Isopropylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Methylene Chloride	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26058/3-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26058

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
N-Propylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Styrene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tetrachloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Toluene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Trichloroethene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Vinyl chloride	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
m,p-Xylene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
o-Xylene	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tetrahydrofuran	ND		0.0100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
di-Isopropyl ether	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
tert-Butanol	ND		0.100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,4-Dioxane	ND		0.100		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Ethanol	ND		1.00		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		08/25/23 09:51	08/25/23 13:00	1
Xylenes, Total	ND		0.0150		mg/Kg		08/25/23 09:51	08/25/23 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/25/23 09:51*	*08/25/23 13:00*	*1*

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01919		mg/Kg		96	70 - 130
Acetone	0.0200	0.01950	J	mg/Kg		98	70 - 130
Acrylonitrile	0.0200	0.01974		mg/Kg		99	70 - 130
Benzene	0.0200	0.01867		mg/Kg		93	70 - 130
Bromobenzene	0.0200	0.01754		mg/Kg		88	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01774		mg/Kg		89	70 - 130
Bromodichloromethane	0.0200	0.01828		mg/Kg		91	70 - 130
Bromoform	0.0200	0.01790		mg/Kg		89	70 - 130
Bromomethane	0.0200	0.01921		mg/Kg		96	70 - 130
2-Butanone (MEK)	0.0200	0.02003		mg/Kg		100	70 - 130
2-Chlorotoluene	0.0200	0.02007		mg/Kg		100	70 - 130
n-Butylbenzene	0.0200	0.02058		mg/Kg		103	70 - 130
sec-Butylbenzene	0.0200	0.02022		mg/Kg		101	70 - 130
tert-Butylbenzene	0.0200	0.01828		mg/Kg		91	70 - 130
Carbon disulfide	0.0200	0.01976		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.01826		mg/Kg		91	70 - 130
Chlorobenzene	0.0200	0.01930		mg/Kg		97	70 - 130
Chloroethane	0.0200	0.02263		mg/Kg		113	70 - 130
Chloroform	0.0200	0.01819		mg/Kg		91	70 - 130
Chloromethane	0.0200	0.02143		mg/Kg		107	70 - 130
4-Chlorotoluene	0.0200	0.01975		mg/Kg		99	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01669		mg/Kg		83	70 - 130
Dibromochloromethane	0.0200	0.01736		mg/Kg		87	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01759		mg/Kg		88	70 - 130
Dibromomethane	0.0200	0.01779		mg/Kg		89	70 - 130
1,2-Dichlorobenzene	0.0200	0.01913		mg/Kg		96	70 - 130
1,3-Dichlorobenzene	0.0200	0.01895		mg/Kg		95	70 - 130
1,4-Dichlorobenzene	0.0200	0.01943		mg/Kg		97	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.02516		mg/Kg		126	70 - 130
1,1-Dichloroethane	0.0200	0.01897		mg/Kg		95	70 - 130
1,2-Dichloroethane	0.0200	0.01855		mg/Kg		93	70 - 130
1,1-Dichloroethene	0.0200	0.01848		mg/Kg		92	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01737		mg/Kg		87	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01762		mg/Kg		88	70 - 130
1,2-Dichloropropane	0.0200	0.01797		mg/Kg		90	70 - 130
1,3-Dichloropropane	0.0200	0.01842		mg/Kg		92	70 - 130
2,2-Dichloropropane	0.0200	0.01804		mg/Kg		90	70 - 130
1,1-Dichloropropene	0.0200	0.01836		mg/Kg		92	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01672		mg/Kg		84	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01840		mg/Kg		92	70 - 130
Ethylbenzene	0.0200	0.01960		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.01709		mg/Kg		85	70 - 130
2-Hexanone (MBK)	0.0200	0.01449		mg/Kg		72	70 - 130
Isopropylbenzene	0.0200	0.01939		mg/Kg		97	70 - 130
4-Isopropyltoluene	0.0200	0.02041		mg/Kg		102	70 - 130
Methyl tert-butyl ether	0.0200	0.01749		mg/Kg		87	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01822		mg/Kg		91	70 - 130
Methylene Chloride	0.0200	0.02177		mg/Kg		109	70 - 130
Naphthalene	0.0200	0.01553		mg/Kg		78	70 - 130
N-Propylbenzene	0.0200	0.02035		mg/Kg		102	70 - 130
Styrene	0.0200	0.01940		mg/Kg		97	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01844		mg/Kg		92	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.02046		mg/Kg		102	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26058/1-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.01668		mg/Kg		83	70 - 130
Toluene	0.0200	0.01891		mg/Kg		95	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.01703		mg/Kg		85	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.01568		mg/Kg		78	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01722		mg/Kg		86	70 - 130
1,1,1-Trichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130
1,1,2-Trichloroethane	0.0200	0.01865		mg/Kg		93	70 - 130
Trichloroethene	0.0200	0.01851		mg/Kg		93	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01962		mg/Kg		98	70 - 130
1,2,3-Trichloropropane	0.0200	0.02067		mg/Kg		103	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01984		mg/Kg		99	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02018		mg/Kg		101	70 - 130
Vinyl chloride	0.0200	0.02155		mg/Kg		108	70 - 130
m,p-Xylene	0.0200	0.01939		mg/Kg		97	70 - 130
o-Xylene	0.0200	0.01861		mg/Kg		93	70 - 130
Tetrahydrofuran	0.0200	0.01622		mg/Kg		81	70 - 130
Ethyl ether	0.0200	0.01808		mg/Kg		90	70 - 130
Tert-amyl methyl ether	0.0200	0.01690		mg/Kg		85	70 - 130
Ethyl tert-butyl ether	0.0200	0.01664		mg/Kg		83	70 - 130
di-Isopropyl ether	0.0200	0.01751		mg/Kg		88	70 - 130
tert-Butanol	0.200	0.1765		mg/Kg		88	70 - 130
1,4-Dioxane	0.200	0.1407		mg/Kg		70	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01876	J	mg/Kg		94	70 - 130
Ethanol	0.400	0.3182	J	mg/Kg		80	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01827		mg/Kg		91	70 - 130	5	30
Acetone	0.0200	0.02219	J	mg/Kg		111	70 - 130	13	30
Acrylonitrile	0.0200	0.01942		mg/Kg		97	70 - 130	2	30
Benzene	0.0200	0.01853		mg/Kg		93	70 - 130	1	30
Bromobenzene	0.0200	0.01782		mg/Kg		89	70 - 130	2	30
Bromochloromethane	0.0200	0.01848		mg/Kg		92	70 - 130	4	30
Bromodichloromethane	0.0200	0.01814		mg/Kg		91	70 - 130	1	30
Bromoform	0.0200	0.01818		mg/Kg		91	70 - 130	2	30
Bromomethane	0.0200	0.01825		mg/Kg		91	70 - 130	5	30
2-Butanone (MEK)	0.0200	0.02110		mg/Kg		105	70 - 130	5	30
2-Chlorotoluene	0.0200	0.01869		mg/Kg		93	70 - 130	7	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02009		mg/Kg		100	70 - 130	2	30
sec-Butylbenzene	0.0200	0.01980		mg/Kg		99	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01803		mg/Kg		90	70 - 130	1	30
Carbon disulfide	0.0200	0.01918		mg/Kg		96	70 - 130	3	30
Carbon tetrachloride	0.0200	0.01772		mg/Kg		89	70 - 130	3	30
Chlorobenzene	0.0200	0.01886		mg/Kg		94	70 - 130	2	30
Chloroethane	0.0200	0.02191		mg/Kg		110	70 - 130	3	30
Chloroform	0.0200	0.01790		mg/Kg		89	70 - 130	2	30
Chloromethane	0.0200	0.02070		mg/Kg		104	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01926		mg/Kg		96	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01874		mg/Kg		94	70 - 130	12	30
Dibromochloromethane	0.0200	0.01723		mg/Kg		86	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.01800		mg/Kg		90	70 - 130	2	30
Dibromomethane	0.0200	0.01761		mg/Kg		88	70 - 130	1	30
1,2-Dichlorobenzene	0.0200	0.01926		mg/Kg		96	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.01879		mg/Kg		94	70 - 130	1	30
1,4-Dichlorobenzene	0.0200	0.01936		mg/Kg		97	70 - 130	0	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.02399		mg/Kg		120	70 - 130	5	30
1,1-Dichloroethane	0.0200	0.01829		mg/Kg		91	70 - 130	4	30
1,2-Dichloroethane	0.0200	0.01845		mg/Kg		92	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.01819		mg/Kg		91	70 - 130	2	30
cis-1,2-Dichloroethene	0.0200	0.01724		mg/Kg		86	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01764		mg/Kg		88	70 - 130	0	30
1,2-Dichloropropane	0.0200	0.01764		mg/Kg		88	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01837		mg/Kg		92	70 - 130	0	30
2,2-Dichloropropane	0.0200	0.01788		mg/Kg		89	70 - 130	1	30
1,1-Dichloropropene	0.0200	0.01804		mg/Kg		90	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01703		mg/Kg		85	70 - 130	2	30
trans-1,3-Dichloropropene	0.0200	0.01830		mg/Kg		92	70 - 130	1	30
Ethylbenzene	0.0200	0.01945		mg/Kg		97	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.01684		mg/Kg		84	70 - 130	2	30
2-Hexanone (MBK)	0.0200	0.01667		mg/Kg		83	70 - 130	14	30
Isopropylbenzene	0.0200	0.01932		mg/Kg		97	70 - 130	0	30
4-Isopropyltoluene	0.0200	0.02024		mg/Kg		101	70 - 130	1	30
Methyl tert-butyl ether	0.0200	0.01753		mg/Kg		88	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01960		mg/Kg		98	70 - 130	7	30
Methylene Chloride	0.0200	0.02214		mg/Kg		111	70 - 130	2	30
Naphthalene	0.0200	0.01654		mg/Kg		83	70 - 130	6	30
N-Propylbenzene	0.0200	0.01974		mg/Kg		99	70 - 130	3	30
Styrene	0.0200	0.01904		mg/Kg		95	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01830		mg/Kg		91	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.02088		mg/Kg		104	70 - 130	2	30
Tetrachloroethene	0.0200	0.01677		mg/Kg		84	70 - 130	1	30
Toluene	0.0200	0.01841		mg/Kg		92	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.01791		mg/Kg		90	70 - 130	5	30
1,2,4-Trichlorobenzene	0.0200	0.01605		mg/Kg		80	70 - 130	2	30
1,3,5-Trichlorobenzene	0.0200	0.01727		mg/Kg		86	70 - 130	0	30
1,1,1-Trichloroethane	0.0200	0.01772		mg/Kg		89	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26058/2-A
Matrix: Solid
Analysis Batch: 26059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26058

