



**LEAP<sup>®</sup> Scheme Report EFF032**

**Effluent, Waste Water, Contaminated Land & Hazardous Waste**

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NOT CONTROLLED WHEN PRINTED

Table 13: Results and z-Scores for Analytes (Sample 22)

laboratory number	analyte									
	Benzene µg/L		1,2-Dichlorobenzene µg/L		1,3-Dichlorobenzene µg/L		1,4-Dichlorobenzene µg/L		Ethylbenzene µg/L	
	$x_a =$	77.7	$x_a =$	11.3	$x_a =$	88.4	$x_a =$	23.3	$x_a =$	80.7
	result	z-score	result	z-score	result	z-score	result	z-score	result	z-score
035	75.05	-0.3								
056	63	-1.9	9.0	-2.0	81	-0.8	20	-1.4	66	-1.8
068	73.8	-0.5							83.8	0.4
076	36.5	<b>-5.3</b>							53.5	<b>-3.4</b>
094	82.42	0.6	11.51	0.2	25.50	<b>-7.1</b>	23.85	0.2	84.94	0.5
102	82.8	0.7	13.7	<b>2.1</b>	104	1.8	31.5	<b>3.5</b>	81.9	0.1
<b>110</b>	<b>75.22</b>	<b>-0.3</b>							<b>82.0</b>	<b>0.2</b>
117	83.3	0.7	12.1	0.7	95.0	0.7	26.9	1.5	84.4	0.5

z-scores outside  $|z| > 2$  are shown in **bold**, see Section 5

Table 13 (continued): Results and z-Scores for Analytes (Sample 22)

laboratory number	analyte									
	Methyl tert-butyl ether µg/L		Naphthalene µg/L		Toluene µg/L		1,2,4-Trimethylbenzene µg/L		1,3,5 Trimethylbenzene, µg/L	
	$x_a =$	28.9	$x_a =$	98.9	$x_a =$	86.0	$x_a =$	48.3	$x_a =$	63.8
	result	z-score	result	z-score	result	z-score	result	z-score	result	z-score
035	27.89	-0.3	109.23	1.0						
056	24	-1.7			73	-1.5	51	0.6	43	<b>-3.3</b>
068					88.0	0.2				
076					57.0	<b>-3.4</b>				
094	19.53	<b>-3.2</b>	111.41	1.3	91.90	0.7	61.94	<b>2.8</b>	68.71	0.8
102			100.5	0.2	86.6	0.1	66.3	<b>3.7</b>	75.3	1.8
<b>110</b>					<b>85.40</b>	<b>-0.1</b>				
117					94.8	1.0	55.7	1.5	62.7	-0.2

z-scores outside  $|z| > 2$  are shown in **bold**, see Section 5

Table 13 (continued): Results and z-Scores for Analytes (Sample 22)

laboratory number	analyte					
	m & p-xylene µg/L		o-xylene µg/L		xylene (total) µg/L	
	$x_a =$	149	$x_a =$	55.7	$x_a =$	204
	result	z-score	result	z-score	result	z-score
035	162.80	0.9	59.50	0.7	222.30	0.9
056	130	-1.3	47	-1.6	177	-1.3
068	159.5	0.7	56.8	0.2	216.3	0.6
076					128.5	<b>-3.7</b>
094	151.56	0.2	69.09	<b>2.4</b>	220.65	0.8
102	155.7	0.4	63.5	1.4	219.2	0.7
<b>110</b>	<b>162.20</b>	<b>0.9</b>	<b>60.70</b>	<b>0.9</b>	<b>222.90</b>	<b>0.9</b>
117	169	1.3	64.3	1.5	233	1.4

z-scores outside  $|z| > 2$  are shown in **bold**, see Section 5