Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP074E: Halogenated Aliphatic Compounds						
EP074E: Halogenated Aliphatic Compounds - (QC Lot: 50190)		µg/L	µg/L	%	%	%
Dichlorodifluoromethane	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	106	70	129
Chloromethane	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	109	76	118
Vinyl chloride	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	111	70	126
Bromomethane	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	116	71	123
Chloroethane	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	103	76	120
Trichlorofluoromethane	50 µg/L	<50	----	----	----	----
	50 µg/L	----	100	90.2	76	126
1,1-Dichloroethene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	98.4	76	125
Iodomethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	100	70	129
trans-1,2-Dichloroethene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	98.0	76	126
1,1-Dichloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	102	80	126
cis-1,2-Dichloroethene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	100	72	126
1,1,1-Trichloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	101	73	126
1,1-Dichloropropylene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	95.4	74	126
Carbon Tetrachloride	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	99.3	76	126
1,2-Dichloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	110	75	123
Trichloroethene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	104	74	124
Dibromomethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	102	73	125
1,1,2-Trichloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	101	75	120
1,3-Dichloropropane	5 µg/L	<5	----	----	----	----

ALS Environmental

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP074E: Halogenated Aliphatic Compounds						
EP074E: Halogenated Aliphatic Compounds - (QC Lot: 50190)		µg/L	µg/L	%	%	%
1,3-Dichloropropane	5 µg/L	----	10	98.3	76	120
Tetrachloroethene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	91.9	78	125
1,1,1,2-Tetrachloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	97.9	76	124
trans-1,4-Dichloro-2-butene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	93.2	76	126
cis-1,4-Dichloro-2-butene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	95.2	75	125
1,1,2,2-Tetrachloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	102	73	124
1,2,3-Trichloropropane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	98.2	76	123
Pentachloroethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	94.0	75	126
1,2-Dibromo-3-chloropropane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	104	72	122
Hexachlorobutadiene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	96.2	76	124

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP074F: Halogenated Aromatic Compounds						
EP074F: Halogenated Aromatic Compounds - (QC Lot: 50190)		µg/L	µg/L	%	%	%
Chlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	97.0	72	125
Bromobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	93.0	71	126
2-Chlorotoluene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	95.4	70	128
4-Chlorotoluene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	92.8	75	123
1,3-Dichlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	96.5	74	126
1,4-Dichlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	88.9	75	128
1,2-Dichlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	93.8	75	126
1,2,4-Trichlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	90.0	74	124
1,2,3-Trichlorobenzene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	92.9	74	123
EP074G: Trihalomethanes						
EP074G: Trihalomethanes - (QC Lot: 50190)		µg/L	µg/L	%	%	%
Chloroform	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	102	72	127
Bromodichloromethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	100	74	125
Dibromochloromethane	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	96.8	75	126
Bromoform	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	103	72	126
EP074H: Naphthalene						
EP074H: Naphthalene - (QC Lot: 50190)		µg/L	µg/L	%	%	%
Naphthalene	5 µg/L	<5	----	----	----	----
	5 µg/L	----	10	97.2	73	125

ALS Environmental

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP075A: Phenolic Compounds						
EP075A: Phenolic Compounds - (QC Lot: 49392)		µg/L	µg/L	%	%	%
Phenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	50.0	21	69
2-Chlorophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	83.2	63	115
2-Methylphenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	79.1	48	109
3- & 4-Methylphenol	4 µg/L	<4	----	----	----	----
	4 µg/L	----	10	76.0	35	103
2-Nitrophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	84.9	62	113
2,4-Dimethylphenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	87.6	46	123
2,4-Dichlorophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	73.2	60	113
2,6-Dichlorophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	73.6	57	121
4-Chloro-3-Methylphenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	91.5	52	122
2,4,6-Trichlorophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	83.6	53	121
2,4,5-Trichlorophenol	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	79.2	46	126
Pentachlorophenol	4 µg/L	<4	----	----	----	----
	4 µg/L	----	10	77.0	4	101