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01846		mg/Kg		92	70 - 130	1	30
Trichloroethene			0.0200	0.01823		mg/Kg		91	70 - 130	2	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01903		mg/Kg		95	70 - 130	3	30
1,2,3-Trichloropropane			0.0200	0.02097		mg/Kg		105	70 - 130	1	30
1,2,4-Trimethylbenzene			0.0200	0.01947		mg/Kg		97	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01975		mg/Kg		99	70 - 130	2	30
Vinyl chloride			0.0200	0.02097		mg/Kg		105	70 - 130	3	30
m,p-Xylene			0.0200	0.01904		mg/Kg		95	70 - 130	2	30
o-Xylene			0.0200	0.01860		mg/Kg		93	70 - 130	0	30
Tetrahydrofuran			0.0200	0.01866		mg/Kg		93	70 - 130	14	30
Ethyl ether			0.0200	0.01859		mg/Kg		93	70 - 130	3	30
Tert-amyl methyl ether			0.0200	0.01711		mg/Kg		86	70 - 130	1	30
Ethyl tert-butyl ether			0.0200	0.01701		mg/Kg		85	70 - 130	2	30
di-Isopropyl ether			0.0200	0.01776		mg/Kg		89	70 - 130	1	30
tert-Butanol			0.200	0.1876		mg/Kg		94	70 - 130	6	30
1,4-Dioxane			0.200	0.1508		mg/Kg		75	70 - 130	7	30
trans-1,4-Dichloro-2-butene			0.0200	0.01908	J	mg/Kg		95	70 - 130	2	30
Ethanol			0.400	0.3560	J	mg/Kg		89	70 - 130	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13516-1	CS-13 (14')	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13516-1	CS-13 (14')	Total/NA	Solid	5035	26047
MB 620-26058/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26058/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26058/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13516-1	CS-13 (14')	Total/NA	Solid	8260C	26058
MB 620-26058/3-A	Method Blank	Total/NA	Solid	8260C	26058
LCS 620-26058/1-A	Lab Control Sample	Total/NA	Solid	8260C	26058
LCSD 620-26058/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26058

