

Sample: Lab Blank

Volatile Organics in Drinking Water by EPA 524.2

Date Received: 08/24/99
Date Extracted: 09/03/99
Date Analyzed: 09/03/99
Instrument ID: HP-2 5973

Matrix: Water
Sample Amount: 25 mL
Run Number: VBLK580
Units: ug/L (ppb)

CAS #	Compound	Concentration	Detection Limit
67-64-1	Acetone	ND	2
107-02-8	Acrolein	ND	20
107-13-1	Acrylonitrile	ND	0.7
71-43-2	Benzene	ND	0.2
75-27-2	Bromodichloromethane	ND	0.3
75-25-2	Bromoform	ND	0.3
74-83-9	Bromomethane	ND	0.2
56-23-5	Carbon Tetrachloride	ND	0.3
108-90-7	Chlorobenzene	ND	0.3
75-00-3	Chloroethane	ND	0.3
67-66-3	Chloroform	ND	0.2
74-87-3	Chloromethane	ND	0.2
124-48-1	Dibromochloromethane	ND	0.3
106-93-4	1,2-Dibromoethane	ND	0.3
106-46-7	1,2-Dichlorobenzene	ND	0.3
95-50-1	1,3-Dichlorobenzene	ND	0.3
541-73-1	1,4-Dichlorobenzene	ND	0.2
75-34-3	1,1-Dichloroethane	ND	0.2
107-06-2	1,2-Dichloroethane	ND	0.3
75-35-4	1,1-Dichloroethylene	ND	0.2
156-59-4	cis-1,2-Dichloroethylene	ND	0.3
156-60-5	trans-1,2-Dichloroethylene	ND	0.3
78-87-5	1,2-Dichloropropane	ND	0.3
10061-01-5	cis-1,3-Dichloropropene	ND	0.3
10061-02-6	trans-1,3-Dichloropropene	ND	0.3
100-41-4	Ethylbenzene	ND	0.3
76-13-1	Freon-113	ND	0.2
87-68-3	Hexachlorobutadiene	ND	0.2
75-09-2	Methylene Chloride	2	0.2
91-20-3	Naphthalene	ND	0.3
100-42-5	Styrene	ND	0.3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.3
127-18-4	Tetrachloroethylene	ND	0.3

Sample: Lab Blank

Volatile Organics in Drinking Water by EPA 524.2 (continued)

Date Received: 08/24/99 Matrix: Water
Date Extracted: 09/03/99 Sample Amount: 25 mL
Date Analyzed: 09/03/99 Run Number: VBLK580
Instrument ID: HP-2 5973 Units: ug/L (ppb)

CAS #	Compound	Concentration	Detection Limit
108-88-3	Toluene	ND	0.2
120-82-1	1,2,4-Trichlorobenzene	ND	0.3
71-55-6	1,1,1-Trichloroethane	ND	0.2
79-00-5	1,1,2-Trichloroethane	ND	0.3
79-01-6	Trichloroethylene	ND	0.3
75-69-4	Trichlorofluoromethane	ND	0.3
75-01-4	Vinyl Chloride	ND	0.2
1330-20-7	m/p-Xylenes	ND	0.6
95-47-6	o-Xylene	ND	0.3

Surrogate	Percent Recovery	QC Limits
Dibromofluoromethane	99	75-125
1,2-Dichloroethane-d4	99	82-121
Toluene-d8	100	87-110
Bromofluorobenzene	93	76-113
Naphthalene-d8	88	75-125

Matrix Spike (MS and MSD)
 % Recovery and RPD Summary

Date Analyzed: 09/03/99 Matrix: Water
 Sample: ***** Units: ug/L (ppb)

Volatile Organic Compounds

Compound	Conc Spiked	Conc Sample	MS	% Rec MS	MSD	% Rec MSD	RPD
Benzene	5.00	ND	5.07	101	5.29	106	4
Bromodichloromethane	5.00	ND	5.17	103	5.27	105	2
Bromoform	5.00	ND	4.20	84	4.46	89	6
Carbon Tetrachloride	5.00	ND	4.72	94	4.85	97	3
Chloroform	5.00	ND	5.06	101	5.27	105	4
Dibromochloromethane	5.00	ND	4.45	89	4.77	95	7
1,4-Dichlorobenzene	5.00	ND	4.93	99	5.06	101	3
1,2-Dichloroethane	5.00	ND	5.03	101	5.19	104	3
1,1-Dichloroethylene	5.00	ND	4.56	91	4.84	97	6
1,1,1-Trichloroethane	5.00	ND	4.89	98	5.11	102	4
Trichloroethylene	5.00	ND	5.06	101	5.35	107	6
Vinyl Chloride	5.00	ND	4.99	100	5.27	105	5

Quality Control Limits

	Recovery	RPD
Benzene	60-120	12
Bromodichloromethane	69-117	12
Bromoform	54-105	13
Carbon Tetrachloride	60-126	13
Chloroform	65-119	11
Dibromochloromethane	47-144	15
1,4-Dichlorobenzene	59-134	12
1,2-Dichloroethane	49-138	9
1,1-Dichloroethylene	53-125	13
1,1,1-Trichloroethane	72-114	10
Trichloroethylene	41-134	13
Vinyl Chloride	20-165	16