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP075B: Polynuclear Aromatic Hydrocarbons						
EP075B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 49392)		µg/L	µg/L	%	%	%
Naphthalene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	74.8	63	111
2-Methylnaphthalene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	78.7	58	119
2-Chloronaphthalene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.2	58	120
Acenaphthylene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.1	59	120
Acenaphthene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	84.1	67	116
Fluorene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	80.7	67	112
Phenanthrene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	80.1	68	107
Anthracene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	81.1	68	110
Fluoranthene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	76.7	67	107
Pyrene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	88.9	64	109
N-2-Fluorenyl Acetamide	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	77.2	60	109
Benz(a)anthracene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.4	63	112
Chrysene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	77.6	65	115
Benzo(b) & Benzo(k)fluoranthene	4 µg/L	<4	----	----	----	----
	4 µg/L	----	10	78.1	60	118
7,12-Dimethylbenz(a)anthracene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	73.9	39	107
Benzo(a)pyrene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	76.8	64	115
3-Methylcholanthrene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.8	50	105
Indeno(1,2,3,cd)pyrene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	81.6	55	103
Dibenz(a,h)anthracene	2 µg/L	<2	----	----	----	----

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	*LOR*	*Method blank result*	*Actual Results*		*Recovery Limits*	
			Spike concentration	*Spike Recovery*	*Dynamic Recovery Limits*	
				LCS	*Low*	*High*
EP075B: Polynuclear Aromatic Hydrocarbons						
EP075B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 49392)		µg/L	µg/L	%	%	%
Dibenz(a,h)anthracene	2 µg/L	----	5	81.6	54	105
Benzo(g,h,i)perylene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	82.0	55	105
EP075C: Phthalate Esters						
EP075C: Phthalate Esters - (QC Lot: 49392)		µg/L	µg/L	%	%	%
Dimethyl phthalate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.6	61	122
Diethyl phthalate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	87.8	71	117
Di-n-butyl phthalate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	90.9	70	115
Butyl benzyl phthalate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	87.8	64	112
bis(2-ethylhexyl) phthalate	20 µg/L	<20	----	----	----	----
	20 µg/L	----	5	102	71	119
Di-n-octylphthalate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	84.4	74	110

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP075D: Nitrosamines						
EP075D: Nitrosamines - (QC Lot: 49392)		µg/L	µg/L	%	%	%
N-Nitrosomethylethylamine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	99.3	50	125
N-Nitrosodiethylamine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	94.4	65	118
N-Nitrosopyrrolidine	4 µg/L	<4	----	----	----	----
	4 µg/L	----	5	75.2	23	99
N-Nitrosomorpholine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	91.3	31	109
N-Nitrosodi-n-propylamine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	95.8	69	112
N-Nitrosopiperidine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	82.6	72	105
N-Nitrosodibutylamine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	94.8	67	111
N-Nitrosodiphenyl & Diphenylamine	4 µg/L	<4	----	----	----	----
	4 µg/L	----	10	83.6	64	124
Methapyrilene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	31.5	11	148

Matrix Type: WATER

Method Blank (MB) and Laboratory Control Samples (LCS) Report

Analyte name	LOR	Method blank result	Actual Results: Spike concentration	Actual Results: Spike Recovery LCS	Recovery Limits: Dynamic Recovery Limits Low	Recovery Limits: Dynamic Recovery Limits High
EP075E: Nitroaromatics and Ketones						
EP075E: Nitroaromatics and Ketones - (QC Lot: 49392)		µg/L	µg/L	%	%	%
2-Picoline	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	50.9	16	128
Acetophenone	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	94.9	74	112
Nitrobenzene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	96.1	79	110
Isophorone	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	86.0	78	108
2,6-Dinitrotoluene	4 µg/L	<4	----	----	----	----
	4 µg/L	----	5	87.5	58	121
2,4-Dinitrotoluene	4 µg/L	<4	----	----	----	----
	4 µg/L	----	5	101	59	125
1-Naphthylamine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.5	49	109
4-Nitroquinoline-N-oxide	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	64.0	9	124
5-Nitro-o-toluidine	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	87.6	56	122
Azobenzene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	93.7	73	110
1,3,5-Trinitrobenzene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	95.3	46	125
Phenacetin	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	93.0	62	104
4-Aminobiphenyl	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	78.5	23	123
Pentachloronitrobenzene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	99.2	63	112
Pronamide	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	83.6	57	114
Dimethylaminoazobenzene	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	75.5	62	109
Chlorobenzilate	2 µg/L	<2	----	----	----	----
	2 µg/L	----	5	82.6	62	114