General Chemistry

Analysis Batch: 26077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13516-1	CS-13 (14')	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-13 (14')
Lab Sample ID: 620-13516-1
Date Collected: 08/24/23 10:45
Matrix: Solid
Date Received: 08/24/23 18:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26077	DWC	EET NE	08/25/23 11:06

Client Sample ID: CS-13 (14')
Lab Sample ID: 620-13516-1
Date Collected: 08/24/23 10:45
Matrix: Solid
Date Received: 08/24/23 18:03
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26047	KFS	EET NE	08/24/23 20:37
Total/NA	Prep	5035			26058	CLR	EET NE	08/25/23 15:04
Total/NA	Analysis	8260C		1	26059	CLR	EET NE	08/25/23 15:21

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13516-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13516-1	CS-13 (14')	Solid	08/24/23 10:45	08/24/23 18:03

620-13516 Chain of Custody

ıment Testing
ıgland

13516

CHAIN OF CUSTODY RECORD

Page ____ of ____

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 24 HOUR TAT ~~5-day~~

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To	GES 100 Sebethe Drive Unit 8-A Cromwell, CT 06416	Invoice To:	GES via e-invoice ges-invoices@gesonline.com
Telephone #	866-839-5195 ext. 3839		
Project Mgr	Michael DeGloria	P O No	Quote #
Project No:	1503708-3001-500		
Site Name	Eversource Madison AWC		
Location.	135 New Road	State	CT
Sampler(s)	DON CUSTER		

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-13(14')	8.24.23	1045	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: ____
State-specific reporting standards

Relinquished by:	Received by:	Date:	Time:	Temp °C
		8/24/23	1445	Observed 1.8
		8/24/23	18:03	Correction Factor +0.2
				Corrected 2.0

☐ EDD format: ____
☑ E-mail to GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street - West Springfield MA 01089 413-789-9018
Lab Address: 646 Camp Ave - North Kingstown RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13516-1

Login Number: 13516
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 9/7/2023 7:23:25 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13638-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

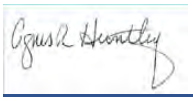
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13638-1

Laboratory Sample ID(s): 620-13638-1, 620-13638-2

Sampling Date(s): 08/31/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 09/07/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13638-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13638-1

Receipt
The samples were received on 8/31/2023 5:28 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analyte (biased high): Dichlorodifluoromethane. (CCVIS 620-26332/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-26399 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-26398/1-A) and (LCSD 620-26398/2-A).

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analyte: (biased high): Dichlorodifluoromethane. (CCVIS 620-26399/3)

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-26332 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-26331/1-A) and (LCSD 620-26331/2-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26451 was outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14D (15) **Lab Sample ID: 620-13638-1**

No Detections.

Client Sample ID: CS-14S (13) **Lab Sample ID: 620-13638-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14D (15)
Date Collected: 08/31/23 09:30
Date Received: 08/31/23 17:28

Lab Sample ID: 620-13638-1
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Acetone	ND		0.0451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Acrylonitrile	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Benzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Bromobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Bromochloromethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Bromodichloromethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Bromoform	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Bromomethane	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
2-Butanone (MEK)	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
2-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
n-Butylbenzene	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
sec-Butylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
tert-Butylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Carbon disulfide	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Carbon tetrachloride	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Chlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Chloroethane	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Chloroform	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Chloromethane	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
4-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2-Dibromo-3-Chloropropane	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Dibromochloromethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2-Dibromoethane (EDB)	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Dibromomethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,3-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,4-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1-Dichloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2-Dichloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1-Dichloroethene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
cis-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
trans-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,3-Dichloropropane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
2,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1-Dichloropropene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
cis-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
trans-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Ethylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Hexachlorobutadiene	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
2-Hexanone (MBK)	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Isopropylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
4-Isopropyltoluene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Methyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Methylene Chloride	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Naphthalene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14D (15)
Date Collected: 08/31/23 09:30
Date Received: 08/31/23 17:28

Lab Sample ID: 620-13638-1
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Styrene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1,1,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1,2,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Tetrachloroethene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Toluene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2,3-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2,4-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,3,5-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1,1-Trichloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,1,2-Trichloroethane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Trichloroethene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Trichlorofluoromethane (Freon 11)	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2,3-Trichloropropane	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,2,4-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,3,5-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Vinyl chloride	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
m,p-Xylene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
o-Xylene	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Tetrahydrofuran	ND		0.00903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Ethyl ether	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Tert-amyl methyl ether	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Ethyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
di-Isopropyl ether	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
tert-Butanol	ND		0.0903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,4-Dioxane	ND		0.0903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
trans-1,4-Dichloro-2-butene	ND		0.0226		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Ethanol	ND		0.903		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
1,3-Dichloropropene, Total	ND		0.00451		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1
Xylenes, Total	ND		0.0135		mg/Kg	☼	09/01/23 09:53	09/01/23 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/01/23 09:53*	*09/01/23 20:34*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/01/23 09:53*	*09/01/23 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/01/23 09:53*	*09/01/23 20:34*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/01/23 09:53*	*09/01/23 20:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		0.1		%			09/06/23 10:52	1
Percent Solids (EPA Moisture)	**89.5**		0.1		%			09/06/23 10:52	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14S (13)
Date Collected: 08/31/23 09:45
Date Received: 08/31/23 17:28

Lab Sample ID: 620-13638-2
Matrix: Solid
Percent Solids: 86.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Acetone	ND		0.0365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Acrylonitrile	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Benzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Bromobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Bromochloromethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Bromodichloromethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Bromoform	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Bromomethane	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
2-Butanone (MEK)	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
2-Chlorotoluene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
n-Butylbenzene	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
sec-Butylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
tert-Butylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Carbon disulfide	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Carbon tetrachloride	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Chlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Chloroethane	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Chloroform	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Chloromethane	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
4-Chlorotoluene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2-Dibromo-3-Chloropropane	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Dibromochloromethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2-Dibromoethane (EDB)	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Dibromomethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2-Dichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,3-Dichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,4-Dichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1-Dichloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2-Dichloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1-Dichloroethene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
cis-1,2-Dichloroethene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
trans-1,2-Dichloroethene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2-Dichloropropane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,3-Dichloropropane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
2,2-Dichloropropane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1-Dichloropropene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
cis-1,3-Dichloropropene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
trans-1,3-Dichloropropene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Ethylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Hexachlorobutadiene	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
2-Hexanone (MBK)	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Isopropylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
4-Isopropyltoluene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Methyl tert-butyl ether	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Methylene Chloride	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Naphthalene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14S (13)
Date Collected: 08/31/23 09:45
Date Received: 08/31/23 17:28

