



Matrix Type: WATER

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

Analyte name		LOR	Method blank result	Actual Results		Spike Recovery		Recovery Limits	
				Spike concentration		LCS	Low	High	
EP074E: Halogenated Aliphatic Compounds									
EP074E: Halogenated Aliphatic Compounds - (QC Lot: 50458)									
Dichlorodifluoromethane			µg/L	µg/L	%	%	%	%	
50 µg/L			<50	---	---	---	---	---	
50 µg/L			---	100	116	70	129	---	
Chloromethane			<50	---	---	---	---	---	
50 µg/L			---	100	100	76	118	---	
Vinyl chloride			<50	---	---	---	---	---	
50 µg/L			---	100	104	70	126	---	
Bromomethane			<50	---	---	---	---	---	
50 µg/L			---	100	91.6	71	123	---	
Chloroethane			<50	---	---	---	---	---	
50 µg/L			---	100	109	76	120	---	
Trichlorofluoromethane			<50	---	---	---	---	---	
50 µg/L			---	100	102	76	126	---	
1,1-Dichloroethene			<5	---	---	---	---	---	
5 µg/L			---	10	107	76	125	---	
Iodomethane			<5	---	---	---	---	---	
5 µg/L			---	10	98.0	70	129	---	
trans-1,2-Dichloroethene			<5	---	---	---	---	---	
5 µg/L			---	10	81.4	76	126	---	
1,1-Dichloroethane			<5	---	---	---	---	---	
5 µg/L			---	10	99.5	80	126	---	
cis-1,2-Dichloroethene			<5	---	---	---	---	---	
5 µg/L			---	10	97.6	72	126	---	
1,1,1-Trichloroethane			<5	---	---	---	---	---	
5 µg/L			---	10	86.2	73	126	---	
1,1-Dichloropropylene			<5	---	---	---	---	---	
5 µg/L			---	10	90.6	74	126	---	
Carbon Tetrachloride			<5	---	---	---	---	---	
5 µg/L			---	10	100	76	126	---	
1,2-Dichloroethane			<5	---	---	---	---	---	
5 µg/L			---	10	108	75	123	---	
Trichloroethene			<5	---	---	---	---	---	
5 µg/L			---	10	105	74	124	---	
Dibromomethane			<5	---	---	---	---	---	
5 µg/L			---	10	98.4	73	125	---	
1,1,2-Trichloroethane			<5	---	---	---	---	---	
5 µg/L			---	10	107	75	120	---	
1,3-Dichloropropane			<5	---	---	---	---	---	

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Analyte name		LOR	Method blank result	Actual Results		Recovery Limits	
				Spike concentration	Spike Recovery LCS	Low	High
EP074E: Halogenated Aliphatic Compounds							
EP074E: Halogenated Aliphatic Compounds - (QC Lot: 50458)							
1,3-Dichloropropane Tetrachloroethene	5 µg/L	---	µg/L	µg/L	%	%	
	5 µg/L	<5	---	10	111	76	
	5 µg/L	---	---	10	94.1	78	
1,1,1,2-Tetrachloroethane	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	103	76	
	5 µg/L	<5	---	---	---	---	
trans-1,4-Dichloro-2-butene	5 µg/L	---	---	10	109	76	
	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	79.1	75	
cis-1,4-Dichloro-2-butene	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	113	73	
	5 µg/L	<5	---	---	---	---	
1,1,2,2-Tetrachloroethane	5 µg/L	---	---	10	---	---	
	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	114	76	
1,2,3-Trichloropropane	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	---	---	
	5 µg/L	<5	---	---	---	---	
Pentachloroethane	5 µg/L	---	---	10	95.8	75	
	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	98.3	72	
1,2-Dibromo-3-chloropropane	5 µg/L	<5	---	---	---	---	
	5 µg/L	---	---	10	---	---	
	5 µg/L	<5	---	---	---	---	
Hexachlorobutadiene	5 µg/L	---	---	10	88.5	76	
	5 µg/L	---	---	---	---	---	
	5 µg/L	---	---	---	---	---	



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Analyte name	LOR	Method blank result	Actual Results		Recovery Limits	
			Spike concentration	Spike Recovery LCS	Low	High
EP074F: Halogenated Aromatic Compounds						
EP074F: Halogenated Aromatic Compounds - (QC Lot: 50458)						
Chlorobenzene	5 µg/L	<5	µg/L	%	%	%
	5 µg/L	---	10	102	72	125
Bromobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	88.4	71	126
2-Chlorotoluene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	85.6	70	128
4-Chlorotoluene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	87.2	75	123
1,3-Dichlorobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	89.8	74	126
1,4-Dichlorobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	89.0	75	128
1,2-Dichlorobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	94.0	75	126
1,2,4-Trichlorobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	82.5	74	124
1,2,3-Trichlorobenzene	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	94.1	74	123
EP074G: Trihalomethanes						
EP074G: Trihalomethanes - (QC Lot: 50458)						
Chloroform	5 µg/L	<5	µg/L	%	%	%
	5 µg/L	---	10	98.0	72	127
Bromodichloromethane	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	88.7	74	125
Dibromochloromethane	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	102	75	126
Bromoform	5 µg/L	<5	---	---	---	---
	5 µg/L	---	10	112	72	126
EP074H: Naphthalene						
EP074H: Naphthalene - (QC Lot: 50458)						
Naphthalene	5 µg/L	<5	µg/L	%	%	%
	5 µg/L	---	10	100	73	125

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

Analyte name		LOR	Method blank result	Actual Results		Recovery Limits	
				Spike concentration	Spike Recovery LCS	Dynamic Recovery Limits	Low
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 49393)							
Naphthalene	1.0 µg/L	<1.0	µg/L	µg/L	%	%	%
	0.2 µg/L	----	2	93.8	72	111	
Acenaphthylene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	92.9	77	110	
Acenaphthene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	98.4	74	111	
Fluorene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	94.8	73	110	
Phenanthrene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	93.4	75	112	
Anthracene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	94.5	77	107	
Fluoranthene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	92.2	70	113	
Pyrene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	98.9	65	109	
Benz(a)anthracene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	94.8	78	107	
Chrysene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	99.8	76	109	
Benzo(b)fluoranthene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	96.6	55	118	
Benzo(k)fluoranthene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	94.9	67	114	
Benzo(a)pyrene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	92.0	73	112	
Indeno(1,2,3-cd)pyrene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	91.6	68	109	
Dibenz(a,h)anthracene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	91.1	66	109	
Benzo(g,h,i)perylene	1.0 µg/L	<1.0	----	----	----	----	----
	0.2 µg/L	----	2	91.6	66	107	



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Analyte name		LOR	Method blank result	Actual Results		Recovery Limits	
				Spike concentration	Spike Recovery	Dynamic Recovery Limits	
					LCS	Low	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

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

Analyte name	LOR	Method blank result	Actual Results		Recovery Limits	
			Spike concentration	Spike Recovery LCS	Dynamic Recovery Limits	High
			µg/L	%	Low	%
EP075B: Polynuclear Aromatic Hydrocarbons						
EP075B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 49392)						
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	---	---	---	---



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

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



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Analyte name	LOR	Method blank result	Actual Results		Recovery Limits	
			Spike concentration	Spike Recovery LCS	Low	High
EP075D: Nitrosamines						
EP075D: Nitrosamines - (QC Lot: 49392)						
N-Nitrosomethylethylamine	2 µg/L	<2	µg/L	%	%	%
	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