Lab Sample ID: 620-13638-2
Matrix: Solid
Percent Solids: 86.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Styrene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1,1,2-Tetrachloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1,2,2-Tetrachloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Tetrachloroethene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Toluene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2,3-Trichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2,4-Trichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,3,5-Trichlorobenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1,1-Trichloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,1,2-Trichloroethane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Trichloroethene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Trichlorofluoromethane (Freon 11)	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2,3-Trichloropropane	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,2,4-Trimethylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,3,5-Trimethylbenzene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Vinyl chloride	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
m,p-Xylene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
o-Xylene	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Tetrahydrofuran	ND		0.00730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Ethyl ether	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Tert-amyl methyl ether	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Ethyl tert-butyl ether	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
di-Isopropyl ether	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
tert-Butanol	ND		0.0730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,4-Dioxane	ND		0.0730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
trans-1,4-Dichloro-2-butene	ND		0.0183		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Ethanol	ND		0.730		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
1,3-Dichloropropene, Total	ND		0.00365		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1
Xylenes, Total	ND		0.0110		mg/Kg	☼	09/05/23 10:28	09/05/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/05/23 10:28*	*09/05/23 18:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/05/23 10:28*	*09/05/23 18:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/05/23 10:28*	*09/05/23 18:09*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*09/05/23 10:28*	*09/05/23 18:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.7**		0.1		%			09/06/23 10:52	1
Percent Solids (EPA Moisture)	**86.3**		0.1		%			09/06/23 10:52	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-13638-1	CS-14D (15)	102	100	98	100
620-13638-2	CS-14S (13)	102	100	98	101
LCS 620-26331/1-A	Lab Control Sample	98	100	94	99
LCS 620-26398/1-A	Lab Control Sample	99	100	95	99
LCSD 620-26331/2-A	Lab Control Sample Dup	99	100	95	99
LCSD 620-26398/2-A	Lab Control Sample Dup	99	100	94	100
MB 620-26331/3-A	Method Blank	99	98	96	97
MB 620-26398/3-A	Method Blank	100	98	97	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 620-26331/3-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26331

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Acetone	ND		0.0500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Acrylonitrile	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Benzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Bromobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Bromochloromethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Bromoform	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Bromomethane	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Carbon disulfide	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Chlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Chloroethane	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Chloroform	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Chloromethane	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Dibromomethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Ethylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Methylene Chloride	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26331/3-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26331

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Styrene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Toluene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Trichloroethene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Vinyl chloride	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
m,p-Xylene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
o-Xylene	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Ethyl ether	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
tert-Butanol	ND		0.100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,4-Dioxane	ND		0.100		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Ethanol	ND		1.00		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/01/23 09:53	09/01/23 13:07	1
Xylenes, Total	ND		0.0150		mg/Kg		09/01/23 09:53	09/01/23 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/01/23 09:53*	*09/01/23 13:07*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/01/23 09:53*	*09/01/23 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*09/01/23 09:53*	*09/01/23 13:07*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*09/01/23 09:53*	*09/01/23 13:07*	*1*

Lab Sample ID: LCS 620-26331/1-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01964		mg/Kg		98	70 - 130
Acetone	0.0200	0.02201	J	mg/Kg		110	70 - 130
Acrylonitrile	0.0200	0.02273		mg/Kg		114	70 - 130
Benzene	0.0200	0.02015		mg/Kg		101	70 - 130
Bromobenzene	0.0200	0.02094		mg/Kg		105	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26331/1-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02046		mg/Kg		102	70 - 130
Bromodichloromethane	0.0200	0.02028		mg/Kg		101	70 - 130
Bromoform	0.0200	0.02161		mg/Kg		108	70 - 130
Bromomethane	0.0200	0.01907		mg/Kg		95	70 - 130
2-Butanone (MEK)	0.0200	0.02141		mg/Kg		107	70 - 130
2-Chlorotoluene	0.0200	0.02035		mg/Kg		102	70 - 130
n-Butylbenzene	0.0200	0.02150		mg/Kg		107	70 - 130
sec-Butylbenzene	0.0200	0.02126		mg/Kg		106	70 - 130
tert-Butylbenzene	0.0200	0.02293		mg/Kg		115	70 - 130
Carbon disulfide	0.0200	0.01978		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.01974		mg/Kg		99	70 - 130
Chlorobenzene	0.0200	0.01984		mg/Kg		99	70 - 130
Chloroethane	0.0200	0.01775		mg/Kg		89	70 - 130
Chloroform	0.0200	0.01907		mg/Kg		95	70 - 130
Chloromethane	0.0200	0.02274		mg/Kg		114	70 - 130
4-Chlorotoluene	0.0200	0.02077		mg/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02142		mg/Kg		107	70 - 130
Dibromochloromethane	0.0200	0.02130		mg/Kg		107	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02153		mg/Kg		108	70 - 130
Dibromomethane	0.0200	0.02037		mg/Kg		102	70 - 130
1,2-Dichlorobenzene	0.0200	0.02097		mg/Kg		105	70 - 130
1,3-Dichlorobenzene	0.0200	0.02097		mg/Kg		105	70 - 130
1,4-Dichlorobenzene	0.0200	0.01985		mg/Kg		99	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03182	*+	mg/Kg		159	70 - 130
1,1-Dichloroethane	0.0200	0.01943		mg/Kg		97	70 - 130
1,2-Dichloroethane	0.0200	0.01923		mg/Kg		96	70 - 130
1,1-Dichloroethene	0.0200	0.02040		mg/Kg		102	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02068		mg/Kg		103	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02023		mg/Kg		101	70 - 130
1,2-Dichloropropane	0.0200	0.02052		mg/Kg		103	70 - 130
1,3-Dichloropropane	0.0200	0.02144		mg/Kg		107	70 - 130
2,2-Dichloropropane	0.0200	0.02046		mg/Kg		102	70 - 130
1,1-Dichloropropene	0.0200	0.02052		mg/Kg		103	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02246		mg/Kg		112	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02197		mg/Kg		110	70 - 130
Ethylbenzene	0.0200	0.02001		mg/Kg		100	70 - 130
Hexachlorobutadiene	0.0200	0.02144		mg/Kg		107	70 - 130
2-Hexanone (MBK)	0.0200	0.02080		mg/Kg		104	70 - 130
Isopropylbenzene	0.0200	0.02207		mg/Kg		110	70 - 130
4-Isopropyltoluene	0.0200	0.02190		mg/Kg		109	70 - 130
Methyl tert-butyl ether	0.0200	0.02203		mg/Kg		110	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02277		mg/Kg		114	70 - 130
Methylene Chloride	0.0200	0.01975		mg/Kg		99	70 - 130
Naphthalene	0.0200	0.02201		mg/Kg		110	70 - 130
N-Propylbenzene	0.0200	0.02067		mg/Kg		103	70 - 130
Styrene	0.0200	0.02193		mg/Kg		110	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02057		mg/Kg		103	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01896		mg/Kg		95	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26331/1-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26331

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene			0.0200	0.02160		mg/Kg		108	70 - 130		
Toluene			0.0200	0.02022		mg/Kg		101	70 - 130		
1,2,3-Trichlorobenzene			0.0200	0.02167		mg/Kg		108	70 - 130		
1,2,4-Trichlorobenzene			0.0200	0.02274		mg/Kg		114	70 - 130		
1,3,5-Trichlorobenzene			0.0200	0.02199		mg/Kg		110	70 - 130		
1,1,1-Trichloroethane			0.0200	0.01971		mg/Kg		99	70 - 130		
1,1,2-Trichloroethane			0.0200	0.02049		mg/Kg		102	70 - 130		
Trichloroethene			0.0200	0.01985		mg/Kg		99	70 - 130		
Trichlorofluoromethane (Freon 11)			0.0200	0.01892		mg/Kg		95	70 - 130		
1,2,3-Trichloropropane			0.0200	0.01922		mg/Kg		96	70 - 130		
1,2,4-Trimethylbenzene			0.0200	0.02144		mg/Kg		107	70 - 130		
1,3,5-Trimethylbenzene			0.0200	0.02146		mg/Kg		107	70 - 130		
Vinyl chloride			0.0200	0.02023		mg/Kg		101	70 - 130		
m,p-Xylene			0.0200	0.02107		mg/Kg		105	70 - 130		
o-Xylene			0.0200	0.02214		mg/Kg		111	70 - 130		
Tetrahydrofuran			0.0200	0.02078		mg/Kg		104	70 - 130		
Ethyl ether			0.0200	0.02011		mg/Kg		101	70 - 130		
Tert-amyl methyl ether			0.0200	0.02295		mg/Kg		115	70 - 130		
Ethyl tert-butyl ether			0.0200	0.02253		mg/Kg		113	70 - 130		
di-Isopropyl ether			0.0200	0.02204		mg/Kg		110	70 - 130		
tert-Butanol			0.200	0.2200		mg/Kg		110	70 - 130		
1,4-Dioxane			0.200	0.2307		mg/Kg		115	70 - 130		
trans-1,4-Dichloro-2-butene			0.0200	0.02058	J	mg/Kg		103	70 - 130		
Ethanol			0.400	0.3785	J	mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 620-26331/2-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26331

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.01919		mg/Kg		96	70 - 130	2	30
Acetone			0.0200	0.02124	J	mg/Kg		106	70 - 130	4	30
Acrylonitrile			0.0200	0.02246		mg/Kg		112	70 - 130	1	30
Benzene			0.0200	0.01976		mg/Kg		99	70 - 130	2	30
Bromobenzene			0.0200	0.02089		mg/Kg		104	70 - 130	0	30
Bromochloromethane			0.0200	0.02036		mg/Kg		102	70 - 130	0	30
Bromodichloromethane			0.0200	0.01972		mg/Kg		99	70 - 130	3	30
Bromoform			0.0200	0.02198		mg/Kg		110	70 - 130	2	30
Bromomethane			0.0200	0.01854		mg/Kg		93	70 - 130	3	30
2-Butanone (MEK)			0.0200	0.02199		mg/Kg		110	70 - 130	3	30
2-Chlorotoluene			0.0200	0.02006		mg/Kg		100	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26331/2-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26331

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.02101		mg/Kg		105	70 - 130	2	30
sec-Butylbenzene	0.0200	0.02119		mg/Kg		106	70 - 130	0	30
tert-Butylbenzene	0.0200	0.02240		mg/Kg		112	70 - 130	2	30
Carbon disulfide	0.0200	0.01951		mg/Kg		98	70 - 130	1	30
Carbon tetrachloride	0.0200	0.01921		mg/Kg		96	70 - 130	3	30
Chlorobenzene	0.0200	0.01940		mg/Kg		97	70 - 130	2	30
Chloroethane	0.0200	0.01767		mg/Kg		88	70 - 130	0	30
Chloroform	0.0200	0.01864		mg/Kg		93	70 - 130	2	30
Chloromethane	0.0200	0.02234		mg/Kg		112	70 - 130	2	30
4-Chlorotoluene	0.0200	0.02049		mg/Kg		102	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02316		mg/Kg		116	70 - 130	8	30
Dibromochloromethane	0.0200	0.02102		mg/Kg		105	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.02102		mg/Kg		105	70 - 130	2	30
Dibromomethane	0.0200	0.01991		mg/Kg		100	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.02121		mg/Kg		106	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.02130		mg/Kg		106	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01983		mg/Kg		99	70 - 130	0	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03134	*+	mg/Kg		157	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.01899		mg/Kg		95	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01875		mg/Kg		94	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.01954		mg/Kg		98	70 - 130	4	30
cis-1,2-Dichloroethene	0.0200	0.02015		mg/Kg		101	70 - 130	3	30
trans-1,2-Dichloroethene	0.0200	0.01989		mg/Kg		99	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.01958		mg/Kg		98	70 - 130	5	30
1,3-Dichloropropane	0.0200	0.02107		mg/Kg		105	70 - 130	2	30
2,2-Dichloropropane	0.0200	0.01995		mg/Kg		100	70 - 130	3	30
1,1-Dichloropropene	0.0200	0.01980		mg/Kg		99	70 - 130	4	30
cis-1,3-Dichloropropene	0.0200	0.02169		mg/Kg		108	70 - 130	4	30
trans-1,3-Dichloropropene	0.0200	0.02120		mg/Kg		106	70 - 130	4	30
Ethylbenzene	0.0200	0.01945		mg/Kg		97	70 - 130	3	30
Hexachlorobutadiene	0.0200	0.02220		mg/Kg		111	70 - 130	3	30
2-Hexanone (MBK)	0.0200	0.02119		mg/Kg		106	70 - 130	2	30
Isopropylbenzene	0.0200	0.02157		mg/Kg		108	70 - 130	2	30
4-Isopropyltoluene	0.0200	0.02144		mg/Kg		107	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.02156		mg/Kg		108	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02287		mg/Kg		114	70 - 130	0	30
Methylene Chloride	0.0200	0.01974		mg/Kg		99	70 - 130	0	30
Naphthalene	0.0200	0.02325		mg/Kg		116	70 - 130	5	30
N-Propylbenzene	0.0200	0.02042		mg/Kg		102	70 - 130	1	30
Styrene	0.0200	0.02174		mg/Kg		109	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.02019		mg/Kg		101	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.02006		mg/Kg		100	70 - 130	6	30
Tetrachloroethene	0.0200	0.02090		mg/Kg		105	70 - 130	3	30
Toluene	0.0200	0.01960		mg/Kg		98	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.02329		mg/Kg		116	70 - 130	7	30
1,2,4-Trichlorobenzene	0.0200	0.02422		mg/Kg		121	70 - 130	6	30
1,3,5-Trichlorobenzene	0.0200	0.02273		mg/Kg		114	70 - 130	3	30
1,1,1-Trichloroethane	0.0200	0.01963		mg/Kg		98	70 - 130	0	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26331/2-A
Matrix: Solid
Analysis Batch: 26332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26331

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.02029		mg/Kg		101	70 - 130	1	30
Trichloroethene			0.0200	0.01901		mg/Kg		95	70 - 130	4	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01855		mg/Kg		93	70 - 130	2	30
1,2,3-Trichloropropane			0.0200	0.02017		mg/Kg		101	70 - 130	5	30
1,2,4-Trimethylbenzene			0.0200	0.02139		mg/Kg		107	70 - 130	0	30
1,3,5-Trimethylbenzene			0.0200	0.02124		mg/Kg		106	70 - 130	1	30
Vinyl chloride			0.0200	0.01996		mg/Kg		100	70 - 130	1	30
m,p-Xylene			0.0200	0.02068		mg/Kg		103	70 - 130	2	30
o-Xylene			0.0200	0.02168		mg/Kg		108	70 - 130	2	30
Tetrahydrofuran			0.0200	0.02038		mg/Kg		102	70 - 130	2	30
Ethyl ether			0.0200	0.02017		mg/Kg		101	70 - 130	0	30
Tert-amyl methyl ether			0.0200	0.02246		mg/Kg		112	70 - 130	2	30
Ethyl tert-butyl ether			0.0200	0.02209		mg/Kg		110	70 - 130	2	30
di-Isopropyl ether			0.0200	0.02115		mg/Kg		106	70 - 130	4	30
tert-Butanol			0.200	0.2310		mg/Kg		115	70 - 130	5	30
1,4-Dioxane			0.200	0.2320		mg/Kg		116	70 - 130	1	30
trans-1,4-Dichloro-2-butene			0.0200	0.02110	J	mg/Kg		105	70 - 130	3	30
Ethanol			0.400	0.4233	J	mg/Kg		106	70 - 130	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 620-26398/3-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26398

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Acetone	ND		0.0500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Acrylonitrile	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Benzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Bromobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Bromochloromethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Bromoform	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Bromomethane	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Carbon disulfide	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Chlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26398/3-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26398

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Chloroform	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Chloromethane	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Dibromomethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Ethylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Methylene Chloride	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Naphthalene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Styrene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Toluene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Trichloroethene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Vinyl chloride	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 620-26398/3-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26398

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
o-Xylene	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Ethyl ether	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
tert-Butanol	ND		0.100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,4-Dioxane	ND		0.100		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Ethanol	ND		1.00		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/05/23 10:28	09/05/23 13:34	1
Xylenes, Total	ND		0.0150		mg/Kg		09/05/23 10:28	09/05/23 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/05/23 10:28*	*09/05/23 13:34*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/05/23 10:28*	*09/05/23 13:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/05/23 10:28*	*09/05/23 13:34*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*09/05/23 10:28*	*09/05/23 13:34*	*1*

Lab Sample ID: LCS 620-26398/1-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01957		mg/Kg		98	70 - 130
Acetone	0.0200	0.02243	J	mg/Kg		112	70 - 130
Acrylonitrile	0.0200	0.01973		mg/Kg		99	70 - 130
Benzene	0.0200	0.02016		mg/Kg		101	70 - 130
Bromobenzene	0.0200	0.01990		mg/Kg		100	70 - 130
Bromochloromethane	0.0200	0.02003		mg/Kg		100	70 - 130
Bromodichloromethane	0.0200	0.01913		mg/Kg		96	70 - 130
Bromoform	0.0200	0.02001		mg/Kg		100	70 - 130
Bromomethane	0.0200	0.01793		mg/Kg		90	70 - 130
2-Butanone (MEK)	0.0200	0.02111		mg/Kg		106	70 - 130
2-Chlorotoluene	0.0200	0.02042		mg/Kg		102	70 - 130
n-Butylbenzene	0.0200	0.01995		mg/Kg		100	70 - 130
sec-Butylbenzene	0.0200	0.02023		mg/Kg		101	70 - 130
tert-Butylbenzene	0.0200	0.02120		mg/Kg		106	70 - 130
Carbon disulfide	0.0200	0.01983		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.01949		mg/Kg		97	70 - 130
Chlorobenzene	0.0200	0.01879		mg/Kg		94	70 - 130
Chloroethane	0.0200	0.01796		mg/Kg		90	70 - 130
Chloroform	0.0200	0.01888		mg/Kg		94	70 - 130
Chloromethane	0.0200	0.02205		mg/Kg		110	70 - 130
4-Chlorotoluene	0.0200	0.01961		mg/Kg		98	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02040		mg/Kg		102	70 - 130
Dibromochloromethane	0.0200	0.01971		mg/Kg		99	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26398/1-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.02021		mg/Kg		101	70 - 130
Dibromomethane	0.0200	0.01921		mg/Kg		96	70 - 130
1,2-Dichlorobenzene	0.0200	0.02007		mg/Kg		100	70 - 130
1,3-Dichlorobenzene	0.0200	0.02026		mg/Kg		101	70 - 130
1,4-Dichlorobenzene	0.0200	0.01919		mg/Kg		96	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.02895	*+	mg/Kg		145	70 - 130
1,1-Dichloroethane	0.0200	0.01918		mg/Kg		96	70 - 130
1,2-Dichloroethane	0.0200	0.01849		mg/Kg		92	70 - 130
1,1-Dichloroethene	0.0200	0.02041		mg/Kg		102	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02056		mg/Kg		103	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02029		mg/Kg		101	70 - 130
1,2-Dichloropropane	0.0200	0.01929		mg/Kg		96	70 - 130
1,3-Dichloropropane	0.0200	0.01980		mg/Kg		99	70 - 130
2,2-Dichloropropane	0.0200	0.02021		mg/Kg		101	70 - 130
1,1-Dichloropropene	0.0200	0.02020		mg/Kg		101	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02045		mg/Kg		102	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01992		mg/Kg		100	70 - 130
Ethylbenzene	0.0200	0.01910		mg/Kg		96	70 - 130
Hexachlorobutadiene	0.0200	0.02049		mg/Kg		102	70 - 130
2-Hexanone (MBK)	0.0200	0.02028		mg/Kg		101	70 - 130
Isopropylbenzene	0.0200	0.02066		mg/Kg		103	70 - 130
4-Isopropyltoluene	0.0200	0.02017		mg/Kg		101	70 - 130
Methyl tert-butyl ether	0.0200	0.02064		mg/Kg		103	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02049		mg/Kg		102	70 - 130
Methylene Chloride	0.0200	0.01928		mg/Kg		96	70 - 130
Naphthalene	0.0200	0.02090		mg/Kg		104	70 - 130
N-Propylbenzene	0.0200	0.01961		mg/Kg		98	70 - 130
Styrene	0.0200	0.02040		mg/Kg		102	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01903		mg/Kg		95	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01880		mg/Kg		94	70 - 130
Tetrachloroethene	0.0200	0.02110		mg/Kg		105	70 - 130
Toluene	0.0200	0.01940		mg/Kg		97	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02198		mg/Kg		110	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02217		mg/Kg		111	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02090		mg/Kg		104	70 - 130
1,1,1-Trichloroethane	0.0200	0.01972		mg/Kg		99	70 - 130
1,1,2-Trichloroethane	0.0200	0.01918		mg/Kg		96	70 - 130
Trichloroethene	0.0200	0.01946		mg/Kg		97	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.01983		mg/Kg		99	70 - 130
1,2,3-Trichloropropane	0.0200	0.01843		mg/Kg		92	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02036		mg/Kg		102	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02021		mg/Kg		101	70 - 130
Vinyl chloride	0.0200	0.02023		mg/Kg		101	70 - 130
m,p-Xylene	0.0200	0.02017		mg/Kg		101	70 - 130
o-Xylene	0.0200	0.02063		mg/Kg		103	70 - 130
Tetrahydrofuran	0.0200	0.01910		mg/Kg		95	70 - 130
Ethyl ether	0.0200	0.01931		mg/Kg		97	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 620-26398/1-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.02069		mg/Kg		103	70 - 130
Ethyl tert-butyl ether	0.0200	0.02103		mg/Kg		105	70 - 130
di-Isopropyl ether	0.0200	0.02020		mg/Kg		101	70 - 130
tert-Butanol	0.200	0.2119		mg/Kg		106	70 - 130
1,4-Dioxane	0.200	0.2219		mg/Kg		111	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01910	J	mg/Kg		95	70 - 130
Ethanol	0.400	0.4260	J	mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 620-26398/2-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01918		mg/Kg		96	70 - 130	2	30
Acetone	0.0200	0.02125	J	mg/Kg		106	70 - 130	5	30
Acrylonitrile	0.0200	0.02126		mg/Kg		106	70 - 130	7	30
Benzene	0.0200	0.01972		mg/Kg		99	70 - 130	2	30
Bromobenzene	0.0200	0.01964		mg/Kg		98	70 - 130	1	30
Bromochloromethane	0.0200	0.02040		mg/Kg		102	70 - 130	2	30
Bromodichloromethane	0.0200	0.01893		mg/Kg		95	70 - 130	1	30
Bromoform	0.0200	0.01969		mg/Kg		98	70 - 130	2	30
Bromomethane	0.0200	0.01744		mg/Kg		87	70 - 130	3	30
2-Butanone (MEK)	0.0200	0.02078		mg/Kg		104	70 - 130	2	30
2-Chlorotoluene	0.0200	0.01991		mg/Kg		100	70 - 130	3	30
n-Butylbenzene	0.0200	0.01962		mg/Kg		98	70 - 130	2	30
sec-Butylbenzene	0.0200	0.01978		mg/Kg		99	70 - 130	2	30
tert-Butylbenzene	0.0200	0.02094		mg/Kg		105	70 - 130	1	30
Carbon disulfide	0.0200	0.01948		mg/Kg		97	70 - 130	2	30
Carbon tetrachloride	0.0200	0.01915		mg/Kg		96	70 - 130	2	30
Chlorobenzene	0.0200	0.01835		mg/Kg		92	70 - 130	2	30
Chloroethane	0.0200	0.01759		mg/Kg		88	70 - 130	2	30
Chloroform	0.0200	0.01863		mg/Kg		93	70 - 130	1	30
Chloromethane	0.0200	0.02145		mg/Kg		107	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01918		mg/Kg		96	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02102		mg/Kg		105	70 - 130	3	30
Dibromochloromethane	0.0200	0.01983		mg/Kg		99	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.02005		mg/Kg		100	70 - 130	1	30
Dibromomethane	0.0200	0.01911		mg/Kg		96	70 - 130	1	30
1,2-Dichlorobenzene	0.0200	0.02014		mg/Kg		101	70 - 130	0	30
1,3-Dichlorobenzene	0.0200	0.02000		mg/Kg		100	70 - 130	1	30
1,4-Dichlorobenzene	0.0200	0.01888		mg/Kg		94	70 - 130	2	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26398/2-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.02836	*+	mg/Kg		142	70 - 130	2	30
1,1-Dichloroethane	0.0200	0.01892		mg/Kg		95	70 - 130	1	30
1,2-Dichloroethane	0.0200	0.01826		mg/Kg		91	70 - 130	1	30
1,1-Dichloroethene	0.0200	0.01990		mg/Kg		99	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.02014		mg/Kg		101	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.01969		mg/Kg		98	70 - 130	3	30
1,2-Dichloropropane	0.0200	0.01913		mg/Kg		96	70 - 130	1	30
1,3-Dichloropropane	0.0200	0.01953		mg/Kg		98	70 - 130	1	30
2,2-Dichloropropane	0.0200	0.01942		mg/Kg		97	70 - 130	4	30
1,1-Dichloropropene	0.0200	0.01972		mg/Kg		99	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.02032		mg/Kg		102	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01968		mg/Kg		98	70 - 130	1	30
Ethylbenzene	0.0200	0.01870		mg/Kg		93	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.02043		mg/Kg		102	70 - 130	0	30
2-Hexanone (MBK)	0.0200	0.01934		mg/Kg		97	70 - 130	5	30
Isopropylbenzene	0.0200	0.02028		mg/Kg		101	70 - 130	2	30
4-Isopropyltoluene	0.0200	0.01975		mg/Kg		99	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.02046		mg/Kg		102	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.02110		mg/Kg		106	70 - 130	3	30
Methylene Chloride	0.0200	0.01956		mg/Kg		98	70 - 130	1	30
Naphthalene	0.0200	0.02169		mg/Kg		108	70 - 130	4	30
N-Propylbenzene	0.0200	0.01912		mg/Kg		96	70 - 130	3	30
Styrene	0.0200	0.01967		mg/Kg		98	70 - 130	4	30
1,1,1,2-Tetrachloroethane	0.0200	0.01905		mg/Kg		95	70 - 130	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.01856		mg/Kg		93	70 - 130	1	30
Tetrachloroethene	0.0200	0.02046		mg/Kg		102	70 - 130	3	30
Toluene	0.0200	0.01930		mg/Kg		96	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02280		mg/Kg		114	70 - 130	4	30
1,2,4-Trichlorobenzene	0.0200	0.02227		mg/Kg		111	70 - 130	0	30
1,3,5-Trichlorobenzene	0.0200	0.02080		mg/Kg		104	70 - 130	0	30
1,1,1-Trichloroethane	0.0200	0.01946		mg/Kg		97	70 - 130	1	30
1,1,2-Trichloroethane	0.0200	0.01926		mg/Kg		96	70 - 130	0	30
Trichloroethene	0.0200	0.01917		mg/Kg		96	70 - 130	2	30
Trichlorofluoromethane (Freon 11)	0.0200	0.01919		mg/Kg		96	70 - 130	3	30
1,2,3-Trichloropropane	0.0200	0.01853		mg/Kg		93	70 - 130	1	30
1,2,4-Trimethylbenzene	0.0200	0.01985		mg/Kg		99	70 - 130	3	30
1,3,5-Trimethylbenzene	0.0200	0.01979		mg/Kg		99	70 - 130	2	30
Vinyl chloride	0.0200	0.01996		mg/Kg		100	70 - 130	1	30
m,p-Xylene	0.0200	0.01963		mg/Kg		98	70 - 130	3	30
o-Xylene	0.0200	0.02025		mg/Kg		101	70 - 130	2	30
Tetrahydrofuran	0.0200	0.02018		mg/Kg		101	70 - 130	5	30
Ethyl ether	0.0200	0.01955		mg/Kg		98	70 - 130	1	30
Tert-amyl methyl ether	0.0200	0.02062		mg/Kg		103	70 - 130	0	30
Ethyl tert-butyl ether	0.0200	0.02070		mg/Kg		104	70 - 130	2	30
di-Isopropyl ether	0.0200	0.02013		mg/Kg		101	70 - 130	0	30
tert-Butanol	0.200	0.2172		mg/Kg		109	70 - 130	2	30
1,4-Dioxane	0.200	0.2345		mg/Kg		117	70 - 130	5	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method: 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 620-26398/2-A
Matrix: Solid
Analysis Batch: 26399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26398

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01946	J	mg/Kg		97	70 - 130	2	30
Ethanol			0.400	0.4270	J	mg/Kg		107	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-1	CS-14D (15)	Total/NA	Solid	Frozen Preserve	
620-13638-2	CS-14S (13)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-1	CS-14D (15)	Total/NA	Solid	5035	26313
MB 620-26331/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26331/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26331/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-1	CS-14D (15)	Total/NA	Solid	8260C	26331
MB 620-26331/3-A	Method Blank	Total/NA	Solid	8260C	26331
LCS 620-26331/1-A	Lab Control Sample	Total/NA	Solid	8260C	26331
LCSD 620-26331/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26331

Prep Batch: 26398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-2	CS-14S (13)	Total/NA	Solid	5035	26313
MB 620-26398/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26398/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26398/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-2	CS-14S (13)	Total/NA	Solid	8260C	26398
MB 620-26398/3-A	Method Blank	Total/NA	Solid	8260C	26398
LCS 620-26398/1-A	Lab Control Sample	Total/NA	Solid	8260C	26398
LCSD 620-26398/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26398

General Chemistry

Analysis Batch: 26451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13638-1	CS-14D (15)	Total/NA	Solid	Moisture	
620-13638-2	CS-14S (13)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-14D (15)
Lab Sample ID: 620-13638-1
Date Collected: 08/31/23 09:30
Matrix: Solid
Date Received: 08/31/23 17:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26451	JPC	EET NE	09/06/23 10:52

Client Sample ID: CS-14D (15)
Lab Sample ID: 620-13638-1
Date Collected: 08/31/23 09:30
Matrix: Solid
Date Received: 08/31/23 17:28
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26313	KFS	EET NE	08/31/23 20:06
Total/NA	Prep	5035			26331	CLR	EET NE	09/01/23 09:53
Total/NA	Analysis	8260C		1	26332	CLR	EET NE	09/01/23 20:34

Client Sample ID: CS-14S (13)
Lab Sample ID: 620-13638-2
Date Collected: 08/31/23 09:45
Matrix: Solid
Date Received: 08/31/23 17:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26451	JPC	EET NE	09/06/23 10:52

Client Sample ID: CS-14S (13)
Lab Sample ID: 620-13638-2
Date Collected: 08/31/23 09:45
Matrix: Solid
Date Received: 08/31/23 17:28
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26313	KFS	EET NE	08/31/23 20:06
Total/NA	Prep	5035			26398	CLR	EET NE	09/05/23 10:28
Total/NA	Analysis	8260C		1	26399	CLR	EET NE	09/05/23 18:09

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13638-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13638-1	CS-14D (15)	Solid	08/31/23 09:30	08/31/23 17:28
620-13638-2	CS-14S (13)	Solid	08/31/23 09:45	08/31/23 17:28

620-13638 Chain of Custody

13638

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No: ____ Quote #: ____

Project No: 1505708-3100-500
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): DON CUSTER

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-14D(15)	8-31-23	0930	G	SO	3			1	X	☐
-2	CS-14S(13)	8-31-23	0945	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other ____
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:
		8/31/23	1400
		8/31/23	17:20

Temp °C: Observed 0.8; Correction Factor +0.2; Corrected 1.0; Blank ____

☐ EDD format: ____
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852

www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13638-1

Login Number: 13638
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

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JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13714-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

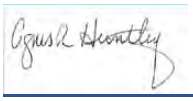
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13714-1

Laboratory Sample ID(s): 620-13714-1 through 620-13714-4

Sampling Date(s): 09/05/2023, 09/06/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 09/13/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols