SAUGET AREA 2, SAUGET, IL

EPA Region 5 Records Ctr.
223175

FIELD SCREENING LABORATORY DATA

SAUGET AREA 2 SITE Q

December, 2001

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
-Q-92	< 1.0
. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58

Soil Gas Sample ID	TVOCs ppbV
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-139	< 1.0
SG-Q-136	< 1.0
SG-Q-140 Duplicate	< 1.0
SG-Q-135 Duplicate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0
Cal.Check-GC-2 (Mid)	93%
Method Blank-GC-2	<1.0
SG-Q-155	<1.0
SG-Q-163	<1.0
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0
SG-Q-114	22.28
SG-Q-112	<1.0
Cal.Check-GC-1 (Mid)	89%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	95%
Method Blank-GC-2	<1.0
SG-Q-120	2.40
SG-Q-107	<1.0
SG-Q-100	2.84
SG-Q-31	<1.0
SG-Q-23	<1.0
SG-Q-76	<1.0
SG-Q-99	<1.0
SG-Q-82	8.52

Soil Gas Sample ID	TVOCs ppbV
SG-Q-95	<1.0
SG-Q-94	6.27
SG-Q-93	<1.0
SG-Q-101	10.47
SG-Q-98	<1.0
SG-Q-90	8.11
SG-Q-103	<1.0
SG-Q-84	2.24
SG-Q-74	<1.0
SG-Q-121	42.69
SG-Q-105	3.89
SG-Q-106	1.72
SG-Q-22	2.34
SG-Q-32 (GC-2)	14.38
SG-Q-32 Dup. (GC-1)	14.27
Cal. Check-GC-1 (Mid.)	94%
Cal.Check-GC-2 (Mid)	108%
LCS-GC-2 (Mid)	100%
Method Blank-GC-2	<1.0
SG-Q-88	25.98
SG-Q-96	38.92
SG-Q-102	33.69
SG-Q-97	59.17
SG-Q-78	40.96
SG-Q-16	23.60
SG-Q-19	<1.0
SG-Q-21	<1.0
SG-Q-18	<1.0
SG-Q-20	<1.0
SG-Q-25	<1.0
SG-Q-27	<1.0
SG-Q-33	<1.0
SG-Q-53	<1.0
SG-Q-35	<1.0
SG-Q-59	13.72
SG-Q-229	<1.0
SG-Q-39	<1.0
SG-Q-71	<1.0
SG-Q-30	<1.0
SG-Q-26	<1.0
SG-Q-24	<1.0
SG-Q-28	<1.0
SG-Q-34	<1.0
SG-Q-41	<1.0
SG-Q-47	<1.0
SG-Q-230	<1.0
SG-Q-231	<1.0
SG-Q-65	<1.0
Cal.Check-GC-1 (Mid)	101%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	115%
Method Blank-GC-2	<1.0
SG-Q-232 (GC-1)	<1.0
SG-Q-232 Dup. (GC-2)	<1.0
SG-Q-48	5.20
SG-Q-66	<1.0
SG-Q-72 (GC-2)	4.24
SG-Q-49	<1.0
SG-Q-42	<1.0
SG-Q-54	<1.0
SG-Q-60	6.56
SG-Q-43	1.04
SG-Q-55	8.53
SG-Q-72 Dup. (GC-1)	2.04
Cal.Check-GC-1 (Mid)	89%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	110%
Method Blank-GC-2	<1.0

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GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

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SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
[illegible]-Q-92	< 1.0
[illegible]l. Check-GC-1 (Low)	99%
[illegible]al. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58

Soil Gas Sample ID	TVOCs ppbV
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-139	< 1.0
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0
Cal.Check-GC-2 (Mid)	93%
Method Blank-GC-2	<1.0
SG-Q-155	<1.0
SG-Q-163	<1.0
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0
SG-Q-114	22.28
SG-Q-112	<1.0
Cal.Check-GC-1 (Mid)	89%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	95%
Method Blank-GC-2	<1.0
SG-Q-120	2.40
SG-Q-107	<1.0
SG-Q-100	2.84
SG-Q-31	<1.0
SG-Q-23	<1.0
SG-Q-76	<1.0
SG-Q-99	<1.0
SG-Q-82	8.52

Soil Gas Sample ID	TVOCs ppbV
SG-Q-95	<1.0
SG-Q-94	6.27
SG-Q-93	<1.0
SG-Q-101	10.47
SG-Q-98	<1.0
SG-Q-90	8.11
SG-Q-103	<1.0
SG-Q-84	2.24
SG-Q-74	<1.0
SG-Q-121	42.69
SG-Q-105	3.89
SG-Q-106	1.72
SG-Q-22	2.34
SG-Q-32 (GC-2)	14.38
SG-Q-32 Dup. (GC-1)	14.27
Cal. Check-GC-1 (Mid.)	94%
Cal.Check-GC-2 (Mid)	108%
LCS-GC-2 (Mid)	100%
Method Blank-GC-2	<1.0
SG-Q-88	25.98
SG-Q-96	38.92
SG-Q-102	33.69
SG-Q-97	59.17
SG-Q-78	40.96
SG-Q-16	23.60
SG-Q-19	<1.0
SG-Q-21	<1.0
SG-Q-18	<1.0
SG-Q-20	<1.0
SG-Q-25	<1.0
SG-Q-27	<1.0
SG-Q-33	<1.0
SG-Q-53	<1.0
SG-Q-35	<1.0
SG-Q-59	13.72
SG-Q-229	<1.0
SG-Q-39	<1.0
SG-Q-71	<1.0
SG-Q-30	<1.0
SG-Q-26	<1.0
SG-Q-24	<1.0
SG-Q-28	<1.0
SG-Q-34	<1.0
SG-Q-41	<1.0
SG-Q-47	<1.0
SG-Q-230	<1.0
SG-Q-231	<1.0
SG-Q-65	<1.0
Cal.Check-GC-1 (Mid)	101%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	115%
Method Blank-GC-2	<1.0
SG-Q-232 (GC-1)	<1.0
SG-Q-232 Dup. (GC-2)	<1.0
SG-Q-48	5.20
SG-Q-66	<1.0
SG-Q-72 (GC-2)	4.24
SG-Q-49	<1.0
SG-Q-42	<1.0
SG-Q-54	<1.0
SG-Q-60	6.56
SG-Q-43	1.04
SG-Q-55	8.53
SG-Q-72 Dup. (GC-1)	2.04
Cal.Check-GC-1 (Mid)	0%
Method Blank-GC-1	< 1.0

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Site: Sauget Area 2
City: Sauget, IL

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GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

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SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
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Method Blank-GC-1	< 1.0
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Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
G-Q-92	< 1.0
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Method Blank-GC-1	< 1.0
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SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
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SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58

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SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
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Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-139	< 1.0
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0
Cal.Check-GC-2 (Mid)	93%
Mehtod Blank-GC-2	<1.0
SG-Q-155	<1.0
SG-Q-163	<1.0
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0
SG-Q-114	22.28
SG-Q-112	<1.0
Cal.Check-GC-1 (Mid)	89%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	95%
Mehtod Blank-GC-2	<1.0
SG-Q-120	2.40
SG-Q-107	<1.0
SG-Q-100	2.84
SG-Q-31	<1.0
SG-Q-23	<1.0
SG-Q-76	<1.0
SG-Q-99	<1.0
SG-Q-82	8.52

Soil Gas Sample ID	TVOCs ppbV
SG-Q-95	<1.0
SG-Q-94	6.27
SG-Q-93	<1.0
SG-Q-101	10.47
SG-Q-98	<1.0
SG-Q-90	8.11
SG-Q-103	<1.0
SG-Q-84	2.24
SG-Q-74	<1.0
SG-Q-121	42.69
SG-Q-105	3.89
SG-Q-106	1.72
SG-Q-22	2.34
SG-Q-32 (GC-2)	14.38
SG-Q-32 Dup. (GC-1)	14.27
Cal. Check-GC-1 (Mid.)	94%
Cal.Check-GC-2 (Mid)	108%
LCS-GC-2 (Mid)	100%
Method Blank-GC-2	<1.0
SG-Q-88	25.98
SG-Q-96	38.92
SG-Q-102	33.69
SG-Q-97	59.17
SG-Q-78	40.96
SG-Q-16	23.60
SG-Q-19	<1.0
SG-Q-21	<1.0
SG-Q-18	<1.0
SG-Q-20	<1.0
SG-Q-25	<1.0
SG-Q-27	<1.0
SG-Q-33	<1.0
SG-Q-53	<1.0
SG-Q-35	<1.0
SG-Q-59	13.72
SG-Q-229	<1.0
SG-Q-39	<1.0
SG-Q-71	<1.0
SG-Q-30	<1.0
SG-Q-26	<1.0
SG-Q-24	<1.0
SG-Q-28	<1.0
SG-Q-34	<1.0
SG-Q-41	<1.0
SG-Q-47	<1.0
SG-Q-230	<1.0
SG-Q-231	<1.0
SG-Q-65	<1.0
Cal.Check-GC-1 (Mid)	101%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	115%
Mehtod Blank-GC-2	<1.0
SG-Q-232 (GC-1)	<1.0
SG-Q-232 Dup. (GC-2)	<1.0

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
[illegible]-Q-92	< 1.0
[illegible]l. Check-GC-1 (Low)	99%
[illegible]al. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58

Soil Gas Sample ID	TVOCs ppbV
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-139	< 1.0
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0
Cal.Check-GC-2 (Mid)	93%
Mehtod Blank-GC-2	<1.0
SG-Q-155	<1.0
SG-Q-163	<1.0
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0
SG-Q-114	22.28
SG-Q-112	<1.0
Cal.Check-GC-1 (Mid)	89%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	95%
Mehtod Blank-GC-2	<1.0
SG-Q-120	2.40
SG-Q-107	<1.0
SG-Q-100	2.84
SG-Q-31	<1.0
SG-Q-23	<1.0
SG-Q-76	<1.0
SG-Q-99	<1.0
SG-Q-82	8.52

Soil Gas Sample ID	TVOCs ppbV
SG-Q-95	<1.0
SG-Q-94	6.27
SG-Q-93	<1.0
SG-Q-101	10.47
SG-Q-98	<1.0
SG-Q-90	8.11
SG-Q-103	<1.0
SG-Q-84	2.24
SG-Q-74	<1.0
SG-Q-121	42.69
SG-Q-105	3.89
SG-Q-106	1.72
SG-Q-22	2.34
SG-Q-32 (GC-2)	14.38
SG-Q-32 Dup. (GC-1)	14.27
Cal. Check-GC-1 (Mid.)	94%
Cal.Check-GC-2 (Mid)	108%
LCS-GC-2 (Mid)	100%
Method Blank-GC-2	<1.0
SG-Q-88	25.98
SG-Q-96	38.92
SG-Q-102	33.69
SG-Q-97	59.17
SG-Q-78	40.96
SG-Q-16	23.60
SG-Q-19	<1.0
SG-Q-21	<1.0
SG-Q-18	<1.0
SG-Q-20	<1.0
SG-Q-25	<1.0
SG-Q-27	<1.0
SG-Q-33	<1.0
SG-Q-53	<1.0
SG-Q-35	<1.0
SG-Q-59	13.72
SG-Q-229	<1.0
SG-Q-39	<1.0
SG-Q-71	<1.0
SG-Q-30	<1.0
SG-Q-26	<1.0
SG-Q-24	<1.0
SG-Q-28	<1.0
SG-Q-34	<1.0
SG-Q-41	<1.0
SG-Q-47	<1.0
SG-Q-230	<1.0
SG-Q-231	<1.0
SG-Q-65	<1.0
Cal.Check-GC-1 (Mid)	101%
Method Blank-GC-1	< 1.0
Cal.Check-GC-2 (Mid)	115%
Mehtod Blank-GC-2	<1.0

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-139	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0
SG-Q-155	<1.0
SG-Q-163	<1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0
SG-Q-114	22.28
SG-Q-112	<1.0
Cal.Check-GC-1 (Mid)	89%
SG-Q-120	2.40
SG-Q-107	<1.0
SG-Q-100	2.84
SG-Q-31	<1.0
SG-Q-23	<1.0
SG-Q-76	<1.0
SG-Q-99	<1.0
SG-Q-82	8.52
SG-Q-95	<1.0
SG-Q-94	6.27
SG-Q-93	<1.0
SG-Q-101	10.47
SG-Q-98	<1.0
SG-Q-90	8.11
SG-Q-103	<1.0
SG-Q-84	2.24
SG-Q-74	<1.0
SG-Q-121	42.69
SG-Q-105	3.89
Cal.Check-GC-2 (Mid)	95%
Mehtod Blank-GC-2	<1.0
SG-Q-106	1.72
Cal.Check-GC-2 (Mid)	108%
LCS-GC-2(Mid)	100%
SG-Q-88	25.98
SG-Q-96	38.92
SG-Q-102	33.69
SG-Q-97	59.17
SG-Q-78	40.96
SG-Q-16	23.60
SG-Q-19	<1.0
SG-Q-21	<1.0
SG-Q-18	<1.0

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Check-GC-1 (Low)	99%
Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-58	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32

Soil Gas Sample ID	TVOCs ppbV
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0
Method Blank-GC-1	<1.0
SG-Q-134	<1.0
SG-Q-138	<1.0
SG-Q-183	<1.0
SG-Q-194	<1.0
SG-Q-122	<1.0
SG-Q-128	13.34
SG-Q-149	6.53
SG-Q-125	<1.0
SG-Q-113	2.37
SG-Q-118	<1.0
SG-Q-130	<1.0
SG-Q-132	<1.0
SG-Q-131	<1.0
SG-Q-148	<1.0
SG-Q-172	<1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-155	<1.0
SG-Q-163	<1.0
SG-Q-143	<1.0
SG-Q-173	31.58
SG-Q-111	1.09
SG-Q-127	<1.0
SG-Q-119	<1.0

What happed to Q-64? = 1.91
Q-39 = <1.0
↳ really should be Q-139

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
* SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-39	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-227	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	<1.0
SG-Q-83	13.32
SG-Q-108	11.25
SG-Q-123	< 1.0
SG-Q-115	< 1.0
SG-Q-77	< 1.0
SG-Q-89	< 1.0
SG-Q-116	< 1.0
SG-Q-109	< 1.0

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Posted 11/16/01

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringe	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	110%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-205	113.19
SG-Q-219	1.00
SG-Q-213	8.12
SG-Q-135	2.15
SG-Q-140	< 1.0
Ambiant Air	< 1.0
SG-Q-14	8.32
SG-Q-39	< 1.0

Soil Gas Sample ID	TVOCs ppbV
SG-Q-136	< 1.0
SG-Q-140 Dupilcate	< 1.0
SG-Q-135 Dupilcate	1.85
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	106%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-133	6.68
SG-Q-156	< 1.0
SG-Q-144	2.50
SG-Q-157	< 1.0
SG-Q-150	< 1.0
SG-Q-158	< 1.0
SG-Q-151	< 1.0
SG-Q-145	< 1.0
SG-Q-228	< 1.0
SG-Q-223	70.03
SG-Q-218	77.75
SG-Q-150	< 1.0
Cal. Check-GC-1 (Mid.)	91%
Cal. Check-GC-2 (Mid.)	92%
Method Blank-GC-1	< 1.0
SG-Q-166	< 1.0
SG-Q-727	< 1.0
SG-Q-164	< 1.0
SG-Q-165	< 1.0
SG-Q-217	< 1.0
SG-Q-204	< 1.0
SG-Q-211	< 1.0

2, 227.

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV

LCS = Laboratory Control Standard
GC-1 = C Model SRI; 6 pt. Curve (Includes Origin)
GC-2 = B Model SRI; 6 pt. Curve (Includes Origin)

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-1 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG-Q-184	28.86
SG-Q-195	8.77
SG-Q-198 Purged Syringer	< 1.0

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV
Dup. Duplicate

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG-Q-175	5.30
SG-Q-176 Duplicate	< 1.0
SG-Q-198 (GC-1)	105.95
Method Blank-GC-1	< 1.0
SG-Q-187	2.65
SG-Q-4	< 1.0
SG-Q-10	5.23
LCS-GC-2 (Mid.)	104%
LCS-GC-2 (Mid.)	98%
SG-Q-208	7.55
SG-Q-12	9.69
SG	ND
SG	ND

Client: URS
Site: Sauget Area 2
City: Sauget, IL

Soil Gas Results

TVOCs Detection Limit 1.0 ppbV
Dup. Duplicate

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-81	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.10
[illegible]-Q-80	< 1.0
[illegible]-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-174 Duplicate	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mid.)	87%
Cal. Check-GC-2 (Mid.)	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	112%
Cal. Check-GC-2 (Low)	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG-Q-216	< 1.0
SG-Q-215	< 1.0
SG-Q-197	< 1.0
SG-Q-222	< 1.0
SG-Q-207	< 1.0
Method Blank-GC-1	< 1.0
Cal. Check-GC-1 (Mid.)	104%
Cal. Check-GC-2 (Mid.)	102%
Method Blank-GC-2	< 1.0
Method Blank-GC-1	< 1.0
SG-Q-176	< 1.0
SG-Q-186	< 1.0
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND

175 = 5.30

Client: URS
Site: Sauget Area 2
City: Sauget, IL

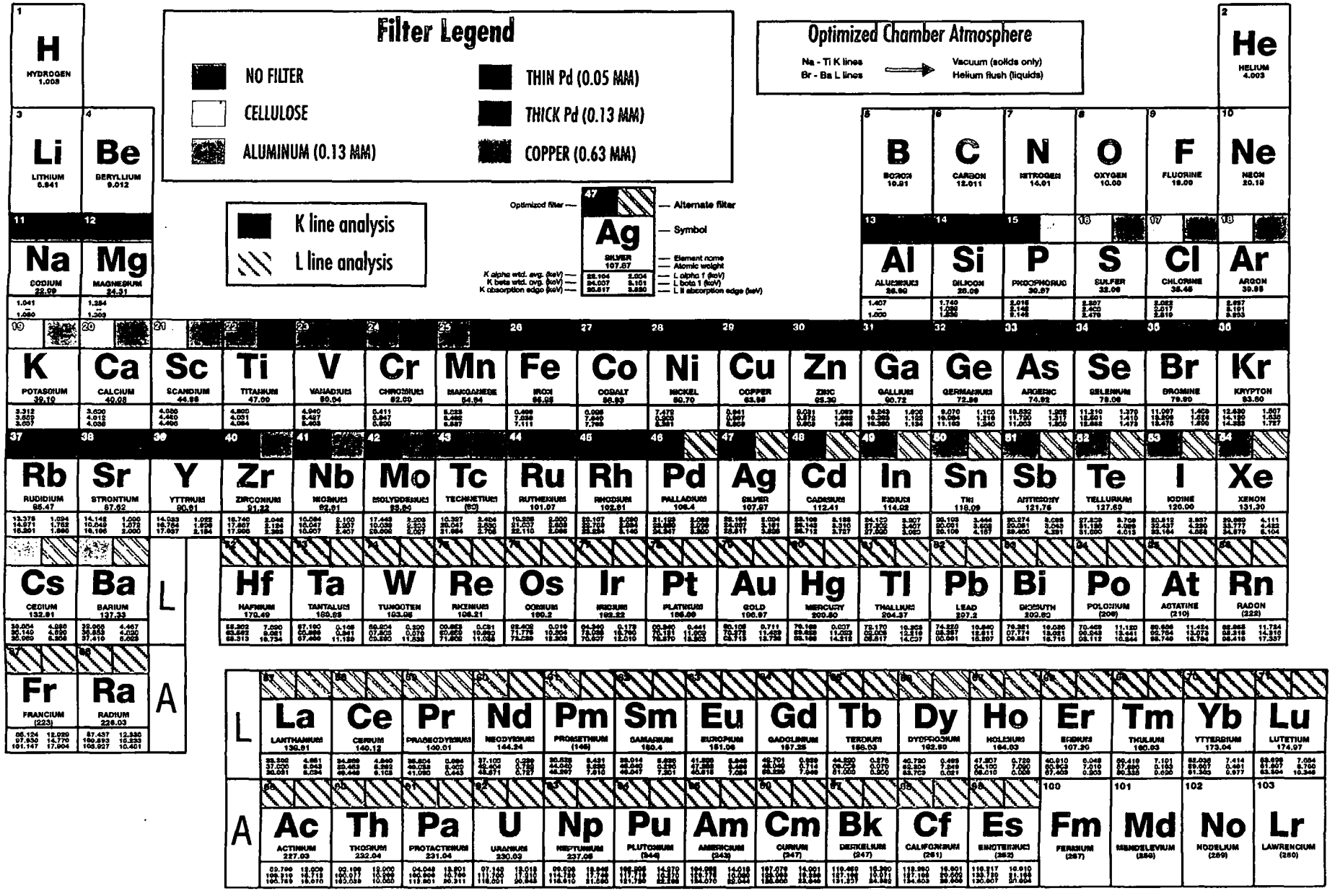
Soil Gas Results

TVOCs Detection Limit 1.0 ppbV
Dup. Duplicate

Soil Gas Sample ID	TVOCs ppbV
SG-P-1	< 1.0
SG-Q-2	< 1.0
SG-Q-3	< 1.0
SG-Q-5	< 1.0
SG-Q-6	59.81
SG-Q-7	18.35
SG-Q-8	21.73
SG-Q-9	< 1.0
SG-Q-11	36.31
SG-Q-13	17.06
SG-Q-15	4.36
SG-Q-17	11.57
SG-Q-44	2.71
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-2 (Low)	95%
Cal. Check-GC-1 (Low)	98%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Low)	105%
Cal. Check-GC-2 (Mid)	101%
SG-Q-67	5.26
SG-Q-73	< 1.0
SG-Q-79	3.1
SG-Q-80	< 1.0
SG-Q-85	< 1.0
SG-Q-86	< 1.0
SG-Q-91	< 1.0
SG-Q-92	< 1.0
Cal. Check-GC-1 (Low)	99%
Cal. Check-GC-2 (Mid)	111%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-45	< 1.0
SG-Q-51	< 1.0
SG-Q-63	< 1.0
SG-Q-69	< 1.0
SG-Q-57	< 1.0
SG-Q-75	< 1.0
Cal. Check-GC-1 (Low)	107%
Cal. Check-GC-2 (Low)	96%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
SG-Q-50	7.35
SG-Q-37	< 1.0
SG-Q-38	< 1.0
SG-Q-61	3.54
SG-Q-62	< 1.0
SG-Q-68	< 1.0
SG-Q-56	< 1.0
SG-Q-36	< 1.0
SG-Q-58	17.63
SG-Q-174	< 1.0
SG-Q-196	< 1.0
SG-Q-64	1.91

Soil Gas Sample ID	TVOCs ppbV
SG-Q-52	< 1.0
SG-Q-46	< 1.0
SG-Q-36 Duplicate	< 1.0
SG-Q-174	< 1.0
SG-Q-70	2.50
SG-Q-206	45.80
SG-Q-185	< 1.0
SG-Q-40	6.58
Cal. Check-GC-1 (Mi	87%
Cal. Check-GC-2 (Mi	100%
Method Blank-GC-1	< 1.0
Method Blank-GC-2	< 1.0
Cal. Check-GC-1 (Lc	112%
Cal. Check-GC-2 (Lc	93%
SG-Q-220	4.23
SG-Q-224	< 1.0
SG-Q-225	< 1.0
SG-Q-226	3.17
SG-Q-214	21.66
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND
SG	ND

Excitation Filter Guide and X-ray Energies



11/09/01

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

Analyte/ Sample ID		XRF-Q-1001	EPA BIAS CORRECTION	XRF-Q-1002	EPA BIAS CORRECTION	XRF-Q-1003	EPA BIAS CORRECTION	XRF-Q-1004A	EPA BIAS CORRECTION	XRF-Q-1005	EPA BIAS CORRECTION					
Date Collected	**DL**	10/30/01		10/30/01		10/30/01		10/30/01		10/30/01						
Metals (mg/Kg)																
Date Analyzed		11/9/01		11/9/01		11/9/01		11/9/01		11/9/01						
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10						
Arsenic (As)	< 10	24	<10	19	<10	29	12.4	88	55.7	< 10	<10					
Barium (Ba)	< 10	900	108.6	950	96.5	1100	186.2	880	86	1500	403.7					
Cadmium (Cd)	< 10	< 10		12		< 10		< 10		< 10						
Chromium (Cr)	< 20	180	40	110	<20	60	<20	130	28.4	< 20	<20					
Copper (Cu)	< 10	98	25	130	40.4	100	48.2	93	11.3	< 10	<10					
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10						
Nickel (Ni)	< 10	< 10		1800		720		< 10		< 10						
Lead (Pb)	< 10	65	24.3	110	45.7	540	388	340	178	25	<10					
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10						
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10						
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10						
Zinc (Zn)	< 10	310	171.6	860	314.2	310	186.1	920	347.5	22	78.6					

DL= Detection Limit — All results reported as dry weight

Analyst Signature — 11/30/01 Date

Review Signature — 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/10/01 Sauget, Illinois

Analyte/ Sample ID		XRF-Q-1001	EPA BIAS CORRECTION	XRF-Q-1002	EPA BIAS CORRECTION	XRF-Q-1003	EPA BIAS CORRECTION	XRF-Q-1003DUP	EPA BIAS CORRECTION						
Date Collected	**DL**	10/30/01		10/30/01		10/30/01		10/30/01							
Metals (mg/Kg)															
Date Analyzed		11/10/01		11/10/01		11/10/01		11/10/01							
Silver (Ag)	< 10	< 10		<10		< 10		< 10							
Arsenic (As)	< 10	19	<10	15	<10	25	<10	30	13.7						
Barium (Ba)	< 10	820	92.1	880	83.5	1100	189.7	1000	163.9						
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10							
Chromium (Cr)	< 20	200	43.6	160	27.1	74	<20	92	NA						
Copper (Cu)	< 10	81	<10	130	38.1	110	52.1	100	47.4						
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10							
Nickel (Ni)	< 10	< 10		1800		680		740							
Lead (Pb)	< 10	70	27.5	160	70	530	377	590	421						
Antimony (Sb)	< 10	< 10		13		< 10		< 10							
Selenium (Se)	< 10	< 10		< 10		< 10		< 10							
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10							
Zinc (Zn)	< 10	320	174.7	820	304.4	280	176.2	290	178.5						

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/11/01

Sauget, Illinois

Analyte/ Sample ID		XRF-Q-1004	EPA BIAS CORRECTION	XRF-Q-1005	EPA BIAS CORRECTION	XRF-Q-1006	EPA BIAS CORRECTION	GCMS-XRF-Q-1 URS1106-01	EPA BIAS CORRECTION	GCMS-XRF-Q-2 URS1106-02	EPA BIAS CORRECTION	GCMS-XRF-Q-3 URS1106-03	EPA BIAS CORRECTION	GCMS-XRF-Q-5 URS1106-04	EPA BIAS CORRECTION	GCMS-XRF-Q-6 URS1106-05	EPA BIAS CORRECTION	GCMS-XRF-Q-8 URS1106-06	EPA BIAS CORRECTION	GCMS-XRF-Q-7 URS1106-07	EPA BIAS CORRECTION	GCMS-XRF-Q-7 URS1106-07DUP	EPA BIAS CORRECTION
Date Collected	DL	10/30/01		10/30/01		10/30/01		11/6/01		11/6/01		11/6/01		11/6/01		11/6/01		11/6/01		11/6/01		11/6/01	
Metals (mg/Kg)																							
Date Analyzed		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		99	
Arsenic (As)	< 10	92	58.8	< 10	<10	< 10	<10	< 10	<10	17	<10	<10	<10	150	25	< 10	<10	17	<10	210	13.7	230	16.2
Barium (Ba)	< 10	890	87.4	1400	367.3	1200	274.5	1500	365.1	590	11.8	1400	359.6	460	44.8	13000	2233	1600	243.9	670000	11845.8	660000	11653.9
Cadmium (Cd)	< 10	*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*120*		*52*	
Chromium (Cr)	< 20	180	36.6	<20	<20	42	<20	25	<20	120	25.4	39	<20	98	24.9	38	<20	150	33.7	< 20	<20	< 20	<20
Copper (Cu)	< 10	110	26.7	<10	<10	36	<10	18	<10	110	<10	52	<10	150	158.5	160	71.8	130	47.1	1400	173.5	1300	168.3
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		<10		5200		< 10		< 10		3300		3900	
Lead (Pb)	< 10	360	190.4	<10	<10	46	25.3	24	<10	72	18.5	96	75.4	66	42.9	61	17.2	11	<10	4600	459	4600	455
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		20		14	
Selenium (Se)	*< 10*	*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*		*< 10*	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	940	352.8	24	79.5	160	141.5	51	90	890	299.7	780	447.7	370	240.7	2100	682.2	900	346.3	14000	907.3	14000	877.3

DL= Detection Limit All results reported as dry weight

Analyst Signature Date 11/30/01

Review Signature Date 11/30/01

11/11/01

Analyte/ Sample ID		GCMS-XRF-Q-7A URS1106-08	EPA BIAS CORRECTION	GCMS-XRF-Q-4 URS1106-09	EPA BIAS CORRECTION	GCMS-XRF-Q-9 URS1107-01	EPA BIAS CORRECTION	GCMS-XRF-Q-11 URS1107-02	EPA BIAS CORRECTION	GCMS-XRF-Q-17 URS1107-03	EPA BIAS CORRECTION	GCMS-XRF-Q-15 URS1107-04	EPA BIAS CORRECTION	GCMS-XRF-Q-13 URS1107-05	EPA BIAS CORRECTION	GCMS-XRF-Q-44 URS1107-06	EPA BIAS CORRECTION	GCMS-XRF-Q-56 URS1107-07	EPA BIAS CORRECTION	GCMS-XRF-Q-61 URS1107-08	EPA BIAS CORRECTION
Date Collected	**DL**	11/6/01		11/6/01		11/7/01		11/7/01		11/7/01		11/7/01		11/7/01		11/7/01		11/7/01		11/7/01	
Metals (mg/Kg)																					
Date Analyzed		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	14	<10	11	<10	58	30.5	34	20.2	< 10	<10	33	<10	17	<10	100	60	72	46	< 10	<10
Barium (Ba)	< 10	920	43.7	700	121	3000	510.3	1400	278.5	230	<10	11000	1919.6	14000	2384.6	3400	546.4	1100	151.1	1600	416.5
Cadmium (Cd)	< 10	< 10		< 10		< 10		83		< 10		< 10		< 10		26		< 10		14	
Chromium (Cr)	< 20	77	<20	41	<20	110	24.5	46	<20	<20	<20	96	21	140	24.3	110	22.7	60	<20	28	<20
Copper (Cu)	< 10	45	<10	67	23.8	170	84.3	230	223.4	17	<10	67	<10	150	60.2	270	162.7	440	378.1	17	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		490		< 10		< 10		< 10		< 10		1200		< 10		< 10		210	
Lead (Pb)	< 10	35	<10	150	122.4	790	437.8	270	195	24	<10	230	113.4	130	52.6	1600	849.7	1300	774.7	< 10	<10
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		13		12		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	260	118.8	1900	961.6	1700	582.4	4400	1914.3	150	121.2	2600	843.9	440	196	2300	725.9	6200	2139.1	71	102.8

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

11/12/01

Analyte/ Sample ID		GCMS-XRF-Q-68 URS1108-01	EPA BIAS CORRECTION	GCMS-XRF-Q-67 URS1108-02	EPA BIAS CORRECTION	GCMS-XRF-Q-73 URS1108-03	EPA BIAS CORRECTION	GCMS-XRF-Q-74 URS1108-04	EPA BIAS CORRECTION	GCMS-XRF-Q-37 URS1108-05	EPA BIAS CORRECTION	GCMS-XRF-Q-38 URS1108-06	EPA BIAS CORRECTION	GCMS-XRF-Q-43 URS1108-07	EPA BIAS CORRECTION	GCMS-XRF-Q-42 URS1108-08	EPA BIAS CORRECTION	GCMS-XRF-Q-27 URS1108-09	EPA BIAS CORRECTION	GCMS-XRF-Q-33 URS1108-10	EPA BIAS CORRECTION	GCMS-XRF-Q-34 URS1108-11	EPA BIAS CORRECTION
Date Collected	DL	11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/8/01	
Metals (mg/Kg)																							
Date Analyzed		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	14	<10	11	<10	< 10	<10	< 10	<10	44	18	< 10	<10	67	50.3	46	21.2	56	29.2	69	29.5
Barium (Ba)	< 10	1200	348.2	2500	393.4	770	128.8	470	44.5	230	<10	5300	944.2	1400	286.6	2000	377.7	600	32.7	850	85.8	770	41
Cadmium (Cd)	< 10	< 10		< 10		14		< 10		< 10		< 10		< 10		< 10		12		< 10		< 10	
Chromium (Cr)	< 20	< 20	<20	64	<20	74	<20	55	<20	52	<20	51	<20	49	<20	57	<20	100	24.4	120	26.9	170	36.8
Copper (Cu)	< 10	< 10	<10	43	<10	44	<10	49	<10	29	<10	84	<10	14	<10	120	63.3	66	<10	82	<10	100	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		230		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	< 10	<10	260	120.6	77	49.4	47	24.7	57	<10	780	426.7	200	142.1	1500	996.7	220	111.2	230	118.7	250	101.8
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		18		< 10		< 10		< 10		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	140	143.5	590	231.5	1300	665.2	1900	923.1	350	135.2	1100	394.7	170	139.1	900	398.3	850	334.5	660	271.4	990	318.5

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

11/12/01

Analyte/ Sample ID		GCMS-XRF-Q-41 URS1108-12	EPA BIAS CORRECTION	GCMS-XRF-Q-28 URS1108-13	EPA BIAS CORRECTION	GCMS-XRF-Q-28 URS1108-13DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-35 URS1108-14	EPA BIAS CORRECTION	GCMS-XRF-Q-39 URS1108-15	EPA BIAS CORRECTION					
Date Collected	**DL**	11/8/01		11/8/01		11/8/01		11/8/01		11/8/01						
Metals (mg/Kg)																
Date Analyzed		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01						
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10						
Arsenic (As)	< 10	< 10	<10	32	<10	32	<10	< 10	<10	77	37.5					
Barium (Ba)	< 10	950	198.3	540	68.7	530	64.8	490	78.1	590	59.6					
Cadmium (Cd)	< 10	< 10		11		< 10		< 10		54						
Chromium (Cr)	< 20	90	22.4	120	28.2	130	29.4	53	<10	130	29.3					
Copper (Cu)	< 10	18	<10	120	34.2	96	11.1	15	<10	86	<10					
Mercury (Hg)	< 10	< 10		<10		< 10		< 10		< 10						
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10						
Lead (Pb)	< 10	11	<10	130	55.1	130	53.8	31	<10	150	56					
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10						
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10						
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10						
Zinc (Zn)	< 10	57	93.9	720	264.8	730	268.9	240	143.2	5600	1418					

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/13/01

Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-36 URS1108-16	EPA BIAS CORRECTION	GCMS-XRF-Q-30 URS1108-17	EPA BIAS CORRECTION	GCMS-XRF-Q-26 URS1108-18	EPA BIAS CORRECTION	GCMS-XRF-Q-25 URS1108-19	EPA BIAS CORRECTION	GCMS-XRF-Q-24 URS1108-20	EPA BIAS CORRECTION	GCMS-XRF-Q-97 URS1109-01	EPA BIAS CORRECTION	GCMS-XRF-Q-92 URS1109-02	EPA BIAS CORRECTION	GCMS-XRF-Q-62 URS1109-03	EPA BIAS CORRECTION	GCMS-XRF-Q-85 URS1109-04	EPA BIAS CORRECTION	GCMS-XRF-Q-91 URS1109-05	EPA BIAS CORRECTION	GCMS-XRF-Q-86 URS1109-06	EPA BIAS CORRECTION
Date Collected	**DL**	11/8/01		11/8/01		11/8/01		11/8/01		11/8/01		11/9/01		11/9/01		11/9/01		11/9/01		11/9/01		11/9/01	
Metals (mg/Kg)																							
Date Analyzed		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	40	17.2	21	<10	< 10	<10	< 10	<10	47	24.5	< 10	<10	< 10	<10	46	24.9	< 10	<10	36	18.2	<10	<10
Barium (Ba)	< 10	1100	254.1	670	174.8	310	<10	880	331.7	410	36.8	570	151.7	560	156	1000	244.8	600	126.6	660	140.9	560	168.8
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		<10		< 10		< 10		12		< 10		< 10		< 10	
Chromium (Cr)	< 20	57	<20	75	<20	160	36.7	31	<20	150	33.3	59	<20	60	<20	92	<20	35	<20	190	42.4	44	<20
Copper (Cu)	< 10	110	29.7	65	<10	57	<10	13	<10	74	<10	32	<10	14	<10	390	319.5	26	<10	140	74	16	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	1300	741	300	216.1	< 10	<10	28	10.8	210	110.8	90	59.7	55	31.4	720	438.9	84	41.7	260	163.7	98	75.7
Antimony (Sb)	< 10	46		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		13		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	740	284.9	220	150.5	69	88.1	80	104.2	1000	368.7	87	102.1	87	103.5	2700	925.3	260	153.8	480	227.5	120	118.8

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 4/3C/01 Date

11/13/01

Analyte/ Sample ID		GCMS-XRF-Q-50 URS1109-07	EPA BIAS CORRECTION	GCMS-XRF-Q-98 URS1109-08	EPA BIAS CORRECTION	GCMS-XRF-Q-79 URS1109-09	EPA BIAS CORRECTION	GCMS-XRF-Q-80 URS1109-10	EPA BIAS CORRECTION	GCMS-XRF-Q-45 URS1110-01	EPA BIAS CORRECTION	GCMS-XRF-Q-51 URS1110-02	EPA BIAS CORRECTION	GCMS-XRF-Q-57 URS1110-03	EPA BIAS CORRECTION	GCMS-XRF-Q-63 URS1110-04	EPA BIAS CORRECTION	GCMS-XRF-Q-69 URS1110-05	EPA BIAS CORRECTION	GCMS-XRF-Q-69 URS1110-05DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-75 URS1110-06	EPA BIAS CORRECTION
Date Collected	DL	11/9/01		11/9/01		11/9/01		11/9/01		11/10/01		11/10/01		11/10/01		11/10/01		11/10/01		11/10/01		11/10/01	
Metals (mg/Kg)																							
Date Analyzed		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	24	<10	23	<10	< 10	<10	11	<10	99	50.6	89	54	77	37.3	22	<10	52	24.3	47	19.9	41	<10
Barium (Ba)	< 10	830	201.8	580	102.9	110	<10	610	146.3	560	46	480	42.7	490	32.9	710	128.9	380	18.5	470	44.1	460	14.6
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		<10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	95	22.9	90	<20	48	<20	72	<20	160	34.6	200	44.7	170	36.9	110	20.9	150	33.4	190	40.9	190	40.4
Copper (Cu)	< 10	140	84.3	50	<10	16	<10	27	<10	100	<10	92	<10	120	21.1	38	<10	100	15.7	72	<10	74	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	420	268.5	1500	976.7	150	82.3	130	81.4	260	103.2	380	174.7	300	126.1	650	366.1	140	57.6	130	56.6	140	42
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		20		< 10		18		< 10		20	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	1000	417.4	210	133.9	150	112.9	320	182.3	1000	297.9	1200	378.8	1100	334.1	520	215.2	780	278.2	790	280.7	810	241.4

DL= Detection Limit ; All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

11/13/01

Analyte/ Sample ID		GCMS-XRF-Q-81 URS1110-07	EPA BIAS CORRECTION	GCMS-XRF-Q-81 URS1110-07DUP	EPA BIAS CORRECTION									
Date Collected	**DL**	11/9/01		11/9/01										
Metals (mg/Kg)														
Date Analyzed		11/13/01		11/13/01										
Silver (Ag)	< 10	< 10		< 10										
Arsenic (As)	< 10	47	23.8	41	18.4									
Barium (Ba)	< 10	320	<10	300	<10									
Cadmium (Cd)	< 10	< 10		< 10										
Chromium (Cr)	< 20	180	43.1	170	39.9									
Copper (Cu)	< 10	130	49.1	120	39.5									
Mercury (Hg)	< 10	< 10		< 10										
Nickel (Ni)	< 10	< 10		< 10										
Lead (Pb)	< 10	200	99.9	200	110.2									
Antimony (Sb)	< 10	< 10		< 10										
Selenium (Se)	< 10	< 10		< 10										
Thallium (Tl)	< 10	< 10		< 10										
Zinc (Zn)	< 10	440	196.8	480	209.5									

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/14/01

Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-58 URS1111-01	EPA BIAS CORRECTION	GCMS-XRF-Q-40 URS1111-02	EPA BIAS CORRECTION	GCMS-XRF-Q-46 URS1111-03	EPA BIAS CORRECTION	GCMS-XRF-Q-52 URS1111-04	EPA BIAS CORRECTION	GCMS-XRF-Q-64 URS1111-05	EPA BIAS CORRECTION	GCMS-XRF-Q-70 URS1111-06	EPA BIAS CORRECTION	GCMS-XRF-Q-174 URS1112-01	EPA BIAS CORRECTION	GCMS-XRF-Q-185 URS1112-02	EPA BIAS CORRECTION	GCMS-XRF-Q-196 URS1112-03	EPA BIAS CORRECTION	GCMS-XRF-Q-206 URS1112-04	EPA BIAS CORRECTION	GCMS-XRF-Q-214 URS1112-05	EPA BIAS CORRECTION
Date Collected	DL	11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/11/01		11/12/01		11/12/01		11/12/01		11/12/01		11/12/01	
Metals (mg/Kg)																							
Date Analyzed		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	110	64	60	23.2	< 10	<10	810	581	< 10	<10	130	90	< 10	<10	< 10	<10	< 10	<10	<10	<10
Barium (Ba)	< 10	640	206 3	500	36	580	51 5	740	227.3	670	24.7	390	31.5	3700	854.4	720	302.1	640	257.5	710	296.2	750	291.4
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		22		< 10		25		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	50	<20	160	34	160	34 8	52	<20	170	31.5	150	36.4	590	108.4	< 20	<20	<20	<20	28	<20	< 20	<20
Copper (Cu)	< 10	< 10	<10	96	<10	100	<10	34	<10	430	299.2	86	<10	920	736.6	< 10	<10	< 10	<10	< 10	<10	< 10	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	13	<10	250	104.1	130	41.1	150	116.5	39000	16887.7	89	38.4	5600	2867.6	20	<10	< 10	<10	23	10.3	< 10	<10
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		230		< 10		120		< 10		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	1600	811.2	900	280.7	730	234	160	132.4	3100	871	560	236.9	4300	1227.7	16	75.4	20	77.5	35	85.8	19	74

DL= Detection Limit All results reported as dry weight

Analyst Signature Date 11/30/01

Review Signature Date 11/30/01

11/14/01

Analyte/ Sample ID		GCMS-XRF-Q-220 URS1112-06	EPA BIAS CORRECTION	GCMS-XRF-Q-224 URS1112-07	EPA BIAS CORRECTION	GCMS-XRF-Q-225 URS1112-08	EPA BIAS CORRECTION	GCMS-XRF-Q-226 URS1112-09	EPA BIAS CORRECTION	GCMS-XRF-Q-197 URS1113-01	EPA BIAS CORRECTION	GCMS-XRF-Q-207 URS1113-02	EPA BIAS CORRECTION	GCMS-XRF-Q-215 URS1113-03	EPA BIAS CORRECTION	GCMS-XRF-Q-216 URS1113-04	EPA BIAS CORRECTION	GCMS-XRF-Q-221 URS1113-05	EPA BIAS CORRECTION	GCMS-XRF-Q-221 URS1113-05DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-222 URS1113-06	EPA BIAS CORRECTION
Date Collected	DL	11/12/01		11/12/01		11/12/01		11/12/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01	
Metals (mg/Kg)																							
Date Analyzed		11/19/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10
Barium (Ba)	< 10	890	400.1	780	269.2	840	313.7	800	311.5	1100	436.3	960	393.9	710	287.8	790	334.7	740	305.9	760	316.9	870	371.2
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	< 20	<20	41	<20	< 20	<20	< 20	<20	< 20	<20	23	<20	< 20	<20	35	<20	< 20	<20	< 20	<20	< 20	<20
Copper (Cu)	< 10	12	<10	21	<10	11	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	12	<10	< 10	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	<10	<10	23	<10	20	<10	< 10	<10	24	<10	13	<10	16	<10	< 10	<10	< 10	<10	< 10	<10	13	<10
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	14	74.6	53	90.3	29	80.5	26	79.8	34	83.4	29	81.2	20	77.6	16	75.3	23	79.4	20	77.9	19	76.8

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/30/01 Date

11/14/01

Analyte/ Sample ID		GCMS-XRF-Q-175 URS1113-07	EPA BIAS CORRECTION	GCMS-XRF-Q-176 URS1113-08	EPA BIAS CORRECTION	GCMS-XRF-Q-186 URS1113-09	EPA BIAS CORRECTION	GCMS-XRF-Q-10 URS1113-10	EPA BIAS CORRECTION	GCMS-XRF-Q-12 URS1113-11	EPA BIAS CORRECTION	GCMS-XRF-Q-12 URS1113-11DUP	EPA BIAS CORRECTION				
Date Collected	**DL**	11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/13/01					
Metals (mg/Kg)																	
Date Analyzed		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01					
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10					
Arsenic (As)	< 10	120	65	< 10	<10	< 10	<10	33	<10	31	<10	22	<10				
Barium (Ba)	< 10	7500	1531	870	338.1	800	340.6	870	124.9	31000	6167.8	30000	6107.1				
Cadmium (Cd)	< 10	17		< 10		< 10		< 10		< 10		< 10					
Chromium (Cr)	< 20	340	65.4	< 20	<20	< 20	<20	130	29	< 20	<20	< 20	<20				
Copper (Cu)	< 10	1700	1214.1	< 10	<10	< 10	<10	130	23.1	240	116	250	121.3				
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10					
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		96		120					
Lead (Pb)	< 10	5400	2351.9	< 10	<10	14	<10	130	43.5	380	162.1	460	202.5				
Antimony (Sb)	< 10	200		< 10		< 10		< 10		< 10		< 10					
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10					
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10					
Zinc (Zn)	< 10	3100	764.6	31	81.7	18	76.8	1500	406.3	6900	1750.1	7000	1776.8				

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

11/15/01

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-208 URS1113-12	EPA BIAS CORRECTION	GCMS-XRF-Q-187 URS1113-13	EPA BIAS CORRECTION	GCMS-XRF-Q-195 URS1113-14	EPA BIAS CORRECTION	GCMS-XRF-Q-184 URS1113-15	EPA BIAS CORRECTION	GCMS-XRF-Q-198 URS1113-16	EPA BIAS CORRECTION	GCMS-XRF-Q-14 URS1114-01	EPA BIAS CORRECTION	GCMS-XRF-Q-16 URS1114-02	EPA BIAS CORRECTION	GCMS-XRF-Q-18 URS1114-03	EPA BIAS CORRECTION		
Date Collected	DL	11/13/01		11/13/01		11/13/01		11/13/01		11/13/01		11/14/01		11/14/01		11/14/01			
Metals (mg/Kg)																			
Date Analyzed		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01			
Silver (Ag)	< 10	< 10		< 10		27		< 10		< 10		< 10		< 10		< 10			
Arsenic (As)	< 10	< 10	<10	< 10	<10	180	92	54	34	11	<10	< 10	<10	69	39	45	17.5		
Barium (Ba)	< 10	910	309.4	950	370.7	7300	1355.6	2000	552.2	800	266	440	56.2	660	96.4	610	83		
Cadmium (Cd)	< 10	< 10		< 10		57		190		< 10		< 10		15		< 10			
Chromium (Cr)	< 20	37	<20	< 20	<20	940	160.6	440	91.5	48	<20	120	26.9	160	34.3	150	28.6		
Copper (Cu)	< 10	34	<10	11	<10	3100	2037.4	750	726.2	89	49.7	75	<10	400	286	190	89.3		
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10			
Nickel (Ni)	< 10	< 10		< 10		< 10		28		< 10		< 10		< 10		< 10			
Lead (Pb)	< 10	66	41.6	< 10	<10	4600	1774.1	950	598	110	87	11	<10	1600	854.9	570	289.8		
Antimony (Sb)	< 10	< 10		< 10		88		31		< 10		< 10		35		15			
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10			
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10			
Zinc (Zn)	< 10	280	184.1	31	81.7	11000	2399	3900	1341.7	340	213.5	430	202.8	3200	945.2	1200	393.3		

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/16/01 Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-20 URS1114-04	EPA BIAS CORRECTION	GCMS-XRF-Q-135 URS1114-05	EPA BIAS CORRECTION	GCMS-XRF-Q-136 URS1114-06	EPA BIAS CORRECTION	GCMS-XRF-Q-139 URS1114-07	EPA BIAS CORRECTION	GCMS-XRF-Q-140 URS1114-08	EPA BIAS CORRECTION	GCMS-XRF-Q-213 URS1114-09	EPA BIAS CORRECTION	GCMS-XRF-Q-205 URS1114-10	EPA BIAS CORRECTION	GCMS-XRF-Q-219 URS1114-11	EPA BIAS CORRECTION	GCMS-XRF-Q-19 URS1114-12	EPA BIAS CORRECTION	GCMS-XRF-Q-21 URS1114-13	EPA BIAS CORRECTION	GCMS-XRF-Q-22 URS1114-14	EPA BIAS CORRECTION
Date Collected	DL	11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01	
Metals (mg/Kg)																							
Date Analyzed		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01	
Silver (Ag)	< 10	21		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	270	62	< 10	<10	< 10	<10	54	22	< 10	<10	35	17.4	12	<10	49	43	24	<10	14	<10	< 10	<10
Barium (Ba)	< 10	1200	33	360	15.9	810	352.5	1200	220.3	810	341.9	1600	456.5	910	301.2	1100	349.1	640	135.5	1200	349.6	390	29.7
Cadmium (Cd)	*< 10*	85		*< 10*		*< 10*		*46*		*< 10*		13		*< 10*		13		*<10*		*< 10*		*< 10*	
Chromium (Cr)	< 20	1700	330.2	97	24.3	< 20	<20	190	42.2	< 20	<20	140	33	83	21.9	87	22	74	<20	61	<20	82	21.4
Copper (Cu)	< 10	4000	1235.9	77	<10	< 10	<10	520	376.4	19	<10	470	449.1	94	51.1	450	524.8	91	23.1	65	<10	62	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		210		< 10		< 10		< 10	
Lead (Pb)	< 10	2500	462.6	27	<10	< 10	<10	1200	585.4	<10	<10	1000	693.4	180	138.2	1500	1286.3	400	259.2	140	81.1	11	<10
Antimony (Sb)	< 10	38		< 10		< 10		45		< 10		33		15		16		15		16		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	7000	767.7	270	145.6	14	74.7	12000	3238.2	52	94.3	2300	847	330	204.1	1000	493.9	550	250.8	1800	677.4	120	102.8

DL= Detection Limit All results reported as dry weight

Analyst Signature Date 11/30/01

Review Signature Date 11/30/01

11/16/01

Analyte/ Sample ID		GCMS-XRF-Q-32 URS1114-15	EPA BIAS CORRECTION	GCMS-XRF-Q-133 URS1114-16	EPA BIAS CORRECTION	GCMS-XRF-Q-144 URS1114-17	EPA BIAS CORRECTION	GCMS-XRF-Q-145 URS1114-18	EPA BIAS CORRECTION	GCMS-XRF-Q-150 URS1114-19	EPA BIAS CORRECTION	GCMS-XRF-Q-151 URS1114-20	EPA BIAS CORRECTION	GCMS-XRF-Q-156 URS1114-21	EPA BIAS CORRECTION	GCMS-XRF-Q-157 URS1114-22	EPA BIAS CORRECTION	GCMS-XRF-Q-158 URS1114-23	EPA BIAS CORRECTION	GCMS-XRF-Q-158 URS1114-23DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-47 URS1115-01	EPA BIAS CORRECTION
Date Collected	DL	11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/14/01		11/15/01	
Metals (mg/Kg)																							
Date Analyzed		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	<10	<10	< 10	<10	13	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10
Barium (Ba)	< 10	3900	1254.3	890	389.9	630	178.3	850	364.4	870	332.7	850	321.6	1200	437.3	590	85.5	850	362.2	860	369.6	770	263.1
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	< 20	<20	< 20	<20	25	<20	< 20	<20	27	<20	29	<20	59	<20	22	<20	< 20	<20	< 20	<20	42	<20
Copper (Cu)	< 10	50	<10	12	<10	110	74	21	<10	34	<10	20	<10	230	239.2	28	<10	< 10	<10	< 10	<10	33	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		23		< 10		< 10		< 10	
Lead (Pb)	< 10	49	16.9	< 10	<10	220	172.1	22	<10	18	<10	39	22.1	470	400.2	29	<10	< 10	<10	11	<10	170	137.9
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		14		< 10		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	230	144	32	84.4	950	459.8	150	147.8	130	128.9	130	128.7	1100	518.4	140	102.9	28	81.9	24	79.6	170	144

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/30/01 Date

11/16/01

Analyte/ Sample ID		GCMS-XRF-Q-48 URS1115-02	EPA BIAS CORRECTION	GCMS-XRF-Q-49 URS1115-03	EPA BIAS CORRECTION	GCMS-XRF-Q-53 URS1115-04	EPA BIAS CORRECTION	GCMS-XRF-Q-54 URS1115-05	EPA BIAS CORRECTION	GCMS-XRF-Q-55 URS1115-06	EPA BIAS CORRECTION	GCMS-XRF-Q-59 URS1115-07	EPA BIAS CORRECTION	GCMS-XRF-Q-60 URS1115-08	EPA BIAS CORRECTION	GCMS-XRF-Q-65 URS1115-09	EPA BIAS CORRECTION	GCMS-XRF-Q-66 URS1115-10	EPA BIAS CORRECTION	GCMS-XRF-Q-164 URS1115-11	EPA BIAS CORRECTION	GCMS-XRF-Q-165 URS1115-12	EPA BIAS CORRECTION
Date Collected	DL	11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01	
Metals (mg/Kg)																							
Date Analyzed		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		17		< 10	
Arsenic (As)	< 10	50	40	17	<10	29	19	14	<10	21	<10	< 10	<10	< 10	<10	100	72	28	<10	140	111	47	31
Barium (Ba)	< 10	750	202.6	730	225.9	830	263.8	840	275.2	820	276.7	850	318.3	760	308.7	910	183.1	340	<10	2000	509.4	860	213.2
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		24		< 10		120		< 10	
Chromium (Cr)	< 20	35	<20	35	<20	34	<20	190	44.8	33	<20	30	<20	< 20	<20	97	21.8	85	22.1	300	63.5	170	40.2
Copper (Cu)	< 10	36	<10	50	<10	39	<10	44	<10	40	<10	24	<10	< 10	<10	170	90.1	80	<10	1700	1624.2	250	200.6
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		<10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		55		<10		< 10		< 10		< 10		< 10		120		< 10	
Lead (Pb)	< 10	940	719.2	410	345.3	300	246.1	160	128.4	370	323.6	29	11.5	23	<10	1600	946.8	260	135.5	2700	1623	940	637
Antimony (Sb)	< 10	< 10		< 10		< 10		15		< 10		< 10		< 10		< 10		< 10		190		11	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	410	222.4	290	188	270	178.2	920	455.5	241	171.8	140	131.9	41	88.2	2800	883.3	1800	572.5	5200	1686	1100	455.1

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/26/01 Date

Review Signature 11/30/01 Date

11/16/01

Analyte/ Sample ID		GCMS-XRF-Q-166 URS1115-13	EPA BIAS CORRECTION	GCMS-XRF-Q-166 URS1115-13DUP	EPA BIAS CORRECTION								
Date Collected	**DL**	11/15/01		11/15/01									
Metals (mg/Kg)													
Date Analyzed		11/16/01		11/16/01									
Silver (Ag)	< 10	< 10		< 10									
Arsenic (As)	< 10	< 10	<10	< 10	<10								
Barium (Ba)	< 10	810	346.7	850	366								
Cadmium (Cd)	< 10	< 10		< 10									
Chromium (Cr)	< 20	< 20	<20	< 20	<20								
Copper (Cu)	< 10	11	<10	< 10	<10								
Mercury (Hg)	< 10	< 10		< 10									
Nickel (Ni)	< 10	< 10		< 10									
Lead (Pb)	< 10	< 10	<10	< 10	<10								
Antimony (Sb)	< 10	< 10		< 10									
Selenium (Se)	< 10	< 10		< 10									
Thallium (Tl)	< 10	< 10		< 10									
Zinc (Zn)	< 10	21	78.1	21	78.4								

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

11/17/01

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-227 URS1115-14	EPA BIAS CORRECTION	GCMS-XRF-Q-228 URS1115-15	EPA BIAS CORRECTION	GCMS-XRF-Q-223 URS1115-16	EPA BIAS CORRECTION	GCMS-XRF-Q-212 URS1115-17	EPA BIAS CORRECTION	GCMS-XRF-Q-102 URS1115-18	EPA BIAS CORRECTION	GCMS-XRF-Q-211 URS1115-19	EPA BIAS CORRECTION	GCMS-XRF-Q-217 URS1115-20	EPA BIAS CORRECTION	GCMS-XRF-Q-96 URS1115-21	EPA BIAS CORRECTION	GCMS-XRF-Q-204 URS1115-22	EPA BIAS CORRECTION	GCMS-XRF-Q-71 URS1115-23	EPA BIAS CORRECTION	GCMS-XRF-Q-78 URS1115-24	EPA BIAS CORRECTION
Date Collected	DL	11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/15/01	
Metals (mg/Kg)																							
Date Analyzed		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	78	20.4	< 10	<10	< 10	<10	30	12.4
Barium (Ba)	< 10	940	362.1	860	347.3	930	367.4	780	348.7	800	275.7	950	414.4	920	359.2	430	<10	870	391.5	400	30.4	680	149.4
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		340		< 10		< 10		< 10	
Chromium (Cr)	< 20	< 20	<20	< 20	<20	< 20	<20	< 20	<20	< 20	<20	< 20	<20	< 20	<20	150	30.2	< 20	<20	100	24.4	47	<20
Copper (Cu)	< 10	19	<10	< 10	<10	19	<10	< 10	<10	18	<10	11	<10	15	<10	490	256	< 10	<10	68	<10	220	174.6
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	< 10	<10	11	<10	< 10	<10	< 10	<10	28	<10	< 10	<10	15	<10	900	278.9	< 10	<10	120	57	290	183.8
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		16		< 10		< 10		12	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	53	91.8	35	84.6	60	96.1	16	75.9	95	109.3	21	77.9	45	88.5	53000	10773	14	74.5	440	196.3	1500	591.8

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/21/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

11/17/01

Analyte/ Sample ID		GCMS-XRF-Q-90 URS1115-25	EPA BIAS CORRECTION	GCMS-XRF-Q-84 URS1115-26	EPA BIAS CORRECTION	GCMS-XRF-Q-72 URS1115-27	EPA BIAS CORRECTION	GCMS-XRF-Q-103 URS1115-28	EPA BIAS CORRECTION	GCMS-XRF-Q-218 URS1115-29	EPA BIAS CORRECTION	GCMS-XRF-Q-83 URS1116-01	EPA BIAS CORRECTION	GCMS-XRF-Q-109 URS1116-02	EPA BIAS CORRECTION	GCMS-XRF-Q-115 URS1116-03	EPA BIAS CORRECTION	GCMS-XRF-Q-116 URS1116-04	EPA BIAS CORRECTION	GCMS-XRF-Q-116 URS1116-04DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-108 URS1116-05	EPA BIAS CORRECTION
Date Collected	DL	11/15/01		11/15/01		11/15/01		11/15/01		11/15/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01	
Metals (mg/Kg)																							
Date Analyzed		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	19	<10	65	29.3	< 10	<10	< 10	<10	19	<10	< 10	<10	< 10	<10	17	<10	21	<10	< 10	<10
Barium (Ba)	< 10	1000	333.9	440	64.4	1700	354	470	71.6	750	308.2	440	57	490	103.9	860	319.7	450	70.6	470	75.7	610	146.6
Cadmium (Cd)	< 10	< 10		< 10		41		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	35	<20	69	<20	120	26.8	< 20	<20	< 20	<20	95	23.4	54	<20	26	<20	120	23.3	120	23.6	< 20	<20
Copper (Cu)	< 10	66	11.9	68	<10	350	214.7	50	<10	< 10	<10	59	<10	30	<10	< 10	<10	310	270.3	320	271.5	21	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	33		11		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Lead (Pb)	< 10	180	133.4	59	24.6	360	160	97	47.8	< 10	<10	79	35.4	80	45.3	31	13.4	170	100.9	160	94.8	34	<10
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		15		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	580	302.3	470	225.6	7100	1862.2	290	158.6	24	79.8	150	115.5	170	129.7	130	129.9	1800	682	1900	692	49	84.8

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-194 URS1116-06	EPA BIAS CORRECTION	GCMS-XRF-Q-123 URS1116-07	EPA BIAS CORRECTION	GCMS-XRF-Q-77 URS1116-08	EPA BIAS CORRECTION	GCMS-XRF-Q-89 URS1116-09	EPA BIAS CORRECTION	GCMS-XRF-Q-131 URS1116-10	EPA BIAS CORRECTION	GCMS-XRF-Q-132 URS1116-11	EPA BIAS CORRECTION	GCMS-XRF-Q-134 URS1116-12	EPA BIAS CORRECTION	GCMS-XRF-Q-138 URS1116-13	EPA BIAS CORRECTION	GCMS-XRF-Q-148 URS1116-14	EPA BIAS CORRECTION	
Date Collected	DL	11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		11/16/01		
Metals (mg/Kg)																				
Date Analyzed		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		
Arsenic (As)	< 10	22	12.5	25	<10	19	<10	16	<10	15	<10	< 10	<!0	< 10	<10	< 10	<10	< 10	<10	
Barium (Ba)	< 10	1100	427.1	690	183.1	160	<10	580	117.8	490	117	670	221.4	830	326.9	920	393.2	850	291.4	
Cadmium (Cd)	< 10	17		16		< 10		< 10		< 10		< 10		< 10		< 10		< 10		
Chromium (Cr)	< 20	110	27.5	51	<20	53	<20	38	<20	79	20.6	41	<20	< 20	<20	< 20	<20	45	<20	
Copper (Cu)	< 10	53	<10	220	200.9	84	49.7	84	14.4	71	18.5	27	<10	< 10	<10	< 10	<10	30	<10	
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		
Nickel (Ni)	< 10	< 10		80		21		< 10		< 10		< 10		< 10		16		< 10		
Lead (Pb)	< 10	440	420.7	250	175.1	76	56.6	140	77.6	100	71.8	37	18.5	17	<10	< 10	<10	23	<10	
Antimony (Sb)	< 10	38		< 10		< 10		< 10		13		< 10		< 10		< 10		< 10		
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		
Zinc (Zn)	< 10	390	247.7	2100	862.4	140	131.8	340	179.2	410	232.1	79	103.2	42	87.6	22	78.5	97	109.1	

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/18/01

Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-155 URS1116-15	EPA BIAS CORRECTION	GCMS-XRF-Q-163 URS1116-16	EPA BIAS CORRECTION	GCMS-XRF-Q-172 URS1116-17	EPA BIAS CORRECTION	GCMS-XRF-Q-183 URS1116-18	EPA BIAS CORRECTION	XRF-Q-1001	EPA BIAS CORRECTION	XRF-Q-1002	EPA BIAS CORRECTION	XRF-Q-1004A	EPA BIAS CORRECTION	XRF-Q-1003	EPA BIAS CORRECTION	XRF-Q-1005	EPA BIAS CORRECTION	XRF-Q-1006	EPA BIAS CORRECTION	GCMS-XRF-Q-127 URS1117-01	EPA BIAS CORRECTION
Date Collected	DL	11/16/01		11/16/01		11/16/01		11/16/01		10/30/01		10/30/01		10/30/01		10/30/01		10/30/01		10/30/01		11/17/01	
Metals (mg/Kg)																							
Date Analyzed		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	23	<10	18	<10	98	<10	29	18.1	< 10	<10	< 10	<10	<10	<10
Barium (Ba)	< 10	820	308.7	960	382.3	920	363.2	870	347.6	520	91.2	530	93.2	610	106	540	138.3	900	383.5	750	282.8	790	251.4
Cadmium (Cd)	< 10	<10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	22	<20	< 20	<20	< 20	<20	< 20	<20	120	29.2	74	<20	96	23.6	28	<20	< 20	<20	22	<20	68	<20
Copper (Cu)	< 10	26	<10	< 10	<10	< 10	<10	16	<10	84	15.7	96	26.9	100	24.4	93	48.5	< 10	<10	27	<10	42	<10
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		200		< 10		86		< 10		< 10		< 10	
Lead (Pb)	< 10	22	<10	12	<10	23	<10	16	<10	67	29.1	85	40.9	290	161.4	400	331.5	< 10	<10	52	36.9	91	63.1
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10		13		< 10		< 10		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	99	114.1	46	89.4	39	86	36	84.9	360	185.4	710	301.4	950	357.7	280	180.7	35	85.2	120	127.2	210	153

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

11/18/01

Analyte/ Sample ID		GCMS-XRF-Q-173 URS1117-02	EPA BIAS CORRECTION	GCMS-XRF-Q-119 URS1117-03	EPA BIAS CORRECTION	GCMS-XRF-Q-125 URS1117-04	EPA BIAS CORRECTION	GCMS-XRF-Q-118 URS1117-05	EPA BIAS CORRECTION	GCMS-XRF-Q-113 URS1117-06	EPA BIAS CORRECTION	GCMS-XRF-Q-143 URS1117-07	EPA BIAS CORRECTION	GCMS-XRF-Q-111 URS1117-08	EPA BIAS CORRECTION	GCMS-XRF-Q-149 URS1117-09	EPA BIAS CORRECTION	GCMS-XRF-Q-130 URS1117-10	EPA BIAS CORRECTION	GCMS-XRF-Q-130 URS1117-10DUP	EPA BIAS CORRECTION	GCMS-XRF-Q-128 URS1117-11	EPA BIAS CORRECTION
Date Collected	DL	11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01		11/17/01	
Metals (mg/Kg)																							
Date Analyzed		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		28		< 10		< 10		< 10	
Arsenic (As)	< 10	27	14.3	19	<10	32	26.2	< 10	<10	11	<10	43	27.1	< 10	<10	170	95	< 10	<10	< 10	<10	35	22.9
Barium (Ba)	< 10	1900	710.1	550	130.8	660	215.2	840	318.4	690	223.5	2700	870	900	349.2	4400	886.5	800	348.8	860	379.9	790	227.4
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10		15		< 10		40		< 10		< 10		< 10	
Chromium (Cr)	< 20	60	<20	27	<20	34	<20	31	<20	29	<20	160	36.9	< 20	<20	650	123.6	< 20	<20	< 20	<20	39	<20
Copper (Cu)	< 10	200	184.2	94	39.2	61	14.1	30	<10	32	<10	970	1047.2	20	<10	4900	3884.4	< 10	<10	< 10	<10	73	14.9
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		65		11		< 10		< 10	
Lead (Pb)	< 10	390	306.9	190	131.2	530	491.2	42	25.2	100	77.7	1100	764.6	< 10	<10	4500	1949	< 10	<10	< 10	<10	290	213.2
Antimony (Sb)	< 10	12		< 10		< 10		< 10		< 10		24		< 10		130		< 10		< 10		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	720	359	390	213	290	197.2	180	152.1	260	179.2	2300	873.2	57	94.4	15000	3617.4	19	77.4	19	77.2	280	172.6

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/31/01 Date

Review Signature 11/30/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

11/18/01

Analyte/ Sample ID		GCMS-XRF-Q-122 URS1117-12	EPA BIAS CORRECTION	GCMS-XRF-Q-114 URS1117-13	EPA BIAS CORRECTION	GCMS-XRF-Q-121 URS1117-14	EPA BIAS CORRECTION	GCMS-XRF-Q-120 URS1117-15	EPA BIAS CORRECTION	GCMS-XRF-Q-120 URS1117-15DUP	EPA BIAS CORRECTION					
Date Collected	**DL**	11/17/01		11/17/01		11/17/01		11/17/01		11/17/01						
Metals (mg/Kg)																
Date Analyzed		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01						
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10						
Arsenic (As)	< 10	< 10	<10	< 10	<10	< 10	<10	< 10	<10	< 10	<10					
Barium (Ba)	< 10	450	94.6	840	306.6	600	188.3	780	305.3	800	316.7					
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10						
Chromium (Cr)	< 20	23	<20	< 20	<20	30	<20	27	<20	35	<20					
Copper (Cu)	< 10	54	<10	22	<10	30	<10	< 10	<10	13	<10					
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10						
Nickel (Ni)	< 10	< 10		< 10		< 10		< 10		< 10						
Lead (Pb)	< 10	60	32	57	38.5	71	50.5	< 10	<10	25	<10					
Antimony (Sb)	< 10	< 10		< 10		< 10		< 10		< 10						
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10						
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10						
Zinc (Zn)	< 10	84	99.5	120	121.1	75	100.7	61	97.3	55	94.1					

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/20/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION

11/19/01 Sauget, Illinois

Analyte/ Sample ID		GCMS-XRF-Q-112 URS1117-16	EPA BIAS CORRECTION	GCMS-XRF-Q-105 URS1117-17	EPA BIAS CORRECTION	GCMS-XRF-Q-107 URS1117-18	EPA BIAS CORRECTION	GCMS-XRF-Q-106 URS1117-19	EPA BIAS CORRECTION	GCMS-XRF-Q-82 URS1118-01	EPA BIAS CORRECTION	GCMS-XRF-Q-88 URS1118-02	EPA BIAS CORRECTION	GCMS-XRF-Q-76 URS1118-03	EPA BIAS CORRECTION	GCMS-XRF-Q-31 URS1118-04	EPA BIAS CORRECTION	GCMS-XRF-Q-101 URS1118-05	EPA BIAS CORRECTION	GCMS-XRF-Q-23 URS1118-06	EPA BIAS CORRECTION	GCMS-XRF-Q-93 URS1118-07	EPA BIAS CORRECTION
Date Collected	DL	11/17/01		11/17/01		11/17/01		11/17/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01		11/18/01	
Metals (mg/Kg)																							
Date Analyzed		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01	
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Arsenic (As)	< 10	17	<10	< 10	<10	18	<10	< 10	<10	34	12.2	18	<10	12	<10	26	<10	< 10	<10	75	54	66	41
Barium (Ba)	< 10	770	223.3	390	42.8	780	258.7	750	309.9	650	115.6	581	153.1	390	30.9	1200	294	560	105	460	61.1	480	55.7
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		16		< 10		< 10		< 10		< 10		< 10		< 10	
Chromium (Cr)	< 20	73	<20	27	<20	54	<20	< 20	<20	160	37.3	93	23.3	93	23.5	21	<20	100	26	100	25	120	30.3
Copper (Cu)	< 10	170	141.1	25	<10	38	<10	< 10	<10	120	42	120	84.5	66	<10	26	<10	58	<10	81	<10	90	10.1
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Nickel (Ni)	< 10	21		< 10		< 10		< 10		< 10		170		< 10		23		< 10		< 10		< 10	
Lead (Pb)	< 10	150	108	59	21.7	160	125.6	14	<10	330	185.5	98	65.9	33	<10	490	271.9	31	<10	250	142.3	240	122.7
Antimony (Sb)	< 10	< 10		14		< 10		< 10		11		11		11		16		< 10		11		< 10	
Selenium (Se)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10		< 10	
Zinc (Zn)	< 10	520	270.9	330	169	220	160.8	300	224.6	1100	399.8	250	167.4	170	117.3	350	165.4	200	134.4	1300	472	520	219.6

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/20/01 Date

Review Signature 11/21/01 Date

URS/ SAUGET, ILLINOIS INVESTIGATION
Sauget, Illinois

11/19/01

Analyte/ Sample ID		GCMS-XRF-Q-94 URS1118-08	EPA BIAS CORRECTION	GCMS-XRF-Q-100 URS1118-09	EPA BIAS CORRECTION	GCMS-XRF-Q-95 URS1118-10	EPA BIAS CORRECTION	GCMS-XRF-Q-99 URS1118-11	EPA BIAS CORRECTION	GCMS-XRF-Q-99 URS1118-11DUP	EPA BIAS CORRECTION					
Date Collected	**DL**	11/18/01		11/18/01		11/18/01		11/18/01		11/18/01						
Metals (mg/Kg)																
Date Analyzed		11/19/01		11/19/01		11/19/01		11/19/01		11/19/01						
Silver (Ag)	< 10	< 10		< 10		< 10		< 10		< 10						
Arsenic (As)	< 10	< 10	<10	< 10	<10	22	<10	14	<10	15	<10					
Barium (Ba)	< 10	770	255.9	630	208.6	800	229	650	171.8	600	153.6					
Cadmium (Cd)	< 10	< 10		< 10		< 10		< 10		< 10						
Chromium (Cr)	< 20	36	<20	32	<20	74	<20	33	<20	37	<20					
Copper (Cu)	< 10	24	<10	28	<10	120	76.4	52	<10	39	<10					
Mercury (Hg)	< 10	< 10		< 10		< 10		< 10		< 10						
Nickel (Ni)	< 10	< 10		< 10		22		< 10		< 10						
Lead (Pb)	< 10	41	20.6	37	19.2	140	97.4	140	95.6	150	105.4					
Antimony (Sb)	< 10	< 10		< 10		11		< 10		< 10						
Selenium (Se)	< 10	< 10		< 10		<10		< 10		< 10						
Thallium (Tl)	< 10	< 10		< 10		< 10		< 10		< 10						
Zinc (Zn)	< 10	400	242.4	170	143.2	460	244.2	190	139.6	210	146.9					

DL= Detection Limit All results reported as dry weight

Analyst Signature 11/30/01 Date

Review Signature 11/30/01 Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-1	Prep Method 2.	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	87.4
Laboratory Data File:	1110722	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	143	U	0.14
Chloromethane	74-87-3	5	25	2.5	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	143	U	0.14
Chloroethane	75-00-3	5	25	2.5	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	143	U	0.14
Acetone	67-64-1	10	50	5.0	286	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	117	11.7	672	B	0.67
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	85	8.5	487		0.49
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	286	U	0.29
2-Hexanone	591-78-6	10	50	5.0	286	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	330	33.0	1889		1.89
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	101	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	98	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-2	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	86
Laboratory Data File:	01110713	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.15
Chloromethane	74-87-3	5	25	2.5	145	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.15
Chloroethane	75-00-3	5	25	2.5	145	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.15
Acetone	67-64-1	10	50	5.0	291	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	**31**	3.1	**178**	**B**	**0.18**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	**116**	11.6	**672**		**0.67**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	291	U	0.29
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	98	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-3	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/06/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	88.43
Laboratory Data File:	01110723	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	141	U	0.14
Chloromethane	74-87-3	5	25	2.5	141	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	141	U	0.14
Chloroethane	75-00-3	5	25	2.5	141	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	141	U	0.14
Acetone	67-64-1	10	50	5.0	283	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	104	10.4	591	B	0.59
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	79	7.9	446		0.45
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	283	U	0.28
2-Hexanone	591-78-6	10	50	5.0	283	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	113	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	20	2.0	111		0.11
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	21	2.1	121		0.12
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	141	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	98	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-5	Prep Method 2	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor.	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	77.9
Laboratory Data File:	01110715	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	160	U	0.16
Chloromethane	74-87-3	5	25	2.5	160	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	64	U	0.06
Bromomethane	74-83-9	5	25	2.5	160	U	0.16
Chloroethane	75-00-3	5	25	2.5	160	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	64	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	160	U	0.16
Acetone	67-64-1	10	50	5.0	321	U	0.32
1,1-Dichloroethene	75-35-4	2	10	1.0	64	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
Methylene Chloride	75-09-2	2	36	3.6	229	B	0.23
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	64	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	64	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	64	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	64	U	0.06
Chloroform	67-66-3	2	10	1.0	64	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
2-Butanone	78-93-3	10	122	12.2	781		0.78
1,1,1-Trichloroethane	71-55-6	2	10	1.0	64	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	64	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	64	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	64	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	64	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	64	U	0.06
Dibromomethane	75-95-3	2	10	1.0	64	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	64	U	0.06
Trichloroethene	79-01-6	2	10	1.0	64	U	0.06
Benzene	71-43-2	2	10	1.0	64	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	64	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	64	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	64	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	64	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	64	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	321	U	0.32
2-Hexanone	591-78-6	10	50	5.0	321	U	0.32
Tetrachloroethene	127-18-4	2	10	1.0	64	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	64	U	0.06
Bromoform	75-25-2	2	10	1.0	64	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	64	U	0.06
Toluene	108-88-3	2	10	1.0	64	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	64	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	64	U	0.06
Styrene	100-42-5	2	10	1.0	64	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	128	U	0.13
o-Xylene	95-47-6	2	10	1.0	64	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	64	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	64	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	64	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	64	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	64	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	64	U	0.06
Bromobenzene	108-86-1	2	10	1.0	64	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	64	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	64	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	64	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	64	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	64	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	64	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	64	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	64	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	160	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	64	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	64	U	0.06
Naphthalene	91-20-3	2	10	1.0	64	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	64	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst *Date* *Review* *Date*

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-6	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	*110601*	*Percent Solids:*	*87.25*
Laboratory Data File:	01110716	Laboratory Code:	STL-0ST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	143	U	0.14
Chloromethane	74-87-3	5	25	2.5	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	143	U	0.14
Chloroethane	75-00-3	5	25	2.5	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	143	U	0.14
Acetone	67-64-1	10	50	5.0	287	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	**53**	5.3	**302**	**B**	**0.30**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	**11**	1.1	**61**		**0.06**
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	**134**	13.4	**768**		0.77
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	*124-48-1*	2	*10*	1.0	57	U	*0.06*
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	287	U	0.29
2-Hexanone	591-78-6	10	**57**	5.7	**324**		**0.32**
Tetrachloroethene	127-18-4	2	**165**	16.5	**945**		**0.95**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	**28**	2.8	**163**		**0.16**
Ethyl benzene	100-41-4	2	**153**	15.3	**878**		**0.88**
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	**149**	14.9	**856**		**0.86**
o-Xylene	95-47-6	2	**196**	19.6	**1124**		**1.12**
1,3-Dichlorobenzene	541-73-1	2	**11**	1.1	**63**		**0.06**
1,4-Dichlorobenzene	106-46-7	2	**175**	17.5	**1002**		**1.00**
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	**430**	43.0	**2465**		**2.47**
Isopropyl benzene	98-82-8	2	**12**	1.2	**67**		**0.07**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	*106-43-4*	2	*10*	1.0	57	*U*	*0.06*
1,3,5-Trimethylbenzene	108-67-8	2	**12**	1.2	**67**		**0.07**
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	**30**	3.0	**173**		**0.17**
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	**170**	17.0	**972**		**0.97**
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	**24**	2.4	**140**		**0.14**
1,2,3-Trichlorobenzene	87-61-6	2	**659**	65.9	**3776**		**3.78**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0645

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID	URS110601-06	Prep Method 1	SW5035
Field Sample ID:	GCMS-Q-8	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	85.94
Laboratory Data File:	01110717	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.15
Chloromethane	74-87-3	5	25	2.5	145	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.15
Chloroethane	75-00-3	5	25	2.5	145	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.15
Acetone	67-64-1	10	50	5.0	291	U	0.29
1,1-Dichloroethene	75-35-4	2	10	0.2	12	U	0.01
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	**90**	9.0	**572**	**B**	**0.57**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	**114**	11.4	**663**		**0.66**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	291	U	0.29
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	**13**	1.3	**75**		**0.08**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	**150**	15.0	**874**		**0.87**
Ethyl benzene	100-41-4	2	**35**	3.5	**206**		**0.21**
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	**26**	2.6	**152**		**0.15**
o-Xylene	95-47-6	2	**19**	1.9	**113**		**0.11**
1,3-Dichlorobenzene	541-73-1	2	**18**	1.8	**103**		**0.10**
1,4-Dichlorobenzene	106-46-7	2	**1726**	172.6	**10042**	**E**	**10.0**
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	**317**	31.7	**1844**		**1.84**
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	**92**	9.2	**538**		**0.54**
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	**816**	81.6	**4746**		**4.75**
1,2,3-Trichlorobenzene	87-61-6	2	**436**	43.6	**2537**		**2.54**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-06DL	Prep Method 1:	SW5035
Field Sample ID	GCMS Q-8	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/08/01
Date Sample Received:	*11/06/01*	*Result Type:*	*FR*
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	85.94
Laboratory Data File:	01110805	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	291	U	0.29
Chloromethane	74-87-3	5	25	2.5	291	U	0.29
Vinyl Chloride	75-01-4	2	10	1.0	116	U	0.12
Bromomethane	74-83-9	5	25	2.5	291	U	0.29
Chloroethane	75-00-3	5	25	2.5	291	U	0.29
Trichlorofluoromethane	75-69-4	2	10	1.0	116	U	0.12
Carbon Disulfide	75-15-0	5	25	2.5	291	U	0.29
Acetone	67-64-1	10	50	5.0	582	U	0.58
1,1-Dichloroethene	75-35-4	2	10	1.0	116	U	0.12
1,1-Dichloroethane	107-06-2	2	10	1.0	116	U	0.12
Methylene Chloride	**75-09-2**	**2**	**101**	**10.1**	**12000**		**12**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	116	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	116	U	0.12
2,2-Dichloropropane	590-20-7	2	10	1.0	116	U	0.12
Bromochloromethane	74-97-5	2	10	1.0	116	U	0.12
Chloroform	67-66-3	2	10	1.0	116	U	0.12
1,2-Dichloroethane	107-06-2	2	10	1.0	116	U	0.12
2-Butanone	**78-93-3**	**10**	**55**	**5.5**	**6400**		**6.4**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	116	U	0.12
2-Chloroethylvinyl ether		2	10	1.0	116	U	0.12
Carbon tetrachloride	56-15-0	2	10	1.0	116	U	0.12
1,1-Dichloropropene	563-58-6	2	10	1.0	116	U	0.12
1,2-Dichloropropane	78-87-5	2	10	1.0	116	U	0.12
Bromodichloromethane	75-27-4	2	10	1.0	116	U	0.12
Dibromomethane	75-95-3	2	10	1.0	116	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	116	U	0.12
Trichloroethene	79-01-6	2	10	1.0	116	U	0.12
Benzene	71-43-2	2	10	1.0	116	U	0.12
1,3-Dichloropropane	142-28-9	2	10	1.0	116	U	0.12
Dibromochloromethane	124-48-1	2	10	1.0	116	U	0.12
1,2-Dibromoethane	106-93-4	2	10	1.0	116	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	116	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	1.0	116	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	582	U	0.58
2-Hexanone	591-78-6	10	50	5.0	582	U	0.58
Tetrachloroethene	127-18-4	2	10	1.0	116	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	116	U	0.12
Bromoform	75-25-2	2	10	1.0	116	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	116	U	0.12
Toluene	108-88-3	2	10	1.0	116	U	0.12
Chlorobenzene	**108-90-7**	**2**	**110**	**11.0**	**13000**		**13**
Ethyl benzene	**100-41-4**	**2**	**24**	**2.4**	**2800**		**2.8**
Styrene	100-42-5	2	10	1.0	116	U	0.12
m&p Xylene	**1330-20-7**	**4**	**22**	**2.2**	**2600**		**2.6**
o-Xylene	**95-47-6**	**2**	**14**	**1.4**	**1600**		**1.6**
1,3-Dichlorobenzene	**541-73-1**	**2**	**12**	**1.2**	**1500**		**1.5**
1,4-Dichlorobenzene	**106-46-7**	**2**	**1114**	**111.4**	**130000**	**E**	**130**
n-Butyl benzene	104-51-8	2	10	1.0	116	U	0.1
1,2-Dichlorobenzene	**95-50-1**	**2**	**207**	**20.7**	**24000**		**24**
Isopropyl benzene	98-82-8	2	10	1.0	116	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	1.0	116	U	0.12
Bromobenzene	108-86-1	2	10	1.0	116	U	0.12
n-Propylbenzene	103-65-1	2	10	1.0	116	U	0.12
2-Chlorotoluene	95-49-8	2	10	1.0	116	U	0.12
4-Chlorotoluene	106-43-4	2	10	1.0	116	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	116	U	0.12
tert-Butylbenzene	98-06-6	2	10	1.0	116	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	116	U	0.12
sec-Butylbenzene	135-98-8	2	10	1.0	116	U	0.12
p-Isopropyltoluene	99-82-8	2	10	1.0	116	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	291	U	0.29
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**52**	**5.2**	**6100**		**6.1**
Hexachlorobutadiene	87-68-3	2	10	1.0	116	U	0.12
Naphthalene	**91-20-3**	**2**	**421**	**42.1**	**49000**		**49**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**235**	**23.5**	**28000**		**28**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract.		Sample Amount:	10
Lab Delivery Group.	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-06DL	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-8	Prep Method 2:	
Date Sample Collected	11/06/01	Lab Analysis Date:	11/09/01
Date Sample Received	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	200
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	85.94
Laboratory Data File:	01110905	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	582	U	0.58
Chloromethane	74-87-3	5	25	2.5	582	U	0.58
Vinyl Chlonde	75-01-4	2	10	1.0	233	U	0.23
Bromomethane	74-83-9	5	25	2.5	582	U	0.58
Chloroethane	75-00-3	5	25	2.5	582	U	0.58
Trichlorofluoromethane	75-69-4	2	10	1.0	233	U	0.23
Carbon Disulfide	75-15-0	5	25	2.5	582	U	0.58
Acetone	67-64-1	10	50	5.0	1164	U	1.16
1,1-Dichloroethene	75-35-4	2	10	1.0	233	U	0.23
1,1-Dichloroethane	107-06-2	2	10	1.0	233	U	0.23
Methylene Chloride	**75-09-2**	**2**	**102**	**10.2**	**2364**	**B**	**2.36**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	233	U	0.23
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	233	U	0.23
2,2-Dichloropropane	590-20-7	2	10	1.0	233	U	0.23
Bromochloromethane	74-97-5	2	10	1.0	233	U	0.23
Chloroform	67-66-3	2	10	1.0	233	U	0.23
1,2-Dichloroethane	107-06-2	2	10	1.0	233	U	0.23
2-Butanone	78-93-3	10	50	5.0	1164	U	1.16
1,1,1-Trichloroethane	71-55-6	2	10	1.0	233	U	0.23
2-Chloroethylvinyl ether		2	10	1.0	233	U	0.23
Carbon tetrachloride	56-15-0	2	10	1.0	233	U	0.23
1,1-Dichloropropene	563-58-6	2	10	1.0	233	U	0.23
1,2-Dichloropropane	78-87-5	2	10	1.0	233	U	0.23
Bromodichloromethane	75-27-4	2	10	1.0	233	U	0.23
Dibromomethane	75-95-3	2	10	1.0	233	U	0.23
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	233	U	0.23
Trichloroethene	79-01-6	2	10	1.0	233	U	0.23
Benzene	71-43-2	2	10	1.0	233	U	0.23
1,3-Dichloropropane	142-28-9	2	10	1.0	233	U	0.23
Dibromochloromethane	124-48-1	2	10	1.0	233	U	0.23
1,2-Dibromoethane	106-93-4	2	10	1.0	233	U	0.23
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	233	U	0.23
1,1,2-Trichloroethane	79-00-5	2	10	1.0	233	U	0.23
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	1164	U	1.16
2-Hexanone	591-78-6	10	50	5.0	1164	U	1.16
Tetrachloroethene	127-18-4	2	10	1.0	233	U	0.23
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	233	U	0.23
Bromoform	75-25-2	2	10	1.0	233	U	0.23
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	233	U	0.23
Toluene	108-88-3	2	10	1.0	233	U	0.23
Chlorobenzene	**108-90-7**	**2**	**72**	**7.2**	**1677**		**1.68**
Ethyl benzene	**100-41-4**	**2**	**15**	**1.5**	**354**		**0.35**
Styrene	100-42-5	2	10	1.0	233	U	0.23
m&p Xylene	**1330-20-7**	**4**	**14**	**1.4**	**324**		**0.32**
o-Xylene	95-47-6	2	10	1.0	233	U	0.23
1,3-Dichlorobenzene	541-73-1	2	10	1.0	233	U	0.23
1,4-Dichlorobenzene	**106-46-7**	**2**	**667**	**66.7**	**15516**		**15.5**
n-Butyl benzene	104-51-8	2	10	1.0	233	U	0.23
1,2-Dichlorobenzene	**95-50-1**	**2**	**121**	**12.1**	**2814**		**2.81**
Isopropyl benzene	98-82-8	2	10	1.0	233	U	0.23
1,2,3-Trichloropropane	96-18-4	2	10	1.0	233	U	0.23
Bromobenzene	108-86-1	2	10	1.0	233	U	0.23
n-Propylbenzene	103-65-1	2	10	1.0	233	U	0.23
2-Chlorotoluene	95-49-8	2	10	1.0	233	U	0.23
4-Chlorotoluene	106-43-4	2	10	1.0	233	U	0.23
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	233	U	0.23
tert-Butylbenzene	98-06-6	2	10	1.0	233	U	0.23
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	233	U	0.23
sec-Butylbenzene	135-98-8	2	10	1.0	233	U	0.23
p-Isopropyltoluene	99-82-8	2	10	1.0	233	U	0.23
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	582	U	0.58
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**26**	**2.6**	**614**		**0.61**
Hexachlorobutadiene	87-68-3	2	10	1.0	233	U	0.23
Naphthalene	**91-20-3**	**2**	**215**	**21.5**	**5002**		**5.00**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**131**	**13.1**	**3041**		**3.04**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* *Indicates surrogate tes outside of normal QC range, possibly due to matrix effect.*

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-07RR	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-7	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	89.77
Laboratory Data File:	01110806	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	1392	U	1.39
Chloromethane	74-87-3	5	25	2.5	1392	U	1.39
Vinyl Chloride	75-01-4	2	10	1.0	557	U	0.56
Bromomethane	74-83-9	5	25	2.5	1392	U	1.39
Chloroethane	75-00-3	5	25	2.5	1392	U	1.39
Trichlorofluoromethane	75-69-4	2	10	1.0	557	U	0.56
Carbon Disulfide	75-15-0	5	25	2.5	1392	U	1.39
Acetone	67-64-1	10	50	5.0	2785	U	2.78
1,1-Dichloroethene	75-35-4	2	10	1.0	557	U	0.56
1,1-Dichloroethane	107-06-2	2	10	1.0	557	U	0.56
Methylene Chloride	**75-09-2**	**2**	**44**	**4.4**	**2433**	**B**	**2.43**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	557	U	0.56
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	557	U	0.56
2,2-Dichloropropane	590-20-7	2	10	1.0	557	U	0.56
Bromochloromethane	74-97-5	2	10	1.0	557	U	0.56
Chloroform	67-66-3	2	10	1.0	557	U	0.56
1,2-Dichloroethane	107-06-2	2	10	1.0	557	U	0.56
2-Butanone	**78-93-3**	**10**	**26**	**2.6**	**1449**		**1.45**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	557	U	0.56
2-Chloroethylvinyl ether		2	10	1.0	557	U	0.56
Carbon tetrachloride	*56-15-0*	2	10	1.0	557	U	0.56
1,1-Dichloropropene	563-58-6	2	10	1.0	557	U	0.56
1,2-Dichloropropane	78-87-5	2	10	1.0	557	U	0.56
Bromodichloromethane	75-27-4	2	10	1.0	557	U	0.56
Dibromomethane	75-95-3	2	10	1.0	557	U	0.56
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	557	U	0.56
Trichloroethene	79-01-6	2	10	1.0	557	U	0.56
Benzene	71-43-2	2	10	1.0	557	U	0.56
1,3-Dichloropropane	142-28-9	2	10	1.0	557	U	0.56
Dibromochloromethane	124-48-1	2	10	1.0	557	U	0.56
1,2-Dibromoethane	106-93-4	2	10	1.0	557	U	0.56
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	557	U	0.56
1,1,2-Trichloroethane	79-00-5	2	10	1.0	557	U	0.56
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	2785	U	2.78
2-Hexanone	591-78-6	10	50	5.0	2785	U	2.78
Tetrachloroethene	127-18-4	2	10	1.0	557	U	0.56
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	557	U	0.56
Bromoform	75-25-2	2	10	1.0	557	U	0.56
1,1,2,2-Tetrachloroethane	*79-34-5*	2	10	1.0	557	U	0.56
Toluene	108-88-3	2	10	1.0	557	U	0.56
Chlorobenzene	108-90-7	2	17	1.7	**941**		**0.94**
Ethyl benzene	100-41-4	2	19	1.9	**1041**		**1.04**
Styrene	100-42-5	2	10	1.0	557	U	0.56
m&p Xylene	1330-20-7	4	88	8.8	**4895**		**4.89**
o-Xylene	95-47-6	2	21	2.1	**1157**		**1.16**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	557	U	0.56
1,4-Dichlorobenzene	106-46-7	2	102	10.2	**5681**		**5.68**
n-Butyl benzene	104-51-8	2	10	1.0	557	U	0.56
1,2-Dichlorobenzene	95-50-1	2	940	94.0	**52352**		**52.4**
Isopropyl benzene	98-82-8	2	10	1.0	557	U	0.56
1,2,3-Trichloropropane	96-18-4	2	10	1.0	557	U	0.56
Bromobenzene	108-86-1	2	10	1.0	557	U	0.56
n-Propylbenzene	103-65-1	2	10	1.0	557	U	0.56
2-Chlorotoluene	95-49-8	2	10	1.0	557	U	0.56
4-Chlorotoluene	106-43-4	2	10	1.0	557	U	0.56
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	557	U	0.56
tert-Butylbenzene	98-06-6	2	10	1.0	557	U	0.56
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	557	U	0.56
sec-Butylbenzene	135-98-8	2	10	1.0	557	U	0.56
p-Isopropyltoluene	99-82-8	2	10	1.0	557	U	0.56
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	1392	U	1.39
1,2,4-Trichlorobenzene	120-82-1	2	36	3.6	**2024**		**2.02**
Hexachlorobutadiene	87-68-3	2	10	1.0	557	U	0.56
Naphthalene	91-20-3	2	10	1.0	557	U	0.56
1,2,3-Trichlorobenzene	87-61-6	2	135	13.5	**7515**		**7.51**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-7A	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids	92.1
Laboratory Data File:	01110719	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	136	U	0.14
Chloromethane	74-87-3	5	25	2.5	136	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	54	U	0.05
Bromomethane	74-83-9	5	25	2.5	136	U	0.14
Chloroethane	75-00-3	5	25	2.5	136	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	136	U	0.14
Acetone	67-64-1	10	50	5.0	271	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
Methylene Chloride	75-09-2	2	**139**	13.9	**756**	**B**	**0.76**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	54	U	0.05
Chloroform	67-66-3	2	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
2-Butanone	78-93-3	10	**120**	12.0	**652**		**0.65**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	54	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	54	U	0.05
Trichloroethene	79-01-6	2	10	1.0	54	U	0.05
Benzene	71-43-2	2	10	1.0	54	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	271	U	0.27
2-Hexanone	591-78-6	10	50	5.0	271	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	54	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	54	U	0.05
Bromoform	75-25-2	2	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	54	U	0.05
Toluene	108-88-3	2	10	1.0	54	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	54	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	54	U	0.05
Styrene	100-42-5	2	10	1.0	54	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	109	U	0.11
o-Xylene	95-47-6	2	10	1.0	54	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	54	U	0.05
1,4-Dichlorobenzene	106-46-7	2	**15**	1.5	**82**		**0.08**
n-Butyl benzene	104-51-8	2	10	1.0	54	U	0.05
1,2-Dichlorobenzene	95-50-1	2	**137**	13.7	**741**		**0.74**
Isopropyl benzene	98-82-8	2	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2	10	1.0	54	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	54	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	54	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	136	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	**11**	1.1	**61**		**0.06**
Hexachlorobutadiene	87-68-3	2	10	1.0	54	U	0.05
Naphthalene	91-20-3	2	10	1.0	54	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	**27**	2.7	**146**		**0.15**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-4	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	72.6
Laboratory Data File:	01110720	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	172	U	0.17
Chloromethane	74-87-3	5	25	2.5	172	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	69	U	0.07
Bromomethane	74-83-9	5	25	2.5	172	U	0.17
Chloroethane	75-00-3	5	25	2.5	172	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	69	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	172	U	0.17
Acetone	67-64-1	10	50	5.0	344	U	0.34
1,1-Dichloroethene	75-35-4	2	10	1.0	69	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	69	U	0.07
Methylene Chloride	75-09-2	2	**158**	15.8	**1091**	**B**	**1.09**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	69	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	69	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	69	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	69	U	0.07
Chloroform	67-66-3	2	10	1.0	69	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	69	U	0.07
2-Butanone	78-93-3	10	**84**	8.4	**578**		**0.58**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	69	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	69	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	69	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	69	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	69	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	69	U	0.07
Dibromomethane	75-95-3	2	10	1.0	69	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	69	U	0.07
Trichloroethene	79-01-6	2	10	1.0	69	U	0.07
Benzene	71-43-2	2	10	1.0	69	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	69	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	69	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	69	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	69	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	69	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	344	U	0.34
2-Hexanone	591-78-6	10	50	5.0	344	U	0.34
Tetrachloroethene	127-18-4	2	**1418**	141.8	**9768**	**E**	**9.77**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	69	U	0.07
Bromoform	75-25-2	2	10	1.0	69	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	69	U	0.07
Toluene	108-88-3	2	10	1.0	69	U	0.07
Chlorobenzene	108-90-7	2	**1956**	195.6	**13473**	**E**	**13.5**
Ethyl benzene	100-41-4	2	**13**	1.3	**88**		**0.09**
Styrene	100-42-5	2	10	1.0	69	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	138	U	0.14
o-Xylene	95-47-6	2	10	1.0	69	U	0.07
1,3-Dichlorobenzene	541-73-1	2	**37**	3.7	**256**		0.26
1,4-Dichlorobenzene	106-46-7	2	**3856**	385.6	**26556**	**E**	**26.6**
n-Butyl benzene	104-51-8	2	10	1.0	69	U	0.07
1,2-Dichlorobenzene	95-50-1	2	**536**	53.6	**3690**		**3.69**
Isopropyl benzene	98-82-8	2	10	1.0	69		0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	69	U	0.07
Bromobenzene	108-86-1	2	10	1.0	69	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	69	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	69	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	69	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	69	U	0.07
tert-Butylbenzene	98-06-6	2	**18**	1.8	**123**		**0.12**
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	69	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	69	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	69	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	172	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	69	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	69	U	0.07
Naphthalene	91-20-3	2	**2602**	260.2	**17919**	**E**	**17.9**
1,2,3-Trichlorobenzene	87-61-6	2	**30**	3.0	**209**		**0.21**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	100	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	98	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

WI Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORITORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS110601-09DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-4	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110601	Percent Solids:	72.63
Laboratory Data File:	01110807	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	1721	U	1.72
Chloromethane	74-87-3	5	25	2.5	1721	U	1.72
Vinyl Chloride	75-01-4	2	10	1.0	688	U	0.69
Bromomethane	74-83-9	5	25	2.5	1721	U	1.72
Chloroethane	75-00-3	5	25	2.5	1721	U	1.72
Trichlorofluoromethane	75-69-4	2	10	1.0	688	U	0.69
Carbon Disulfide	75-15-0	5	25	2.5	1721	U	1.72
Acetone	67-64-1	10	50	5.0	3442	U	3.44
1,1-Dichloroethene	75-35-4	2	10	1.0	688	U	0.69
1,1-Dichloroethane	107-06-2	2	10	1.0	688	U	0.69
Methylene Chloride	**75-09-2**	**2**	**43**	**4.3**	**2973**	**B**	**2.97**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	688	U	0.69
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	688	U	0.69
2,2-Dichloropropane	590-20-7	2	10	1.0	688	U	0.69
Bromochloromethane	74-97-5	2	10	1.0	688	U	0.69
Chloroform	67-66-3	2	10	1.0	688	U	0.69
1,2-Dichloroethane	107-06-2	2	10	1.0	688	U	0.69
2-Butanone	78-93-3	10	50	5.0	3442	U	3.44
1,1,1-Trichloroethane	71-55-6	2	10	1.0	688	U	0.69
2-Chloroethylvinyl ether		2	10	1.0	688	U	0.69
Carbon tetrachloride	56-15-0	2	10	1.0	688	U	0.69
1,1-Dichloropropene	563-58-6	2	10	1.0	688	U	0.69
1,2-Dichloropropane	78-87-5	2	10	1.0	688	U	0.69
Bromodichloromethane	75-27-4	2	10	1.0	688	U	0.69
Dibromomethane	75-95-3	2	10	1.0	688	U	0.69
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	688	U	0.69
Trichloroethene	79-01-6	2	10	1.0	688	U	0.69
Benzene	71-43-2	2	10	1.0	688	U	0.69
1,3-Dichloropropane	142-28-9	2	10	1.0	688	U	0.69
Dibromochloromethane	124-48-1	2	10	1.0	688	U	0.69
1,2-Dibromoethane	106-93-4	2	10	1.0	688	U	0.69
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	688	U	0.69
1,1,2-Trichloroethane	79-00-5	2	10	1.0	688	U	0.69
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	3442	U	3.44
2-Hexanone	591-78-6	10	50	5.0	3442	U	3.44
Tetrachloroethene	**127-18-4**	**2**	**120**	**12.0**	**8274**		**8.27**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	688	U	0.69
Bromoform	75-25-2	2	10	1.0	688	U	0.69
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	688	U	0.69
Toluene	108-88-3	2	10	1.0	688	U	0.69
Chlorobenzene	108-90-7	2	201	20.1	13870		13.87
Ethyl benzene	100-41-4	2	10	1.0	688	U	0.69
Styrene	100-42-5	2	10	1.0	688	U	0.69
m&p Xylene	1330-20-7	4	20	2.0	1377	U	1.38
o-Xylene	95-47-6	2	10	1.0	688	U	0.69
1,3-Dichlorobenzene	541-73-1	2	10	1.0	688	U	0.69
1,4-Dichlorobenzene	**106-46-7**	**2**	**780**	**78.0**	**53720**		**53.7**
n-Butyl benzene	104-51-8	2	10	1.0	688	U	0.69
1,2-Dichlorobenzene	**95-50-1**	**2**	**68**	**6.8**	**4661**		**4.66**
Isopropyl benzene	98-82-8	2	10	1.0	688	U	0.69
1,2,3-Trichloropropane	96-18-4	2	10	1.0	688	U	0.69
Bromobenzene	108-86-1	2	10	1.0	688	U	0.69
n-Propylbenzene	103-65-1	2	10	1.0	688	U	0.69
2-Chlorotoluene	95-49-8	2	10	1.0	688	U	0.69
4-Chlorotoluene	106-43-4	2	10	1.0	688	U	0.69
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	688	U	0.69
tert-Butylbenzene	98-06-6	2	10	1.0	688	U	0.69
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	688	U	0.69
sec-Butylbenzene	135-98-8	2	10	1.0	688	U	0.69
p-Isopropyltoluene	99-82-8	2	10	1.0	688	U	0.69
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	1721	U	1.72
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	688	U	0.69
Hexachlorobutadiene	87-68-3	2	10	1.0	688	U	0.69
Naphthalene	**91-20-3**	**2**	**248**	**24.8**	**17071**		**17.1**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**13**	**1.3**	**871**		**0.87**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	88-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-9	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110701	Percent Solids:	89
Laboratory Data File:	01110721	Laboratory Code:	Stl-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	140	U	0.14
Chloromethane	74-87-3	5	25	2.5	140	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	*74-83-9*	*5*	*104*	*10.4*	*582*	*U*	*0.58*
Chloroethane	75-00-3	5	25	2.5	140	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	140	U	0.14
Acetone	67-64-1	10	50	5.0	280	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2	**193**	19.3	**1077**		**1.08**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	*74-97-5*	*2*	*10*	*1.0*	*56*	*U*	*0.06*
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	78-93-3	10	**92**	9.2	**513**		**0.51**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	280	U	0.28
2-Hexanone	591-78-6	10	50	5.0	280	U	0.28
Tetrachloroethene	127-18-4	2	**46**	4.6	**256**		**0.26**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	**45**	4.5	**253**		**0.25**
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	112	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2	**153**	15.3	**854**		**0.85**
n-Butyl benzene	*104-51-8*	*2*	*10*	*1.0*	*56*	*U*	*0.06*
1,2-Dichlorobenzene	95-50-1	2	**20**	2.0	**115**		**0.11**
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	**13**	1.3	**74**		**0.07**
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	91-20-3	2	**83**	8.3	**463**		**0.46**
1,2,3-Trichlorobenzene	87-61-6	2	**38**	3.8	**212**		**0.21**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	97	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0648

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-11	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110701	Percent Solids:	87
Laboratory Data File:	01110728	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	104	10.4	600	U	0.60
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	50	5.0	288	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	**241**	24.1	**1392**	**B**	**1.39**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	**50**	5.0	**290**		**0.29**
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	**96**	9.6	**552**		**0.55**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	**85**	8.5	**487**		**0.49**
Benzene	71-43-2	2	**27**	2.7	**156**		**0.16**
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	288	U	0.29
2-Hexanone	591-78-6	10	**105**	10.5	**603**		**0.60**
Tetrachloroethene	127-18-4	2	**421**	42.1	**2430**		**2.43**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	**81**	8.1	**467**		**0.47**
Chlorobenzene	108-90-7	2	**579**	57.9	**3338**		**3.34**
Ethyl benzene	100-41-4	2	**69**	6.9	**401**		**0.40**
Styrene	100-42-5	2	**34**	3.4	**198**		**0.20**
m&p Xylene	1330-20-7	4	**189**	18.9	**1088**		**1.09**
o-Xylene	95-47-6	2	**73**	7.3	**420**		**0.42**
1,3-Dichlorobenzene	541-73-1	2	**16**	1.6	**94**		**0.09**
1,4-Dichlorobenzene	106-46-7	2	**1654**	165.4	**9540**	**E**	**9.54**
n-Butyl benzene	104-51-8	2	**28**	2.8	**164**		**0.16**
1,2-Dichlorobenzene	95-50-1	2	**120**	12.0	**693**		**0.69**
Isopropyl benzene	98-82-8	2	**16**	1.6	**94**		**0.09**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	**35**	3.5	**201**		**0.20**
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	**16**	1.6	**94**		**0.09**
tert-Butylbenzene	98-06-6	2	**123**	12.3	**707**		**0.71**
1,2,4-Trimethylbenzene	120-82-1	2	**171**	17.1	**984**		**0.98**
sec-Butylbenzene	135-98-8	2	**16**	1.6	**94**		**0.09**
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	**22**	2.2	**126**		**0.13**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Picurell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORITORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract			
Lab Delivery Group:	URS110701	Sample Amount:	10
Lab Sample ID	URS110701-02DL	Lab Prep Date.	11/07/01
Field Sample ID.	GCMS Q-11	Prep Method 1:	SW5035
Date Sample Collected:	11/07/01	Prep Method 2:	
Date Sample Received:	11/07/01	Lab Analysis Date:	11/08/01
EDD Transfer Date:		Result Type:	FR
Sample Matrix:	S	Result Units:	ug/kg
Sample Type	F	Dilution Type:	00
Analysis Method:	SW8260B	Dilution Factor:	100
Prep Batch Number:	V110701	Spike Amount:	
Laboratory Data File:	01110811	Percent Solids:	87
		Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	288	U	0.29
Chloromethane	74-87-3	5	25	2.5	288	U	0.29
Vinyl Chloride	75-01-4	2	10	1.0	115	U	0.12
Bromomethane	74-83-9	5	25	2.5	288	U	0.29
Chloroethane	75-00-3	5	25	2.5	288	U	0.29
Trichlorofluoromethane	75-69-4	2	10	1.0	115	U	0.12
Carbon Disulfide	75-15-0	5	25	2.5	288	U	0.29
Acetone	67-64-1	10	50	5.0	577	U	0.58
1,1-Dichloroethene	75-35-4	2	10	1.0	115	U	0.12
1,1-Dichloroethane	107-06-2	2	10	1.0	115	U	0.12
Methylene Chloride	75-09-2	2	16	1.6	187	B	0.19
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	115	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	56	5.6	646		0.65
2,2-Dichloropropane	590-20-7	2	10	1.0	115	U	0.12
Bromochloromethane	74-97-5	2	10	1.0	115	U	0.12
Chloroform	67-66-3	2	10	1.0	115	U	0.12
1,2-Dichloroethane	107-06-2	2	10	1.0	115	U	0.12
2-Butanone	78-93-3	10	51	5.1	586	B	0.59
1,1,1-Trichloroethane	71-55-6	2	10	1.0	115	U	0.12
2-Chloroethylvinyl ether		2	10	1.0	115	U	0.12
Carbon tetrachloride	56-15-0	2	10	1.0	115	U	0.12
1,1-Dichloropropene	563-58-6	2	10	1.0	115	U	0.12
1,2-Dichloropropane	78-87-5	2	10	1.0	115	U	0.12
Bromodichloromethane	75-27-4	2	10	1.0	115	U	0.12
Dibromomethane	75-95-3	2	10	1.0	115	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	115	U	0.12
Trichloroethene	79-01-6	2	64	6.4	733		0.73
Benzene	71-43-2	2	20	2.0	236		0.24
1,3-Dichloropropane	142-28-9	2	10	1.0	115	U	0.12
Dibromochloromethane	124-48-1	2	10	1.0	115	U	0.12
1,2-Dibromoethane	106-93-4	2	10	1.0	115	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	115	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	1.0	115	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	577	U	0.58
2-Hexanone	591-78-6	10	98	9.8	1136		1.14
Tetrachloroethene	127-18-4	2	252	25.2	2904		2.90
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	115	U	0.12
Bromoform	75-25-2	2	10	1.0	115	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	115	U	0.12
Toluene	108-88-3	2	49	4.9	569		0.57
Chlorobenzene	108-90-7	2	343	34.3	3960		3.96
Ethyl benzene	100-41-4	2	40	4.0	457		0.46
Styrene	100-42-5	2	19	1.9	224		0.22
m&p Xylene	1330-20-7	4	106	10.6	1225		1.23
o-Xylene	95-47-6	2	38	3.8	443		0.44
1,3-Dichlorobenzene	541-73-1	2	10	1.0	115	U	0.12
1,4-Dichlorobenzene	106-46-7	2	919	91.9	10601		10.60
n-Butyl benzene	104-51-8	2	16	1.6	189		0.19
1,2-Dichlorobenzene	95-50-1	2	71	7.1	819		0.82
Isopropyl benzene	98-82-8	2	10	1.0	115	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	1.0	115	U	0.12
Bromobenzene	108-86-1	2	10	1.0	115	U	0.12
n-Propylbenzene	103-65-1	2	18	1.8	213		0.21
2-Chlorotoluene	95-49-8	2	10	1.0	115	U	0.12
4-Chlorotoluene	106-43-4	2	10	1.0	115	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	115	U	0.12
tert-Butylbenzene	98-06-6	2	55	5.5	636		0.64
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	115	U	0.12
sec-Butylbenzene	135-98-8	2	10	1.0	115	U	0.12
p-Isopropyltoluene	99-82-8	2	10	1.0	115	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	288	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	115	U	0.12
Hexachlorobutadiene	87-68-3	2	10	1.0	115	U	0.12
Naphthalene	91-20-3	2	15	1.5	178		0.18
1,2,3-Trichlorobenzene	87-61-6	2	23	2.3	260		0.26

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate les outside of normal QC range, possibly due to matrix effect

DL = Detect on Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-03	Prep Method 1	SW5035
Field Sample ID:	GCMS-Q-17	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110701	Percent Solids:	91
Laboratory Data File:	01110729	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	138	U	0.14
Chloromethane	74-87-3	5	25	2.5	138	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.06
Bromomethane	74-83-9	5	104	10.4	573	U	0.57
Chloroethane	75-00-3	5	25	2.5	138	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	138	U	0.14
Acetone	67-64-1	10	50	5.0	275	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
Methylene Chloride	75-09-2	2	**258**	25.8	**1422**	**B**	**1.42**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.06
Chloroform	67-66-3	2	10	1.0	55	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
2-Butanone	78-93-3	10	**93**	9.3	**514**		**0.51**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.06
Dibromomethane	75-95-3	2	10	1.0	55	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.06
Trichloroethene	79-01-6	2	10	1.0	55	U	0.06
Benzene	71-43-2	2	10	1.0	55	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	275	U	0.28
2-Hexanone	591-78-6	10	50	5.0	275	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.06
Bromoform	75-25-2	2	10	1.0	55	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.06
Toluene	108-88-3	2	10	1.0	55	U	0.06
Chlorobenzene	108-90-7	2	**11**	1.1	**61**		**0.06**
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.06
Styrene	100-42-5	2	10	1.0	55	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.06
1,4-Dichlorobenzene	106-46-7	2	**1167**	116.7	**6428**		**6.43**
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.06
1,2-Dichlorobenzene	95-50-1	2	**28**	2.8	**156**		**0.16**
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.06
Bromobenzene	108-86-1	2	10	1.0	55	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	138	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.06
Naphthalene	91-20-3	2	**82**	8.2	**452**		**0.45**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

URS Contract		Sample Amount:	10
Lab Delivery Group	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID	URS110701-03DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-17	Prep Method 2:	
Date Sample Collected.	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type	FR
EDD Transfer Date'		Result Units	ug/kg
Sample Matrix.	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	100
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number.	V110701	Percent Solids:	91
Laboratory Data File.	01110812	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	275	U	0.28
Chloromethane	74-87-3	5	25	2.5	275	U	0.28
Vinyl Chloride	75-01-4	2	10	1.0	110	U	0.11
Bromomethane	74-83-9	5	25	2.5	275	U	0.28
Chloroetnane	75-00-3	5	25	2.5	275	U	0.28
Trichlorofluoromethane	75-69-4	2	10	1.0	110	U	0.11
Carbon Disulfide	75-15-0	5	25	2.5	275	U	0.28
Acetone	67-64-1	10	50	5.0	551	U	0.55
1,1-Dichloroethene	75-35-4	2	10	1.0	110	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.0	110	U	0.11
Methylene Chloride	75-09-2	2	18	1.8	199		0.20
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	110	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	110	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.0	110	U	0.11
Bromochloromethane	74-97-5	2	10	1.0	110	U	0.11
Chloroform	67-66-3	2	10	1.0	110	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.0	110	U	0.11
2-Butanone	78-93-3	10	50	5.0	551	U	0.55
1,1,1-Trichloroethane	71-55-6	2	10	1.0	110	U	0.11
2-Chloroethylvinyl ether		2	10	1.0	110	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.0	110	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.0	110	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.0	110	U	0.11
Bromodichloromethane	75-27-4	2	10	1.0	110	U	0.11
Dibromomethane	75-95-3	2	10	1.0	110	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	110	U	0.11
Trichloroethene	79-01-6	2	10	1.0	110	U	0.11
Benzene	71-43-2	2	10	1.0	110	U	0.11
1,3-Dichloropropane	142-28-9	2	10	1.0	110	U	0.11
Dibromochloromethane	124-48-1	2	10	1.0	110	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.0	110	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	110	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.0	110	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	551	U	0.55
2-Hexanone	591-78-6	10	50	5.0	551	U	0.55
Tetrachloroethene	127-18-4	2	10	1.0	110	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	110	U	0.11
Bromoform	75-25-2	2	10	1.0	110	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	110	U	0.11
Toluene	108-88-3	2	10	1.0	110	U	0.11
Chlorobenzene	108-90-7	2	10	1.0	110	U	0.11
Ethyl benzene	100-41-4	2	10	1.0	110	U	0.11
Styrene	100-42-5	2	10	1.0	110	U	0.11
m&p Xylene	1330-20-7	4	20	2.0	220	U	0.22
o-Xylene	95-47-6	2	10	1.0	110	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	1.0	110	U	0.11
1,4-Dichlorobenzene	106-46-7	2	626	62.6	6892		6.89
n-Butyl benzene	104-51-8	2	10	1.0	110	U	0.11
1,2-Dichlorobenzene	95-50-1	2	15	1.5	164		0.16
Isopropyl benzene	98-82-8	2	10	1.0	110	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	1.0	110	U	0.11
Bromobenzene	108-86-1	2	10	1.0	110	U	0.11
n-Propylbenzene	103-65-1	2	10	1.0	110	U	0.11
2-Chlorotoluene	95-49-8	2	10	1.0	110	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.0	110	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	110	U	0.11
tert-Butylbenzene	98-06-6	2	10	1.0	110	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	110	U	0.11
sec-Butylbenzene	135-98-8	2	10	1.0	110	U	0.11
p-Isopropyltoluene	99-82-8	2	10	1.0	110	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	275	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	110	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.0	110	U	0.11
Naphthalene	91-20-3	2	37	3.7	412		0.41
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	110	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Results= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-04	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-15	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor.	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110701	Percent Solids:	82
Laboratory Data File:	01110730	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	153	U	0.15
Chloromethane	74-87-3	5	25	2.5	153	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	61	U	0.06
Bromomethane	74-83-9	5	104	10.4	637	U	0.64
Chloroethane	75-00-3	5	25	2.5	153	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	153	U	0.15
Acetone	67-64-1	10	50	5.0	306	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
Methylene Chloride	75-09-2	2	**198**	19.8	**1213**	**B**	**1.21**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	61	U	0.06
Chloroform	67-66-3	2	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
2-Butanone	78-93-3	10	**89**	8.9	**543**		**0.54**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2	10	1.0	61	U	0.06
Benzene	71-43-2	2	10	1.0	61	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	306	U	0.31
2-Hexanone	591-78-6	10	50	5.0	306	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	61	U	0.06
Bromoform	75-25-2	2	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	61	U	0.06
Toluene	108-88-3	2	10	1.0	61	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	61	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	61	U	0.06
Styrene	100-42-5	2	10	1.0	61	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	123	U	0.12
o-Xylene	95-47-6	2	10	1.0	61	U	0.06
1,3-Dichlorobenzene	541-73-1	2	**15**	1.5	**92**		**0.09**
1,4-Dichlorobenzene	106-46-7	2	**42**	4.2	**260**		**0.26**
n-Butyl benzene	104-51-8	2	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	153	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	61	U	0.06
Naphthalene	91-20-3	2	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	**86**	8.6	**527**		0.53

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount	10
Lab Delivery Group:	URS110701	Lab Prep Date	11/07/01
Lab Sample ID:	URS110701-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-13	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110701	Percent Solids:	90
Laboratory Data File:	01110731	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	139	U	0.14
Chloromethane	74-87-3	5	25	2.5	139	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	104	10.4	578	U	0.58
Chloroethane	75-00-3	5	25	2.5	139	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	139	U	0.14
Acetone	67-64-1	10	50	5.0	278	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2	**182**	18.2	**1010**		**1.01**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	78-93-3	10	**84**	8.4	**468**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	278	U	0.28
2-Hexanone	591-78-6	10	50	5.0	278	U	0.28
Tetrachloroethene	127-18-4	2	**13**	1.3	**70**		**0.07**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	**16**	1.6	**86**		**0.09**
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	**111**	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2	**36**	3.6	**203**		**0.20**
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2	**121**	12.1	**673**		**0.67**
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	139	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	**33**	3.3	**183**		**0.18**
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	91-20-3	2	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	**85**	8.5	**475**		**0.48**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	95	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320 Ph 336-634-0660 Fax 336-634-0646

SEVERN TRENT LABORITORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount	10
Lab Delivery Group	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID	URS110701-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-44	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number	V110701	Percent Solids:	86
Laboratory Data File:	01110808	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.14
Chloromethane	74-87-3	5	25	2.5	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.14
Chloroethane	75-00-3	5	25	2.5	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.14
Acetone	67-64-1	10	50	5.0	290	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	26	2.6	150	B	0.15
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	117	11.7	675	B	0.68
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	12	1.2	72		0.07
Benzene	71-43-2	2	13	1.3	78		0.08
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	51	5.1	293		0.29
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	69	6.9	398		0.40
2-Hexanone	591-78-6	10	789	78.9	4569		4.57
Tetrachloroethene	127-18-4	2	25	2.5	143		0.14
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	1961	196.1	11361	E	11.36
Chlorobenzene	108-90-7	2	29	2.9	170		0.17
Ethyl benzene	100-41-4	2	1528	152.8	8853	E	8.85
Styrene	100-42-5	2	67	6.7	389		0.39
m&p Xylene	1330-20-7	4	4939	493.9	28613	E	28.61
o-Xylene	95-47-6	2	2223	222.3	12881	E	12.88
1,3-Dichlorobenzene	541-73-1	2	650	65.0	3766		3.77
1,4-Dichlorobenzene	106-46-7	2	5124	512.4	29690	E	29.69
n-Butyl benzene	104-51-8	2	36	3.6	207		0.21
1,2-Dichlorobenzene	95-50-1	2	2696	269.6	15617	E	15.62
Isopropyl benzene	98-82-8	2	36	3.6	209		0.21
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	64	6.4	373		0.37
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	36	3.6	209		0.21
tert-Butylbenzene	98-06-6	2	79	7.9	458		0.46
1,2,4-Trimethylbenzene	120-82-1	2	233	23.3	1349		1.35
sec-Butylbenzene	135-98-8	2	14	1.4	81		0.08
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	177	17.7	1023		1.02
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	98	9.8	566		0.57
1,2,3-Trichlorobenzene	87-61-6	2	611	61.1	3542		3.54

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-06DL	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-44	Prep Method 2.	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/09/01
Date Sample Received.	11/07/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix.	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5000
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110701	Percent Solids:	86
Laboratory Data File:	01110906	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	14483	U	14
Chloromethane	74-87-3	5	25	2.5	14483	U	14
Vinyl Chloride	75-01-4	2	10	1.0	5793	U	6
Bromomethane	74-83-9	5	104	10.4	60248	U	60
Chloroethane	75-00-3	5	25	2.5	14483	U	14
Trichlorofluoromethane	75-69-4	2	10	1.0	5793	U	6
Carbon Disulfide	75-15-0	5	25	2.5	14483	U	14
Acetone	67-64-1	10	50	5.0	28965	U	29
1,1-Dichloroethene	75-35-4	2	10	1.0	5793	U	6
1,1-Dichloroethane	107-06-2	2	10	1.0	5793	U	6
Methylene Chloride	75-09-2	2	**10**	1.0	**5932**	**B**	**6**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	5793	U	6
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	5793	U	6
2,2-Dichloropropane	590-20-7	2	10	1.0	5793	U	6
Bromochloromethane	74-97-5	2	10	1.0	5793	U	6
Chloroform	67-66-3	2	10	1.0	5793	U	6
1,2-Dichloroethane	107-06-2	2	10	1.0	5793	U	6
2-Butanone	78-93-3	10	50	5.0	28965	U	29
1,1,1-Trichloroethane	71-55-6	2	10	1.0	5793	U	6
2-Chloroethylvinyl ether		2	10	1.0	5793	U	6
Carbon tetrachloride	56-15-0	2	10	1.0	5793	U	6
1,1-Dichloropropene	563-58-6	2	10	1.0	5793	U	6
1,2-Dichloropropane	78-87-5	2	10	1.0	5793	U	6
Bromodichloromethane	75-27-4	2	10	1.0	5793	U	6
Dibromomethane	75-95-3	2	10	1.0	5793	U	6
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	5793	U	6
Trichloroethene	79-01-6	2	10	1.0	5793	U	6
Benzene	71-43-2	2	10	1.0	5793	U	6
1,3-Dichloropropane	142-28-9	2	10	1.0	5793	U	6
Dibromochloromethane	124-48-1	2	10	1.0	5793	U	6
1,2-Dibromoethane	106-93-4	2	10	1.0	5793	U	6
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	5793	U	6
1,1,2-Trichloroethane	79-00-5	2	10	1.0	5793	U	6
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	28965	U	29
2-Hexanone	591-78-6	10	**56**	5.6	**32563**		**33**
Tetrachloroethene	127-18-4	2	10	1.0	5793	U	6
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	5793	U	6
Bromoform	75-25-2	2	10	1.0	5793	U	6
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	5793	U	6
Toluene	108-88-3	2	**48**	4.8	**28033**		**28**
Chlorobenzene	108-90-7	2	10	1.0	5793	U	6
Ethyl benzene	100-41-4	2	**46**	4.6	26781	U	27
Styrene	100-42-5	2	10	1.0	5793	U	6
m&p Xylene	1330-20-7	4	**202**	20.2	**117147**		**117**
o-Xylene	95-47-6	2	**46**	4.6	**26642**		**27**
1,3-Dichlorobenzene	541-73-1	2	**16**	1.6	**9281**		**9**
1,4-Dichlorobenzene	106-46-7	2	**1203**	120.3	**696860**	**E**	**697**
n-Butyl benzene	104-51-8	2	10	1.0	5793	U	6
1,2-Dichlorobenzene	95-50-1	2	**74**	7.4	**42637**		**43**
Isopropyl benzene	98-82-8	2	10	1.0	5793	U	6
1,2,3-Trichloropropane	96-18-4	2	10	1.0	5793	U	6
Bromobenzene	108-86-1	2	10	1.0	5793	U	6
n-Propylbenzene	103-65-1	2	10	1.0	5793	U	6
2-Chlorotoluene	95-49-8	2	10	1.0	5793	U	6
4-Chlorotoluene	106-43-4	2	10	1.0	5793	U	6
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	5793	U	6
tert-Butylbenzene	98-06-6	2	10	1.0	5793	U	6
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	5793	U	6
sec-Butylbenzene	135-98-8	2	10	1.0	5793	U	6
p-Isopropyltoluene	99-82-8	2	10	1.0	5793	U	6
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	14483	U	14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	5793	U	6
Hexachlorobutadiene	87-68-3	2	10	1.0	5793	U	6
Naphthalene	91-20-3	2	10	1.0	5793	U	6
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	5793	U	6

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	115	86-120	80-120	71-106
Toluene-d8	2037-26-5	97	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-07	Prep Method 1:	SW5035
Field Sample ID	GCMS Q-56	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110701	Percent Solids:	90
Laboratory Data File:	01110809	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	140	U	0.14
Chloromethane	74-87-3	5	25	2.5	140	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.5	140	U	0.14
Chloroethane	75-00-3	5	25	2.5	140	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	140	U	0.14
Acetone	67-64-1	10	50	5.0	279	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2	19	1.9	104	B	0.10
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	78-93-3	10	73	7.3	406	B	0.41
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	279	U	0.28
2-Hexanone	591-78-6	10	50	5.0	279	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	112	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2	50	5.0	277		0.28
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	91-20-3	2	52	5.2	291		0.29
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-61	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110701	Percent Solids:	89
Laboratory Data File:	01110810	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	140	U	0.14
Chloromethane	74-87-3	5	25	2.5	140	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.5	140	U	0.14
Chloroethane	75-00-3	5	25	2.5	140	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	140	U	0.14
Acetone	67-64-1	10	50	5.0	281	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2	18	1.8	103		0.10
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	78-93-3	10	86	8.6	483		0.48
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	281	U	0.28
2-Hexanone	591-78-6	10	50	5.0	281	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	112	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2	95	9.5	536		0.54
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	91-20-3	2	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/10/01
Lab Sample ID:	URS110901-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-97	Prep Method 2.	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number	111001	Percent Solids:	82
Laboratory File Name:	01111005	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	152	U	0.15
Chloromethane	74-87-3	5.0	25	2.5	152	U	0.15
Vinyl Chloride	75-01-4	2.0	10	1.0	61	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	152	U	0.15
Chloroethane	75-00-3	5.0	25	2.5	152	U	0.15
Trichlorofluoromethane	75-69-4	2.0	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	152	U	0.15
Acetone	67-64-1	10.0	50	5.0	304	U	0.30
1,1-Dichloroethene	75-35-4	2.0	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	61	U	0.06
Methylene Chloride	**75-09-2**	**2.0**	**12**	**1.2**	**71**	**B**	**0.07**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	61	U	0.06
Chloroform	67-66-3	2.0	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	61	U	0.06
2-Butanone	**78-93-3**	**10.0**	**122**	**12.2**	**743**		**0.74**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	61	U	0.06
Benzene	71-43-2	2.0	10	1.0	61	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	304	U	0.30
2-Hexanone	591-78-6	10.0	50	5.0	304	U	0.30
Tetrachloroethene	127-18-4	2.0	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	61	U	0.06
Bromoform	75-25-2	2.0	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	61	U	0.06
Toluene	108-88-3	2.0	10	1.0	61	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	61	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	61	U	0.06
Styrene	100-42-5	2.0	10	1.0	61	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	122	U	0.12
o-Xylene	95-47-6	2.0	10	1.0	61	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	61	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	61	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	152	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	61	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	61	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	116	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

C

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/10/01
Lab Sample ID:	URS110901-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-92	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	84
Laboratory Data File:	01111006	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	148	U	0.15
Chloromethane	74-87-3	5.0	25	2.5	148	U	0.15
Vinyl Chloride	75-01-4	2.0	10	1.0	59	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	148	U	0.15
Chloroethane	75-00-3	5.0	25	2.5	148	U	0.15
Trichlorofluoromethane	75-69-4	2.0	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	148	U	0.15
Acetone	67-64-1	10.0	50	5.0	296	U	0.30
1,1-Dichloroethene	75-35-4	2.0	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	59	U	0.06
Methylene Chloride	75-09-2	2.0	12	1.2	73	B	0.07
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	59	U	0.06
Chloroform	67-66-3	2.0	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	59	U	0.06
2-Butanone	78-93-3	10.0	131	13.1	777		0.78
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	59	U	0.06
Benzene	71-43-2	2.0	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	296	U	0.30
2-Hexanone	591-78-6	10.0	50	5.0	296	U	0.30
Tetrachloroethene	127-18-4	2.0	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	59	U	0.06
Bromoform	75-25-2	2.0	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	59	U	0.06
Toluene	108-88-3	2.0	10	1.0	59	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	59	U	0.06
Styrene	100-42-5	2.0	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	118	U	0.12
o-Xylene	95-47-6	2.0	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	59	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	59	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	148	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	59	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	117	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-62	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
ECD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	80
Laboratory Data File:	01110917	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	156	U	0.16
Chloromethane	74-87-3	5.0	25	2.5	156	U	0.16
Vinyl Chloride	75-01-4	2.0	10	1.0	62	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	156	U	0.16
Chloroethane	75-00-3	5.0	25	2.5	156	U	0.16
Trichlorofluoromethane	75-69-4	2.0	10	1.0	62	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	156	U	0.16
Acetone	67-64-1	10.0	50	5.0	312	U	0.31
1,1-Dichloroethene	75-35-4	2.0	10	1.0	62	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	62	U	0.06
Methylene Chloride	75-09-2	2.0	158	15.8	983		0.98
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	62	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	62	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	62	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	62	U	0.06
Chloroform	67-66-3	2.0	10	1.0	62	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	62	U	0.06
2-Butanone	78-93-3	10.0	110	11.0	684		0.68
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	62	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	62	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	62	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	62	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	62	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	62	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	62	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	62	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	62	U	0.06
Benzene	71-43-2	2.0	10	1.0	62	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	62	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	62	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	62	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	62	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	62	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	312	U	0.31
2-Hexanone	591-78-6	10.0	50	5.0	312	U	0.31
Tetrachloroethene	127-18-4	2.0	10	1.0	62	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	62	U	0.06
Bromoform	75-25-2	2.0	10	1.0	62	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	62	U	0.06
Toluene	108-88-3	2.0	10	1.0	62	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	62	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	62	U	0.06
Styrene	100-42-5	2.0	10	1.0	62	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	125	U	0.12
o-Xylene	95-47-6	2.0	10	1.0	62	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	62	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	62	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	62	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	62	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	62	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	62	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	62	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	62	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	62	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	62	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	62	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	62	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	62	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	62	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	62	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	156	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	62	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	62	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	62	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	62	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-85	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	89
Laboratory Data File	01110918	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	141	U	0.14
Chloromethane	74-87-3	5.0	25	2.5	141	U	0.14
Vinyl Chloride	75-01-4	2.0	10	1.0	56	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	141	U	0.14
Chloroethane	75-00-3	5.0	25	2.5	141	U	0.14
Trichlorofluoromethane	75-69-4	2.0	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	141	U	0.14
Acetone	67-64-1	10.0	50	5.0	281	U	0.28
1,1-Dichloroethene	75-35-4	2.0	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2.0	170	17.0	954	B	0.95
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	56	U	0.06
Chloroform	67-66-3	2.0	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
2-Butanone	78-93-3	10.0	112	11.2	632		0.63
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	56	U	0.06
2-ChloroethylVinyl ether		2.0	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	56	U	0.06
Benzene	71-43-2	2.0	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	281	U	0.28
2-Hexanone	591-78-6	10.0	50	5.0	281	U	0.28
Tetrachloroethene	127-18-4	2.0	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	56	U	0.06
Bromoform	75-25-2	2.0	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	56	U	0.06
Toluene	108-88-3	2.0	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	56	U	0.06
Styrene	100-42-5	2.0	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	113	U	0.11
o-Xylene	95-47-6	2.0	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	22	2.2	124		0.12
n-Butyl benzene	104-51-8	2.0	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	141	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	56	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	22	2.2	125		0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-05	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-91	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received.	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	86
Laboratory Data File:	01110919	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	146	U	0 15
Chloromethane	74-87-3	5.0	25	2.5	146	U	0 15
Vinyl Chloride	75-01-4	2.0	10	1.0	58	U	0 06
Bromomethane	74-83-9	5.0	25	2.5	146	U	0.15
Chloroethane	75-00-3	5.0	25	2.5	146	U	0.15
Trichlorofluoromethane	75-69-4	2.0	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	146	U	0.15
Acetone	67-64-1	10.0	50	5.0	292	U	0.29
1,1-Dichloroethene	75-35-4	2.0	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	**2.0**	**193**	**19.3**	**1126**	**B**	**1.13**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	58	U	0.06
Chloroform	67-66-3	2.0	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	**10.0**	**106**	**10.6**	**617**	**B**	**0.62**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	58	U	0.06
Benzene	71-43-2	2.0	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	292	U	0.29
2-Hexanone	591-78-6	10.0	50	5.0	292	U	0.29
Tetrachloroethene	127-18-4	2.0	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	58	U	0.06
Bromoform	75-25-2	2.0	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	58	U	0.06
Toluene	108-88-3	2.0	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	58	U	0.06
Styrene	100-42-5	2.0	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	117	U	0.12
o-Xylene	95-47-6	2.0	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	146	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	58	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	115	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-86	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number	110901	Percent Solids:	76
Laboratory Data File:	01110920	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	164	U	0.16
Chloromethane	74-87-3	5.0	25	2.5	164	U	0.16
Vinyl Chloride	75-01-4	2.0	10	1.0	65	U	0.07
Bromomethane	74-83-9	5.0	25	2.5	164	U	0.16
Chloroethane	75-00-3	5.0	25	2.5	164	U	0.16
Trichlorofluoromethane	75-69-4	2.0	10	1.0	65	U	0.07
Carbon Disulfide	75-15-0	5.0	25	2.5	164	U	0.16
Acetone	67-64-1	10.0	50	5.0	327	U	0.33
1,1-Dichloroethene	75-35-4	2.0	10	1.0	65	U	0.07
1,1-Dichloroethane	107-06-2	2.0	10	1.0	65	U	0.07
Methylene Chloride	**75-09-2**	**2.0**	**183**	**18.3**	**1197**	**B**	**1.20**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	65	U	0.07
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	65	U	0.07
2,2-Dichloropropane	590-20-7	2.0	10	1.0	65	U	0.07
Bromochloromethane	74-97-5	2.0	10	1.0	65	U	0.07
Chloroform	67-66-3	2.0	10	1.0	65	U	0.07
1,2-Dichloroethane	107-06-2	2.0	10	1.0	65	U	0.07
2-Butanone	**78-93-3**	**10.0**	**111**	**11.1**	**727**	**B**	**0.73**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	65	U	0.07
2-Chloroethylvinyl ether		2.0	10	1.0	65	U	0.07
Carbon tetrachloride	56-15-0	2.0	10	1.0	65	U	0.07
1,1-Dichloropropene	563-58-6	2.0	10	1.0	65	U	0.07
1,2-Dichloropropane	78-87-5	2.0	10	1.0	65	U	0.07
Bromodichloromethane	75-27-4	2.0	10	1.0	65	U	0.07
Dibromomethane	75-95-3	2.0	10	1.0	65	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	65	U	0.07
Trichloroethene	79-01-6	2.0	10	1.0	65	U	0.07
Benzene	71-43-2	2.0	10	1.0	65	U	0.07
1,3-Dichloropropane	142-28-9	2.0	10	1.0	65	U	0.07
Dibromochloromethane	124-48-1	2.0	10	1.0	65	U	0.07
1,2-Dibromoethane	106-93-4	2.0	10	1.0	65	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	65	U	0.07
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	65	U	0.07
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	327	U	0.33
2-Hexanone	591-78-6	10.0	50	5.0	327	U	0.33
Tetrachloroethene	127-18-4	2.0	10	1.0	65	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	65	U	0.07
Bromoform	75-25-2	2.0	10	1.0	65	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	65	U	0.07
Toluene	108-88-3	2.0	10	1.0	65	U	0.07
Chlorobenzene	108-90-7	2.0	10	1.0	65	U	0.07
Ethyl benzene	100-41-4	2.0	10	1.0	65	U	0.07
Styrene	100-42-5	2.0	10	1.0	65	U	0.07
m&p Xylene	1330-20-7	4.0	20	2.0	131	U	0.13
o-Xylene	95-47-6	2.0	10	1.0	65	U	0.07
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	65	U	0.07
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	65	U	0.07
n-Butyl benzene	104-51-8	2.0	10	1.0	65	U	0.07
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	65	U	0.07
Isopropyl benzene	98-82-8	2.0	10	1.0	65	U	0.07
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	65	U	0.07
Bromobenzene	108-86-1	2.0	10	1.0	65	U	0.07
n-Propylbenzene	103-65-1	2.0	10	1.0	65	U	0.07
2-Chlorotoluene	95-49-8	2.0	10	1.0	65	U	0.07
4-Chlorotoluene	106-43-4	2.0	10	1.0	65	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	65	U	0.07
tert-Butylbenzene	98-06-6	2.0	10	1.0	65	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	65	U	0.07
sec-Butylbenzene	135-98-8	2.0	10	1.0	65	U	0.07
p-Isopropyltoluene	99-82-8	2.0	10	1.0	65	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	164	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	65	U	0.07
Hexachlorobutadiene	87-68-3	2.0	10	1.0	65	U	0.07
Naphthalene	91-20-3	2.0	10	1.0	65	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	65	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-50	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	93
Laboratory Data File:	01110921	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	135	U	0.13
Chloromethane	74-87-3	5.0	25	2.5	135	U	0.13
Vinyl Chloride	75-01-4	2.0	10	1.0	54	U	0.05
Bromomethane	74-83-9	5.0	25	2.5	135	U	0.13
Chloroethane	75-00-3	5.0	25	2.5	135	U	0.13
Trichlorofluoromethane	75-69-4	2.0	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5.0	25	2.5	135	U	0.13
Acetone	67-64-1	10.0	50	5.0	269	U	0.27
1,1-Dichloroethene	75-35-4	2.0	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2.0	10	1.0	54	U	0.05
Methylene Chloride	**75-09-2**	**2.0**	**202**	**20.2**	**1090**	**B**	**1.09**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2.0	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2.0	10	1.0	54	U	0.05
Chloroform	67-66-3	2.0	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2.0	10	1.0	54	U	0.05
2-Butanone	**78-93-3**	**10.0**	**116**	**11.6**	**624**	**B**	**0.62**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	54	U	0.05
2-ChloroethylVinyl ether		2.0	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2.0	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2.0	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2.0	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2.0	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2.0	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	54	U	0.05
Trichloroethene	79-01-6	2.0	10	1.0	54	U	0.05
Benzene	71-43-2	2.0	10	1.0	54	U	0.05
1,3-Dichloropropane	142-28-9	2.0	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2.0	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2.0	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	269	U	0.27
2-Hexanone	591-78-6	10.0	50	5.0	269	U	0.27
Tetrachloroethene	**127-18-4**	**2.0**	**54**	**5.4**	**289**		**0.29**
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	54	U	0.05
Bromoform	75-25-2	2.0	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	54	U	0.05
Toluene	**108-88-3**	**2.0**	**39**	**3.9**	**209**		**0.21**
Chlorobenzene	108-90-7	2.0	10	1.0	54	U	0.05
Ethyl benzene	**100-41-4**	**2.0**	**54**	**5.4**	**289**		**0.29**
Styrene	100-42-5	2.0	10	1.0	54	U	0.05
m&p Xylene	**1330-20-7**	**4.0**	**206**	**20.6**	**1109**		**1.11**
o-Xylene	**95-47-6**	**2.0**	**62**	**6.2**	**336**		**0.34**
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	54	U	0.05
1,4-Dichlorobenzene	**106-46-7**	**2.0**	**162**	**16.2**	**869**		**0.87**
n-Butyl benzene	104-51-8	2.0	10	1.0	54	U	0.05
1,2-Dichlorobenzene	**95-50-1**	**2.0**	**45**	**4.5**	**243**		**0.24**
Isopropyl benzene	98-82-8	2.0	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2.0	10	1.0	54	U	0.05
n-Propylbenzene	103-65-1	2.0	10	1.0	54	U	0.05
2-Chlorotoluene	95-49-8	2.0	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2.0	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2.0	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	**120-82-1**	**2.0**	**44**	**4.4**	**239**		**0.24**
sec-Butylbenzene	135-98-8	2.0	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2.0	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	135	U	0.13
1,2,4-Trichlorobenzene	**120-82-1**	**2.0**	**27**	**2.7**	**145**		**0.15**
Hexachlorobutadiene	87-68-3	2.0	10	1.0	54	U	0.05
Naphthalene	**91-20-3**	**2.0**	**38**	**3.8**	**207**		**0.21**
1,2,3-Trichlorobenzene	**87-61-6**	**2.0**	**92**	**9.2**	**493**		**0.49**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	97	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-98	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	86
Laboratory Data File:	0111092	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	146	U	0.15
Chloromethane	74-87-3	5.0	25	2.5	146	U	0.15
Vinyl Chloride	75-01-4	2.0	10	1.0	58	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	146	U	0.15
Chloroethane	75-00-3	5.0	25	2.5	146	U	0.15
Trichlorofluoromethane	75-69-4	2.0	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	146	U	0.15
Acetone	67-64-1	10.0	50	5.0	291	U	0.29
1,1-Dichloroethene	75-35-4	2.0	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	**2.0**	**177**	**17.7**	**1028**		**1.03**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	58	U	0.06
Chloroform	67-66-3	2.0	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	**10.0**	**100**	**10.0**	**585**		**0.58**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	58	U	0.06
Benzene	71-43-2	2.0	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	291	U	0.29
2-Hexanone	591-78-6	10.0	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2.0	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	58	U	0.06
Bromoform	75-25-2	2.0	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	58	U	0.06
Toluene	108-88-3	2.0	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	58	U	0.06
Styrene	100-42-5	2.0	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	116	U	0.12
o-Xylene	95-47-6	2.0	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	146	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	58	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	115	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/10/01
Lab Sample ID:	URS110901-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-79	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	89.1
Laboratory Data File:	01111005	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	140	U	0.14
Chloromethane	74-87-3	5.0	25	2.5	140	U	0.14
Vinyl Chloride	75-01-4	2.0	10	1.0	56	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	140	U	0.14
Chloroethane	75-00-3	5.0	25	2.5	140	U	0.14
Trichlorofluoromethane	75-69-4	2.0	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5.0	25	2.5	140	U	0.14
Acetone	67-64-1	10.0	50	5.0	280	U	0.28
1,1-Dichloroethene	75-35-4	2.0	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2.0	**14**	1.4	**77**	**B**	**0.08**
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	56	U	0.06
Chloroform	67-66-3	2.0	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
2-Butanone	78-93-3	10.0	**147**	14.7	**824**		**0.82**
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	56	U	0.06
Benzene	71-43-2	2.0	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	280	U	0.28
2-Hexanone	591-78-6	10.0	50	5.0	280	U	0.28
Tetrachloroethene	127-18-4	2.0	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	56	U	0.06
Bromoform	75-25-2	2.0	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	56	U	0.06
Toluene	108-88-3	2.0	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	56	U	0.06
Styrene	100-42-5	2.0	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4.0	20	2.0	112	U	0.11
o-Xylene	95-47-6	2.0	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	10	1.0	56	U	0.06
n-Butyl benzene	104-51-8	2.0	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	56	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	118	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110901	Lab Prep Date:	11/10/01
Lab Sample ID:	URS110901-10	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-80	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	89
Laboratory Data File:	01111006	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result(ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5.0	25	2.5	140	U	0.14
Chloromethane	74-87-3	5.0	25	2.5	140	U	0.14
Vinyl Chloride	75-01-4	2.0	10	1.0	56	U	0.06
Bromomethane	74-83-9	5.0	25	2.5	140	U	0.14
Chloroethane	75-00-3	5.0	25	2.5	140	U	0.14
Trichlorofluoromethane	75-69-4	2.0	15	1.5	82		0.08
Carbon Disulfide	75-15-0	5.0	25	2.5	140	U	0.14
Acetone	67-64-1	10.0	50	5.0	280	U	0.28
1,1-Dichloroethene	75-35-4	2.0	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
Methylene Chloride	75-09-2	2.0	27	2.7	153	B	0.15
trans-1,2-Dichloroethene	156-60-5	2.0	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2.0	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2.0	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2.0	10	1.0	56	U	0.06
Chloroform	67-66-3	2.0	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2.0	10	1.0	56	U	0.06
2-Butanone	78-93-3	10.0	136	13.6	763		0.76
1,1,1-Trichloroethane	71-55-6	2.0	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2.0	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2.0	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2.0	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2.0	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2.0	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2.0	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2.0	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2.0	10	1.0	56	U	0.06
Benzene	71-43-2	2.0	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2.0	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2.0	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2.0	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2.0	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2.0	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10.0	50	5.0	280	U	0.28
2-Hexanone	591-78-6	10.0	50	5.0	280	U	0.28
Tetrachloroethene	127-18-4	2.0	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2.0	10	1.0	56	U	0.06
Bromoform	75-25-2	2.0	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2.0	10	1.0	56	U	0.06
Toluene	108-88-3	2.0	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2.0	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2.0	10	1.0	56	U	0.06
Styrene	100-42-5	2.0	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4.0	10	1.0	56	U	0.06
o-Xylene	95-47-6	2.0	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2.0	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2.0	21	2.1	116		0.12
n-Butyl benzene	104-51-8	2.0	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2.0	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2.0	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2.0	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2.0	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2.0	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2.0	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2.0	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2.0	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2.0	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2.0	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2.0	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2.0	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5.0	25	2.5	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2.0	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2.0	10	1.0	56	U	0.06
Naphthalene	91-20-3	2.0	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2.0	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	118	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORITORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-68	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110801	Percent Solids:	98
Laboratory File Name:	01110813	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	128	U	0.13
Chloromethane	74-87-3	5	25	2.5	128	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	51	U	0.05
Bromomethane	74-83-9	5	25	2.5	128	U	0.13
Chloroethane	75-00-3	5	25	2.5	128	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	51	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	128	U	0.13
Acetone	67-64-1	10	50	5.0	255	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	51	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	51	U	0.05
Methylene Chloride	75-09-2	2	10	1.0	51	U	0.05
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	51	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	51	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	51	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	51	U	0.05
Chloroform	67-66-3	2	10	1.0	51	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	51	U	0.05
2-Butanone	78-93-3	10	81	8.1	411		0.41
1,1,1-Trichloroethane	71-55-6	2	10	1.0	51	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	51	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	51	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	51	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	51	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	51	U	0.05
Dibromomethane	75-95-3	2	10	1.0	51	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	51	U	0.05
Trichloroethene	79-01-6	2	10	1.0	51	U	0.05
Benzene	71-43-2	2	10	1.0	51	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	51	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	51	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	51	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	51	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	51	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	255	U	0.26
2-Hexanone	591-78-6	10	50	5.0	255	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	51	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	51	U	0.05
Bromoform	75-25-2	2	10	1.0	51	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	51	U	0.05
Toluene	108-88-3	2	10	1.0	51	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	51	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	51	U	0.05
Styrene	100-42-5	2	10	1.0	51	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	102	U	0.10
o-Xylene	95-47-6	2	10	1.0	51	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	51	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	51	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	51	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	51	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	51	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	51	U	0.05
Bromobenzene	108-86-1	2	10	1.0	51	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	51	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	51	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	51	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	51	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	51	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	51	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	51	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	51	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	128	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	51	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	51	U	0.05
Naphthalene	91-20-3	2	10	1.0	51	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	51	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-67	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110801	Percent Solids:	88
Laboratory File Name:	01110814	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	143	U	0.14
Chloromethane	74-87-3	5	25	2.5	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	143	U	0.14
Chloroethane	75-00-3	5	25	2.5	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	143	U	0.14
Acetone	67-64-1	10	50	5.0	285	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	57	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	80	8.0	454		0.45
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	285	U	0.29
2-Hexanone	591-78-6	10	50	5.0	285	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS Q-73	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110801	Percent Solids:	91
Laboratory File Name:	01110815	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	138	U	0.14
Chloromethane	74-87-3	5	25	2.5	138	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.06
Bromomethane	74-83-9	5	25	2.5	138	U	0.14
Chloroethane	75-00-3	5	25	2.5	138	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	138	U	0.14
Acetone	67-64-1	10	50	5.0	276	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	55	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.06
Chloroform	67-66-3	2	10	1.0	55	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
2-Butanone	78-93-3	10	96	9.6	528	B	0.53
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.06
Dibromomethane	75-95-3	2	10	1.0	55	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.06
Trichloroethene	79-01-6	2	10	1.0	55	U	0.06
Benzene	71-43-2	2	10	1.0	55	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	276	U	0.28
2-Hexanone	591-78-6	10	50	5.0	276	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.06
Bromoform	75-25-2	2	10	1.0	55	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.06
Toluene	108-88-3	2	10	1.0	55	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.06
Styrene	100-42-5	2	10	1.0	55	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.06
Bromobenzene	108-86-1	2	10	1.0	55	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	138	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	21	2.1	114		0.11
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.06
Naphthalene	91-20-3	2	38	3.8	207		0.21
1,2,3-Trichlorobenzene	87-61-6	2	12	1.2	65		0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detecaon Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORITORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-04	Prep Method 1:	SW5035
Field Sample ID	GCMS Q-74	Prep Method 2:	
Date Sample Collected	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110801	Percent Solids:	51
Laboratory File Name:	01110816	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	243	U	0.24
Chloromethane	74-87-3	5	25	2.5	243	U	0.24
Vinyl Chloride	75-01-4	2	10	1.0	97	U	0.10
Bromomethane	74-83-9	5	25	2.5	243	U	0.24
Chloroethane	75-00-3	5	25	2.5	243	U	0.24
Trichlorofluoromethane	75-69-4	2	10	1.0	97	U	0.10
Carbon Disulfide	75-15-0	5	25	2.5	243	U	0.24
Acetone	67-64-1	10	50	5.0	486	U	0.49
1,1-Dichloroethene	75-35-4	2	10	1.0	97	U	0.10
1,1-Dichloroethane	107-06-2	2	10	1.0	97	U	0.10
Methylene Chloride	75-09-2	2	10	1.0	97	U	0.10
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	97	U	0.10
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	97	U	0.10
2,2-Dichloropropane	590-20-7	2	10	1.0	97	U	0.10
Bromochloromethane	74-97-5	2	10	1.0	97	U	0.10
Chloroform	67-66-3	2	10	1.0	97	U	0.10
1,2-Dichloroethane	107-06-2	2	10	1.0	97	U	0.10
2-Butanone	78-93-3	10	82	8.2	794		0.79
1,1,1-Trichloroethane	71-55-6	2	10	1.0	97	U	0.10
2-Chloroethylvinyl ether		2	10	1.0	97	U	0.10
Carbon tetrachloride	56-15-0	2	10	1.0	97	U	0.10
1,1-Dichloropropene	563-58-6	2	10	1.0	97	U	0.10
1,2-Dichloropropane	78-87-5	2	10	1.0	97	U	0.10
Bromodichloromethane	75-27-4	2	10	1.0	97	U	0.10
Dibromomethane	75-95-3	2	10	1.0	97	U	0.10
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	97	U	0.10
Trichloroethene	79-01-6	2	10	1.0	97	U	0.10
Benzene	71-43-2	2	10	1.0	97	U	0.10
1,3-Dichloropropane	142-28-9	2	10	1.0	97	U	0.10
Dibromochloromethane	124-48-1	2	10	1.0	97	U	0.10
1,2-Dibromoethane	106-93-4	2	10	1.0	97	U	0.10
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	97	U	0.10
1,1,2-Trichloroethane	79-00-5	2	10	1.0	97	U	0.10
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	486	U	0.49
2-Hexanone	591-78-6	10	50	5.0	486	U	0.49
Tetrachloroethene	127-18-4	2	10	1.0	97	U	0.10
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	97	U	0.10
Bromoform	75-25-2	2	10	1.0	97	U	0.10
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	97	U	0.10
Toluene	108-88-3	2	10	1.0	97	U	0.10
Chlorobenzene	108-90-7	2	10	1.0	97	U	0.10
Ethyl benzene	100-41-4	2	10	1.0	97	U	0.10
Styrene	100-42-5	2	10	1.0	97	U	0.10
m&p Xylene	1330-20-7	4	20	2.0	194	U	0.19
o-Xylene	95-47-6	2	10	1.0	97	U	0.10
1,3-Dichlorobenzene	541-73-1	2	10	1.0	97	U	0.10
1,4-Dichlorobenzene	106-46-7	2	10	1.0	97	U	0.10
n-Butyl benzene	104-51-8	2	10	1.0	97	U	0.10
1,2-Dichlorobenzene	95-50-1	2	10	1.0	97	U	0.10
Isopropyl benzene	98-82-8	2	10	1.0	97	U	0.10
1,2,3-Trichloropropane	96-18-4	2	10	1.0	97	U	0.10
Bromobenzene	108-86-1	2	10	1.0	97	U	0.10
n-Propylbenzene	103-65-1	2	10	1.0	97	U	0.10
2-Chlorotoluene	95-49-8	2	10	1.0	97	U	0.10
4-Chlorotoluene	106-43-4	2	10	1.0	97	U	0.10
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	97	U	0.10
tert-Butylbenzene	98-06-6	2	10	1.0	97	U	0.10
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	97	U	0.10
sec-Butylbenzene	135-98-8	2	10	1.0	97	U	0.10
p-Isopropyltoluene	99-82-8	2	10	1.0	97	U	0.10
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	243	U	0.24
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	97	U	0.10
Hexachlorobutadiene	87-68-3	2	10	1.0	97	U	0.10
Naphthalene	91-20-3	2	10	1.0	97	U	0.10
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	97	U	0.10

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	101	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	98	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-37	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	V110801	Percent Solids:	97
Laboratory File Name:	01110817	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	129	U	0.13
Chloromethane	74-87-3	5	25	2.5	129	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	52	U	0.05
Bromomethane	74-83-9	5	25	2.5	129	U	0.13
Chloroethane	75-00-3	5	25	2.5	129	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	52	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	129	U	0.13
Acetone	67-64-1	10	50	5.0	258	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	52	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
Methylene Chloride	75-09-2	2	10	1.0	52	U	0.05
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	52	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	52	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	52	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	52	U	0.05
Chloroform	67-66-3	2	10	1.0	52	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
2-Butanone	78-93-3	10	104	10.4	536		0.54
1,1,1-Trichloroethane	71-55-6	2	10	1.0	52	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	52	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	52	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	52	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	52	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	52	U	0.05
Dibromomethane	75-95-3	2	10	1.0	52	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	52	U	0.05
Trichloroethene	79-01-6	2	10	1.0	52	U	0.05
Benzene	71-43-2	2	10	1.0	52	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	52	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	52	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	52	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	52	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	52	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	258	U	0.26
2-Hexanone	591-78-6	10	50	5.0	258	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	52	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	52	U	0.05
Bromoform	75-25-2	2	10	1.0	52	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	52	U	0.05
Toluene	108-88-3	2	10	1.0	52	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	52	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	52	U	0.05
Styrene	100-42-5	2	10	1.0	52	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	103	U	0.10
o-Xylene	95-47-6	2	10	1.0	52	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	52	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	52	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	52	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	52	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	52	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	52	U	0.05
Bromobenzene	108-86-1	2	10	1.0	52	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	52	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	52	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	52	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	52	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	52	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	52	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	52	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	52	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	129	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	52	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	52	U	0.05
Naphthalene	91-20-3	2	10	1.0	52	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	52	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-38	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	86
Laboratory File Name:	01110818	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.14
Chloromethane	74-87-3	5	25	2.5	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.14
Chloroethane	75-00-3	5	25	2.5	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.14
Acetone	67-64-1	10	50	5.0	290	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	58	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	91	9.1	528		0.53
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-ChloroethylVinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	290	U	0.29
2-Hexanone	591-78-6	10	50	5.0	290	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	57	5.7	330		0.33
Chlorobenzene	108-90-7	2	104	10.4	601		0.60
Ethyl benzene	100-41-4	2	593	59.3	3437		3.4
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	1249	124.9	7234	E	7.2
o-Xylene	95-47-6	2	382	38.2	2214		2.2
1,3-Dichlorobenzene	541-73-1	2	61	6.1	355		0.36
1,4-Dichlorobenzene	106-46-7	2	4812	481.2	27881	E	28
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	2806	280.6	16260	E	16
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	27	2.7	154		0.15
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	973	97.3	5634		5.6
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	182	18.2	1056		1.1
1,2,3-Trichlorobenzene	87-61-6	2	5636	563.6	32656	E	33

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-06DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-38	Prep Method 2:	
Date Sample Collected	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5000
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	86
Laboratory File Name:	01110907	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	14484	U	14.5
Chloromethane	74-87-3	5	25	2.5	14484	U	14.5
Vinyl Chloride	75-01-4	2	10	1.0	5794	U	5.8
Bromomethane	74-83-9	5	25	2.5	14484	U	14.5
Chloroethane	75-00-3	5	25	2.5	14484	U	14.5
Trichlorofluoromethane	75-69-4	2	10	1.0	5794	U	5.8
Carbon Disulfide	75-15-0	5	25	2.5	14484	U	14.5
Acetone	67-64-1	10	50	5.0	28969	U	29.0
1,1-Dichloroethene	75-35-4	2	10	1.0	5794	U	5.8
1,1-Dichloroethane	107-06-2	2	10	1.0	5794	U	5.8
Methylene Chloride	75-09-2	2	11	1.1	6240	B	6.2
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	5794	U	5.8
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	5794	U	5.8
2,2-Dichloropropane	590-20-7	2	10	1.0	5794	U	5.8
Bromochloromethane	74-97-5	2	10	1.0	5794	U	5.8
Chloroform	67-66-3	2	10	1.0	5794	U	5.8
1,2-Dichloroethane	107-06-2	2	10	1.0	5794	U	5.8
2-Butanone	78-93-3	10	50	5.0	28969	U	29.0
1,1,1-Trichloroethane	71-55-6	2	10	1.0	5794	U	5.8
2-Chloroethylvinyl ether		2	10	1.0	5794	U	5.8
Carbon tetrachloride	56-15-0	2	10	1.0	5794	U	5.8
1,1-Dichloropropene	563-58-6	2	10	1.0	5794	U	5.8
1,2-Dichloropropane	78-87-5	2	10	1.0	5794	U	5.8
Bromodichloromethane	75-27-4	2	10	1.0	5794	U	5.8
Dibromomethane	75-95-3	2	10	1.0	5794	U	5.8
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	5794	U	5.8
Trichloroethene	79-01-6	2	10	1.0	5794	U	5.8
Benzene	71-43-2	2	10	1.0	5794	U	5.8
1,3-Dichloropropane	142-28-9	2	10	1.0	5794	U	5.8
Dibromochloromethane	124-48-1	2	10	1.0	5794	U	5.8
1,2-Dibromoethane	106-93-4	2	10	1.0	5794	U	5.8
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	5794	U	5.8
1,1,2-Trichloroethane	79-00-5	2	10	1.0	5794	U	5.8
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	28969	U	29.0
2-Hexanone	591-78-6	10	50	5.0	28969	U	29.0
Tetrachloroethene	127-18-4	2	10	1.0	5794	U	5.8
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	5794	U	5.8
Bromoform	75-25-2	2	10	1.0	5794	U	5.8
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	5794	U	5.8
Toluene	108-88-3	2	10	1.0	5794	U	5.8
Chlorobenzene	108-90-7	2	10	1.0	5794	U	5.8
Ethyl benzene	100-41-4	2	10	1.0	5794	U	5.8
Styrene	100-42-5	2	10	1.0	5794	U	5.8
m&p Xylene	1330-20-7	4	15	1.5	8951		9.0
o-Xylene	95-47-6	2	10	1.0	5794	U	5.8
1,3-Dichlorobenzene	541-73-1	2	10	1.0	5794	U	5.8
1,4-Dichlorobenzene	106-46-7	2	344	34.4	199247		199
n-Butyl benzene	104-51-8	2	10	1.0	5794	U	5.8
1,2-Dichlorobenzene	95-50-1	2	42	4.2	24177		24
Isopropyl benzene	98-82-8	2	10	1.0	5794	U	5.8
1,2,3-Trichloropropane	96-18-4	2	10	1.0	5794	U	5.8
Bromobenzene	108-86-1	2	10	1.0	5794	U	5.8
n-Propylbenzene	103-65-1	2	10	1.0	5794	U	5.8
2-Chlorotoluene	95-49-8	2	10	1.0	5794	U	5.8
4-Chlorotoluene	106-43-4	2	10	1.0	5794	U	5.8
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	5794	U	5.8
tert-Butylbenzene	98-06-6	2	10	1.0	5794	U	5.8
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	5794	U	5.8
sec-Butylbenzene	135-98-8	2	10	1.0	5794	U	5.8
p-Isopropyltoluene	99-82-8	2	10	1.0	5794	U	5.8
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	14484	U	14.5
1,2,4-Trichlorobenzene	120-82-1	2	19	1.9	10886		11
Hexachlorobutadiene	87-68-3	2	10	1.0	5794	U	5.8
Naphthalene	91-20-3	2	10	1.0	5794	U	5.8
1,2,3-Trichlorobenzene	87-61-6	2	92	9.2	53117		53

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	99	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	93	86-130	74-121	74-121

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* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-07	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-43	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date*		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	86
Laboratory File Name:	01110819	Laboratory Code:	STL-OST

Analyte Name.	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.14
Chloromethane	74-87-3	5	25	2.5	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.14
Chloroethane	75-00-3	5	25	2.5	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.14
Acetone	67-64-1	10	50	5.0	290	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	58	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	78	7.8	451		0.45
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	290	U	0.29
2-Hexanone	591-78-6	10	50	5.0	290	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	16	1.6	93		0.09
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	13	1.3	74		0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-42	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	87
Laboratory File Name:	01110821	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	144	U	0.14
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	50	5.0	289	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	58	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	90	9.0	519		0.52
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	289	U	0.29
2-Hexanone	591-78-6	10	50	5.0	289	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	21	2.1	122		0.12
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-27	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	64
Laboratory File Name:	01110825	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	195	U	0.19
Chloromethane	74-87-3	5	25	2.5	195	U	0.19
Vinyl Chloride	75-01-4	2	10	1.0	78	U	0.08
Bromomethane	74-83-9	5	25	2.5	195	U	0.19
Chloroethane	75-00-3	5	25	2.5	195	U	0.19
Trichlorofluoromethane	75-69-4	2	10	1.0	78	U	0.08
Carbon Disulfide	75-15-0	5	25	2.5	195	U	0.19
Acetone	67-64-1	10	50	5.0	390	U	0.39
1,1-Dichloroethene	75-35-4	2	10	1.0	78	U	0.08
1,1-Dichloroethane	107-06-2	2	10	1.0	78	U	0.08
Methylene Chloride	75-09-2	2	10	1.0	78	U	0.08
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	78	U	0.08
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	78	U	0.08
2,2-Dichloropropane	590-20-7	2	10	1.0	78	U	0.08
Bromochloromethane	74-97-5	2	10	1.0	78	U	0.08
Chloroform	67-66-3	2	10	1.0	78	U	0.08
1,2-Dichloroethane	107-06-2	2	10	1.0	78	U	0.08
2-Butanone	78-93-3	10	58	5.8	453		0.45
1,1,1-Trichloroethane	71-55-6	2	10	1.0	78	U	0.08
2-Chloroethylvinyl ether		2	10	1.0	78	U	0.08
Carbon tetrachloride	56-15-0	2	10	1.0	78	U	0.08
1,1-Dichloropropene	563-58-6	2	10	1.0	78	U	0.08
1,2-Dichloropropane	78-87-5	2	10	1.0	78	U	0.08
Bromodichloromethane	75-27-4	2	10	1.0	78	U	0.08
Dibromomethane	75-95-3	2	10	1.0	78	U	0.08
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	78	U	0.08
Trichloroethene	79-01-6	2	10	1.0	78	U	0.08
Benzene	71-43-2	2	10	1.0	78	U	0.08
1,3-Dichloropropane	142-28-9	2	10	1.0	78	U	0.08
Dibromochloromethane	124-48-1	2	10	1.0	78	U	0.08
1,2-Dibromoethane	106-93-4	2	10	1.0	78	U	0.08
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	78	U	0.08
1,1,2-Trichloroethane	79-00-5	2	10	1.0	78	U	0.08
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	390	U	0.39
2-Hexanone	591-78-6	10	50	5.0	390	U	0.39
Tetrachloroethene	127-18-4	2	10	1.0	78	U	0.08
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	78	U	0.08
Bromoform	75-25-2	2	10	1.0	78	U	0.08
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	78	U	0.08
Toluene	108-88-3	2	10	1.0	78	U	0.08
Chlorobenzene	108-90-7	2	10	1.0	78	U	0.08
Ethyl benzene	100-41-4	2	10	1.0	78	U	0.08
Styrene	100-42-5	2	10	1.0	78	U	0.08
m&p Xylene	1330-20-7	4	20	2.0	156	U	0.16
o-Xylene	95-47-6	2	10	1.0	78	U	0.08
1,3-Dichlorobenzene	541-73-1	2	10	1.0	78	U	0.08
1,4-Dichlorobenzene	106-46-7	2	17	1.7	131		0.13
n-Butyl benzene	104-51-8	2	10	1.0	78	U	0.08
1,2-Dichlorobenzene	95-50-1	2	10	1.0	78	U	0.08
Isopropyl benzene	98-82-8	2	10	1.0	78	U	0.08
1,2,3-Trichloropropane	96-18-4	2	10	1.0	78	U	0.08
Bromobenzene	108-86-1	2	10	1.0	78	U	0.08
n-Propylbenzene	103-65-1	2	10	1.0	78	U	0.08
2-Chlorotoluene	95-49-8	2	10	1.0	78	U	0.08
4-Chlorotoluene	106-43-4	2	10	1.0	78	U	0.08
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	78	U	0.08
tert-Butylbenzene	98-06-6	2	10	1.0	78	U	0.08
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	78	U	0.08
sec-Butylbenzene	135-98-8	2	10	1.0	78	U	0.08
p-Isopropyltoluene	99-82-8	2	10	1.0	78	U	0.08
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	195	U	0.19
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	78	U	0.08
Hexachlorobutadiene	87-68-3	2	10	1.0	78	U	0.08
Naphthalene	91-20-3	2	17	1.7	129		0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	78	U	0.08

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID	URS110801-10	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-33	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number.	110801	Percent Solids:	80
Laboratory File Name:	01110826	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	157	U	0.16
Chloromethane	74-87-3	5	25	2.5	157	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	25	2.5	157	U	0.16
Chloroethane	75-00-3	5	25	2.5	157	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	157	U	0.16
Acetone	67-64-1	10	50	5.0	314	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	63	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	78-93-3	10	64	6.4	399		0.40
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	314	U	0.31
2-Hexanone	591-78-6	10	50	5.0	314	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	108-88-3	2	10	1.0	63	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	126	U	0.13
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	12	1.2	72		0.07
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	157	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID.	URS110801-11	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-34	Prep Method 2:	
Date Sample Collected	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110801	Percent Solids:	88
Laboratory File Name:	01110827	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	143	U	0.14
Chloromethane	74-87-3	5	25	2.5	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	143	U	0.14
Chloroethane	75-00-3	5	25	2.5	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	143	U	0.14
Acetone	67-64-1	10	50	5.0	285	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	10	1.0	57	U	0.06
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2 2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	50	5.0	285	U	0.29
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	285	U	0.29
2-Hexanone	591-78-6	10	50	5.0	285	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract.		Sample Amount:	10
Lab Delivery Group.	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID.	URS110801-12	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-41	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type.	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	78
Laboratory File Name:	01110908	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	159	U	0.16
Chloromethane	74-87-3	5	25	2.5	159	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	64	U	0.06
Bromomethane	74-83-9	5	25	2.5	159	U	0.16
Chloroethane	75-00-3	5	25	2.5	159	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	64	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	159	U	0.16
Acetone	67-64-1	10	50	5.0	319	U	0.32
1,1-Dichloroethene	75-35-4	2	10	1.0	64	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
Methylene Chloride	75-09-2	2	83	8.3	528	B	0.53
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	64	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	64	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	64	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	64	U	0.06
Chloroform	67-66-3	2	10	1.0	64	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
2-Butanone	78-93-3	10	111	11.1	707		0.71
1,1,1-Trichloroethane	71-55-6	2	10	1.0	64	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	64	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	64	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	64	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	64	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	64	U	0.06
Dibromomethane	75-95-3	2	10	1.0	64	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	64	U	0.06
Trichloroethene	79-01-6	2	10	1.0	64	U	0.06
Benzene	71-43-2	2	10	1.0	64	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	64	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	64	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	64	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	64	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	64	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	319	U	0.32
2-Hexanone	591-78-6	10	50	5.0	319	U	0.32
Tetrachloroethene	127-18-4	2	10	1.0	64	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	64	U	0.06
Bromoform	75-25-2	2	10	1.0	64	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	64	U	0.06
Toluene	108-88-3	2	10	1.0	64	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	64	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	64	U	0.06
Styrene	100-42-5	2	10	1.0	64	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	128	U	0.13
o-Xylene	95-47-6	2	10	1.0	64	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	64	U	0.06
1,4-Dichlorobenzene	106-46-7	2	35	3.5	224		0.22
n-Butyl benzene	104-51-8	2	10	1.0	64	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	64	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	64	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	64	U	0.06
Bromobenzene	108-86-1	2	10	1.0	64	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	64	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	64	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	64	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	64	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	64	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	64	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	64	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	64	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	159	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	64	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	64	U	0.06
Naphthalene	91-20-3	2	10	1.0	64	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	64	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-13	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-28	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	88
Laboratory File Name:	01110909	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chlonde	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	285	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	75-09-2	2	90	9.0	512	B	0.51
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	78-93-3	10	109	10.9	620		0.62
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	285	U	0.28
2-Hexanone	591-78-6	10	50	5.0	285	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	66-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-14	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-35	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	88
Laboratory File Name:	*01110910*	*Laboratory Code:*	*STL-OST*

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	284	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**92**	**9.2**	**520**	**B**	**0.52**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**115**	**11.5**	**653**		**0.65**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	113	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-39	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	71
Laboratory File Name.	01110911	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	177	U	0.18
Chloromethane	74-87-3	5	25	2.5	177	U	0.18
Vinyl Chloride	75-01-4	2	10	1.0	71	U	0.07
Bromomethane	74-83-9	5	25	2.5	177	U	0.18
Chloroethane	75-00-3	5	25	2.5	177	U	0.18
Trichlorofluoromethane	75-69-4	2	10	1.0	71	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	177	U	0.18
Acetone	67-64-1	10	50	5.0	353	U	0.35
1,1-Dichloroethene	75-35-4	2	10	1.0	71	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	71	U	0.07
Methylene Chloride	**75-09-2**	2	**98**	**9.8**	**695**	**B**	**0.69**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	71	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	71	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	71	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	71	U	0.07
Chloroform	67-66-3	2	10	1.0	71	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	71	U	0.07
2-Butanone	**78-93-3**	10	**107**	**10.7**	**758**		**0.76**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	71	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	71	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	71	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	71	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	71	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	71	U	0.07
Dibromomethane	75-95-3	2	10	1.0	71	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	71	U	0.07
Trichloroethene	79-01-6	2	10	1.0	71	U	0.07
Benzene	71-43-2	2	10	1.0	71	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	71	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	71	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	71	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	71	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	71	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	353	U	0.35
2-Hexanone	591-78-6	10	50	5.0	353	U	0.35
Tetrachloroethene	127-18-4	2	10	1.0	71	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	71	U	0.07
Bromoform	75-25-2	2	10	1.0	71	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	71	U	0.07
Toluene	108-88-3	2	10	1.0	71	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	71	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	71	U	0.07
Styrene	100-42-5	2	10	1.0	71	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	141	U	0.14
o-Xylene	95-47-6	2	10	1.0	71	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	71	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	71	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	71	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	71	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	71	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	71	U	0.07
Bromobenzene	108-86-1	2	10	1.0	71	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	71	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	71	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	71	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	71	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	71	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	71	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	71	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	71	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	177	U	0.18
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	71	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	71	U	0.07
Naphthalene	91-20-3	2	10	1.0	71	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	71	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-16	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-36	*Prep Method 2:*	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	91
Laboratory File Name:	01110912	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	138	U	0.14
Chloromethane	74-87-3	5	25	2.5	138	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.06
Bromomethane	74-83-9	5	25	2.5	138	U	0.14
Chloroethane	75-00-3	5	25	2.5	138	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	138	U	0.14
Acetone	67-64-1	10	50	5.0	276	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
Methylene Chloride	75-09-2	2	113	11.3	622	B	0.62
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.06
Chloroform	67-66-3	2	10	1.0	55	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
2-Butanone	78-93-3	10	146	14.6	804		0.80
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.06
Dibromomethane	75-95-3	2	10	1.0	55	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.06
Trichloroethene	79-01-6	2	10	1.0	55	U	0.06
Benzene	71-43-2	2	10	1.0	55	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	276	U	0.28
2-Hexanone	591-78-6	10	50	5.0	276	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.06
Bromoform	75-25-2	2	10	1.0	55	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.06
Toluene	108-88-3	2	10	1.0	55	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.06
Styrene	100-42-5	2	10	1.0	55	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.06
Bromobenzene	108-86-1	2	10	1.0	55	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	138	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.06
Naphthalene	91-20-3	2	11	1.1	63		0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	115	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	59 *	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-17	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-30	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	86
Laboratory File Name:	01110913	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.14
Chloromethane	74-87-3	5	25	2.5	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.14
Chloroethane	75-00-3	5	25	2.5	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.14
Acetone	67-64-1	10	50	5.0	289	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	96	9.6	553	B	0.55
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	108	10.8	627		0.63
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	289	U	0.29
2-Hexanone	591-78-6	10	50	5.0	289	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	59		0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	95	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate res outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-18	Prep Method 1:	SW5035
Field Sample ID:	*GCMS-Q-26*	*Prep Method 2:*	
Date Sample Collected	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	84.0
Laboratory File Name:	01110914	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	149	U	0.15
Chloromethane	74-87-3	5	25	2.5	149	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.5	149	U	0.15
Chloroethane	75-00-3	5	25	2.5	149	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	149	U	0.15
Acetone	67-64-1	10	50	5.0	298	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	75-09-2	2	117	11.7	696	B	0.70
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	78-93-3	10	111	11.1	663		0.66
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	298	U	0.30
2-Hexanone	591-78-6	10	50	5.0	298	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	108-88-3	2	10	1.0	60	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	119	U	0.12
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	149	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	91-20-3	2	10	1.0	60	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	114	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-19	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-25	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	87
Laboratory File Name:	01111207.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	144	U	0.14
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	50	5.0	289	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	75-09-2	2	**30**	3.0	**173**	**B**	**0.17**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	78-93-3	10	**84**	8.4	**486**	**B**	**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	289	U	0.29
2-Hexanone	591-78-6	10	50	5.0	289	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	**33**	3.3	**193**	**B**	**0.19**
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-20	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-24	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	110901	Percent Solids:	65
Laboratory File Name:	01110916	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	193	U	0.19
Chloromethane	74-87-3	5	25	2.5	193	U	0.19
Vinyl Chloride	75-01-4	2	10	1.0	77	U	0.08
Bromomethane	74-83-9	5	25	2.5	193	U	0.19
Chloroethane	75-00-3	5	25	2.5	193	U	0.19
Trichlorofluoromethane	75-69-4	2	10	1.0	77	U	0.08
Carbon Disulfide	75-15-0	5	25	2.5	193	U	0.19
Acetone	67-64-1	10	50	5.0	386	U	0.39
1,1-Dichloroethene	75-35-4	2	10	1.0	77	U	0.08
1,1-Dichloroethane	107-06-2	2	10	1.0	77	U	0.08
Methylene Chloride	75-09-2	2	161	16.1	1245	B	1.25
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	77	U	0.08
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	77	U	0.08
2,2-Dichloropropane	590-20-7	2	10	1.0	77	U	0.08
Bromochloromethane	74-97-5	2	10	1.0	77	U	0.08
Chloroform	67-66-3	2	10	1.0	77	U	0.08
1,2-Dichloroethane	107-06-2	2	10	1.0	77	U	0.08
2-Butanone	78-93-3	10	84	8.4	651		0.65
1,1,1-Trichloroethane	71-55-6	2	10	1.0	77	U	0.08
2-Chloroethylvinyl ether		2	10	1.0	77	U	0.08
Carbon tetrachloride	56-15-0	2	10	1.0	77	U	0.08
1,1-Dichloropropene	563-58-6	2	10	1.0	77	U	0.08
1,2-Dichloropropane	78-87-5	2	10	1.0	77	U	0.08
Bromodichloromethane	75-27-4	2	10	1.0	77	U	0.08
Dibromomethane	75-95-3	2	10	1.0	77	U	0.08
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	77	U	0.08
Trichloroethene	79-01-6	2	10	1.0	77	U	0.08
Benzene	71-43-2	2	10	1.0	77	U	0.08
1,3-Dichloropropane	142-28-9	2	10	1.0	77	U	0.08
Dibromochloromethane	124-48-1	2	10	1.0	77	U	0.08
1,2-Dibromoethane	106-93-4	2	10	1.0	77	U	0.08
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	77	U	0.08
1,1,2-Trichloroethane	79-00-5	2	10	1.0	77	U	0.08
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	386	U	0.39
2-Hexanone	591-78-6	10	50	5.0	386	U	0.39
Tetrachloroethene	127-18-4	2	10	1.0	77	U	0.08
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	77	U	0.08
Bromoform	75-25-2	2	10	1.0	77	U	0.08
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	77	U	0.08
Toluene	108-88-3	2	10	1.0	77	U	0.08
Chlorobenzene	108-90-7	2	10	1.0	77	U	0.08
Ethyl benzene	100-41-4	2	10	1.0	77	U	0.08
Styrene	100-42-5	2	10	1.0	77	U	0.08
m&p Xylene	1330-20-7	4	20	2.0	155	U	0.15
o-Xylene	95-47-6	2	10	1.0	77	U	0.08
1,3-Dichlorobenzene	541-73-1	2	10	1.0	77	U	0.08
1,4-Dichlorobenzene	106-46-7	2	10	1.0	77	U	0.08
n-Butyl benzene	104-51-8	2	10	1.0	77	U	0.08
1,2-Dichlorobenzene	95-50-1	2	10	1.0	77	U	0.08
Isopropyl benzene	98-82-8	2	10	1.0	77	U	0.08
1,2,3-Trichloropropane	96-18-4	2	10	1.0	77	U	0.08
Bromobenzene	108-86-1	2	10	1.0	77	U	0.08
n-Propylbenzene	103-65-1	2	10	1.0	77	U	0.08
2-Chlorotoluene	95-49-8	2	10	1.0	77	U	0.08
4-Chlorotoluene	106-43-4	2	10	1.0	77	U	0.08
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	77	U	0.08
tert-Butylbenzene	98-06-6	2	10	1.0	77	U	0.08
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	77	U	0.08
sec-Butylbenzene	135-98-8	2	10	1.0	77	U	0.08
p-Isopropyltoluene	99-82-8	2	10	1.0	77	U	0.08
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	193	U	0.19
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	77	U	0.08
Hexachlorobutadiene	87-68-3	2	10	1.0	77	U	0.08
Naphthalene	91-20-3	2	10	1.0	77	U	0.08
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	77	U	0.08

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-45	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	75
Lab Data File Name:	01111013	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	168	U	0.17
Chloromethane	74-87-3	5	25	2.5	168	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	67	U	0.07
Bromomethane	74-83-9	5	104	10.4	697	U	0.70
Chloroethane	75-00-3	5	25	2.5	168	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	67	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	168	U	0.17
Acetone	67-64-1	10	**167**	16.7	**1119**	B	**1.12**
1,1-Dichloroethene	75-35-4	2	10	1.0	67	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	67	U	0.07
Methylene Chloride	75-09-2	2	**24**	2.4	**164**	B	**0.16**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	67	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	67	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	67	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	67	U	0.07
Chloroform	67-66-3	2	10	1.0	67	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	67	U	0.07
2-Butanone	78-93-3	10	**124**	12.4	**834**	B	**0.83**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	67	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	67	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	67	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	67	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	67	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	67	U	0.07
Dibromomethane	75-95-3	2	10	1.0	67	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	67	U	0.07
Trichloroethene	79-01-6	2	10	1.0	67	U	0.07
Benzene	71-43-2	2	10	1.0	67	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	67	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	67	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	67	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	67	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	67	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	335	U	0.34
2-Hexanone	591-78-6	10	50	5.0	335	U	0.34
Tetrachloroethene	127-18-4	2	10	1.0	67	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	67	U	0.07
Bromoform	75-25-2	2	10	1.0	67	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	67	U	0.07
Toluene	108-88-3	2	10	1.0	67	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	67	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	67	U	0.07
Styrene	100-42-5	2	10	1.0	67	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	134	U	0.13
o-Xylene	95-47-6	2	10	1.0	67	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	67	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	67	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	67	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	67	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	67	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	67	U	0.07
Bromobenzene	108-86-1	2	10	1.0	67	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	67	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	67	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	67	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	67	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	67	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	67	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	67	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	67	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	168	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	67	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	67	U	0.07
Naphthalene	91-20-3	2	10	1.0	67	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	67	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	118	86-120	80-120	71-106
Toluene-d8	2037-26-5	97	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-51	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	67
Lab Data File Name:	01111014	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	185	U	0.19
Chloromethane	74-87-3	5	25	2.5	185	U	0.19
Vinyl Chloride	75-01-4	2	10	1.0	74	U	0.07
Bromomethane	74-83-9	5	104	10.4	771	U	0.77
Chloroethane	75-00-3	5	25	2.5	185	U	0.19
Trichlorofluoromethane	75-69-4	2	10	1.0	74	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	185	U	0.19
Acetone	67-64-1	10	50	5.0	371	U	0.37
1,1-Dichloroethene	75-35-4	2	10	1.0	74	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	74	U	0.07
Methylene Chloride	75-09-2	2	**31**	3.1	**227**	**B**	**0.23**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	74	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	74	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	74	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	74	U	0.07
Chloroform	67-66-3	2	10	1.0	74	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	74	U	0.07
2-Butanone	78-93-3	10	**103**	10.3	**764**	**B**	**0.76**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	74	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	74	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	74	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	74	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	74	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	74	U	0.07
Dibromomethane	75-95-3	2	10	1.0	74	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	74	U	0.07
Trichloroethene	79-01-6	2	10	1.0	74	U	0.07
Benzene	71-43-2	2	10	1.0	74	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	74	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	74	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	74	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	74	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	74	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	371	U	0.37
2-Hexanone	591-78-6	10	50	5.0	371	U	0.37
Tetrachloroethene	127-18-4	2	10	1.0	74	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	74	U	0.07
Bromoform	75-25-2	2	10	1.0	74	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	74	U	0.07
Toluene	108-88-3	2	10	1.0	74	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	74	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	74	U	0.07
Styrene	100-42-5	2	10	1.0	74	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	148	U	0.15
o-Xylene	95-47-6	2	10	1.0	74	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	74	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	74	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	74	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	74	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	74	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	74	U	0.07
Bromobenzene	108-86-1	2	10	1.0	74	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	74	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	74	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	74	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	74	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	74	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	74	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	74	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	74	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	185	U	0.19
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	74	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	74	U	0.07
Naphthalene	91-20-3	2	10	1.0	74	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	74	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	119	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	111	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax. 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-57	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	75
Lab Data File Name:	01111015	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	166	U	0.17
Chloromethane	74-87-3	5	25	2.5	166	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	66	U	0.07
Bromomethane	74-83-9	5	104	10.4	690	U	0.69
Chloroethane	75-00-3	5	25	2.5	166	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	66	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	166	U	0.17
Acetone	67-64-1	10	50	5.0	332	U	0.33
1,1-Dichloroethene	75-35-4	2	10	1.0	66	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
Methylene Chloride	75-09-2	2	10	1.0	66	U	0.07
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	66	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	66	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	66	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	66	U	0.07
Chloroform	67-66-3	2	10	1.0	66	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
2-Butanone	78-93-3	10	50	5.0	332	U	0.33
1,1,1-Trichloroethane	71-55-6	2	10	1.0	66	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	66	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	66	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	66	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	66	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	66	U	0.07
Dibromomethane	75-95-3	2	10	1.0	66	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	66	U	0.07
Trichloroethene	79-01-6	2	10	1.0	66	U	0.07
Benzene	71-43-2	2	10	1.0	66	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	66	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	66	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	66	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	66	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	66	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	332	U	0.33
2-Hexanone	591-78-6	10	50	5.0	332	U	0.33
Tetrachloroethene	127-18-4	2	10	1.0	66	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	66	U	0.07
Bromoform	75-25-2	2	10	1.0	66	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	66	U	0.07
Toluene	108-88-3	2	10	1.0	66	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	66	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	66	U	0.07
Styrene	100-42-5	2	10	1.0	66	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	133	U	0.13
o-Xylene	95-47-6	2	10	1.0	66	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	66	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	66	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	66	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	66	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	66	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	66	U	0.07
Bromobenzene	108-86-1	2	10	1.0	66	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	66	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	66	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	66	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	66	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	66	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	66	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	66	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	66	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	166	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	66	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	66	U	0.07
Naphthalene	91-20-3	2	10	1.0	66	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	66	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	122 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	111	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-63	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	94
Lab Data File Name:	01111016	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	133	U	0.13
Chloromethane	74-87-3	5	25	2.5	133	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53	U	0.05
Bromomethane	74-83-9	5	104	10.4	554	U	0.55
Chloroethane	75-00-3	5	25	2.5	133	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	133	U	0.13
Acetone	67-64-1	10	50	5.0	266	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	53	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
Methylene Chloride	**75-09-2**	2	**11**	**1.1**	**56**	**B**	**0.06**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53	U	0.05
Chloroform	67-66-3	2	10	1.0	53	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
2-Butanone	**78-93-3**	10	**43**	**4.3**	**228**		**0.23**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53	U	0.05
Benzene	71-43-2	2	10	1.0	53	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	266	U	0.27
2-Hexanone	591-78-6	10	50	5.0	266	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	53	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53	U	0.05
Bromoform	75-25-2	2	10	1.0	53	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53	U	0.05
Toluene	108-88-3	2	10	1.0	53	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	53	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53	U	0.05
Styrene	100-42-5	2	10	1.0	53	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	107	U	0.11
o-Xylene	95-47-6	2	10	1.0	53	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	133	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53	U	0.05
Naphthalene	91-20-3	2	10	1.0	53	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	116	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-69	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	61
Lab Data File Name:	01111017	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	204	U	0.20
Chloromethane	74-87-3	5	25	2.5	204	U	0.20
Vinyl Chloride	75-01-4	2	10	1.0	82	U	0.08
Bromomethane	74-83-9	5	104	10.4	850	U	0.85
Chloroethane	75-00-3	5	25	2.5	204	U	0.20
Trichlorofluoromethane	75-69-4	2	10	1.0	82	U	0.08
Carbon Disulfide	75-15-0	5	25	2.5	204	U	0.20
Acetone	67-64-1	10	50	5.0	409	U	0.41
1,1-Dichloroethene	75-35-4	2	10	1.0	82	U	0.08
1,1-Dichloroethane	107-06-2	2	10	1.0	82	U	0.08
Methylene Chloride	**75-09-2**	2	**10**	**1.0**	**82**	**B**	**0.08**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	82	U	0.08
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	82	U	0.08
2,2-Dichloropropane	590-20-7	2	10	1.0	82	U	0.08
Bromochloromethane	74-97-5	2	10	1.0	82	U	0.08
Chloroform	67-66-3	2	10	1.0	82	U	0.08
1,2-Dichloroethane	107-06-2	2	10	1.0	82	U	0.08
2-Butanone	**78-93-3**	10	**46**	**4.6**	**375**	**J**	**0.38**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	82	U	0.08
2-Chloroethylvinyl ether		2	10	1.0	82	U	0.08
Carbon tetrachloride	56-15-0	2	10	1.0	82	U	0.08
1,1-Dichloropropene	563-58-6	2	10	1.0	82	U	0.08
1,2-Dichloropropane	78-87-5	2	10	1.0	82	U	0.08
Bromodichloromethane	75-27-4	2	10	1.0	82	U	0.08
Dibromomethane	75-95-3	2	10	1.0	82	U	0.08
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	82	U	0.08
Trichloroethene	79-01-6	2	10	1.0	82	U	0.08
Benzene	71-43-2	2	10	1.0	82	U	0.08
1,3-Dichloropropane	142-28-9	2	10	1.0	82	U	0.08
Dibromochloromethane	124-48-1	2	10	1.0	82	U	0.08
1,2-Dibromoethane	106-93-4	2	10	1.0	82	U	0.08
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	82	U	0.08
1,1,2-Trichloroethane	79-00-5	2	10	1.0	82	U	0.08
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	409	U	0.41
2-Hexanone	591-78-6	10	50	5.0	409	U	0.41
Tetrachloroethene	127-18-4	2	10	1.0	82	U	0.08
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	82	U	0.08
Bromoform	75-25-2	2	10	1.0	82	U	0.08
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	82	U	0.08
Toluene	108-88-3	2	10	1.0	82	U	0.08
Chlorobenzene	108-90-7	2	10	1.0	82	U	0.08
Ethyl benzene	100-41-4	2	10	1.0	82	U	0.08
Styrene	100-42-5	2	10	1.0	82	U	0.08
m&p Xylene	1330-20-7	4	20	2.0	164	U	0.16
o-Xylene	95-47-6	2	10	1.0	82	U	0.08
1,3-Dichlorobenzene	541-73-1	2	10	1.0	82	U	0.08
1,4-Dichlorobenzene	106-46-7	2	10	1.0	82	U	0.08
n-Butyl benzene	104-51-8	2	10	1.0	82	U	0.08
1,2-Dichlorobenzene	95-50-1	2	10	1.0	82	U	0.08
Isopropyl benzene	98-82-8	2	10	1.0	82	U	0.08
1,2,3-Trichloropropane	96-18-4	2	10	1.0	82	U	0.08
Bromobenzene	108-86-1	2	10	1.0	82	U	0.08
n-Propylbenzene	103-65-1	2	10	1.0	82	U	0.08
2-Chlorotoluene	95-49-8	2	10	1.0	82	U	0.08
4-Chlorotoluene	106-43-4	2	10	1.0	82	U	0.08
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	82	U	0.08
tert-Butylbenzene	98-06-6	2	10	1.0	82	U	0.08
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	82	U	0.08
sec-Butylbenzene	135-98-8	2	10	1.0	82	U	0.08
p-Isopropyltoluene	99-82-8	2	10	1.0	82	U	0.08
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	204	U	0.20
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	82	U	0.08
Hexachlorobutadiene	87-68-3	2	10	1.0	82	U	0.08
Naphthalene	91-20-3	2	10	1.0	82	U	0.08
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	82	U	0.08

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	121 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	54 *	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-75	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111001	Percent Solids:	89
Lab Data File Name:	01111018	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	141	U	0.14
Chloromethane	74-87-3	5	25	2.5	141	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	104	10.4	586	U	0.59
Chloroethane	75-00-3	5	25	2.5	141	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	141	U	0.14
Acetone	67-64-1	10	50	5.0	282	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	**75-09-2**	2	**14**	**1.4**	**77**	**B**	**0.08**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	**78-93-3**	10	**47**	**4.7**	**266**	**J**	**0.27**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	282	U	0.28
2-Hexanone	591-78-6	10	50	5.0	282	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	113	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**25**	**2.5**	**139**		**0.14**
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	141	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	91-20-3	2	10	1.0	56	U	0.06
1,2,3-Trichlorobenzene	**87-61-6**	2	**11**	**1.1**	**64**		**0.08**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	118	86-120	80-120	71-106
Toluene-d8	2037-26-5	96	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111001	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111001-07	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-81	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	72
Lab Data File Name:	01111101	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	174	U	0.17
Chloromethane	74-87-3	5	25	2.5	174	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	70	U	0.07
Bromomethane	74-83-9	5	25	2.5	174	U	0.17
Chloroethane	75-00-3	5	25	2.5	174	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	70	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	174	U	0.17
Acetone	67-64-1	10	**159**	15.9	**1111**		**1.11**
1,1-Dichloroethene	75-35-4	2	10	1.0	70	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	70	U	0.07
Methylene Chloride	75-09-2	2	**18**	1.8	**124**	**B**	**0.12**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	70	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	70	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	70	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	70	U	0.07
Chloroform	67-66-3	2	10	1.0	70	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	70	U	0.07
2-Butanone	78-93-3	10	50	5.0	348	U	0.35
1,1,1-Trichloroethane	71-55-6	2	10	1.0	70	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	70	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	70	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	70	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	70	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	70	U	0.07
Dibromomethane	75-95-3	2	10	1.0	70	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	70	U	0.07
Trichloroethene	79-01-6	2	10	1.0	70	U	0.07
Benzene	71-43-2	2	10	1.0	70	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	70	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	70	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	70	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	70	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	70	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	348	U	0.35
2-Hexanone	591-78-6	10	50	5.0	348	U	0.35
Tetrachloroethene	127-18-4	2	10	1.0	70	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	70	U	0.07
Bromoform	75-25-2	2	10	1.0	70	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	70	U	0.07
Toluene	108-88-3	2	10	1.0	70	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	70	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	70	U	0.07
Styrene	100-42-5	2	10	1.0	70	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	139	U	0.14
o-Xylene	95-47-6	2	10	1.0	70	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	70	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	70	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	70	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	70	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	70	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	70	U	0.07
Bromobenzene	108-86-1	2	10	1.0	70	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	70	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	70	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	70	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	70	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	70	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	70	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	70	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	70	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	174	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	70	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	70	U	0.07
Naphthalene	91-20-3	2	10	1.0	70	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	70	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	120	86-120	80-120	71-106
Toluene-d8	2037-26-5	96	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax. 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount	10
Lab Delivery Group:	URS111101	Lab Prep Date.	11/11/01
Lab Sample ID:	URS111101-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-58	Prep Method 2:	
Date Sample Collected.	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111101	Percent Solids:	87
Lab Data File Name:	01111111.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	104	10.4	599	U	0.60
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	50	5.0	288	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	2	**18**	**1.8**	**105**	**B**	**0.10**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	10	**40**	**4.0**	**233**	**B**	**0.23**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	288	U	0.29
2-Hexanone	591-78-6	10	50	5.0	288	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	115	U	0.12
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	120	86-120	80-120	71-106
Toluene-d8	2037-26-5	97	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-40	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	73
Lab Data File Name:	01111208	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	172	U	0.17
Chloromethane	74-87-3	5	25	2.5	172	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	69	U	0.07
Bromomethane	74-83-9	5	104	10.4	716	U	0.72
Chloroethane	75-00-3	5	25	2.5	172	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	69	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	172	U	0.17
Acetone	**67-64-1**	10	**414**	**41.4**	**2850**		**2.85**
1,1-Dichloroethene	75-35-4	2	10	1.0	69	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	69	U	0.07
Methylene Chloride	75-09-2	2	10	1.0	69	U	0.07
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	69	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	69	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	69	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	69	U	0.07
Chloroform	67-66-3	2	10	1.0	69	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	69	U	0.07
2-Butanone	78-93-3	10	50	5.0	344	U	0.34
1,1,1-Trichloroethane	71-55-6	2	10	1.0	69	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	69	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	69	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	69	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	69	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	69	U	0.07
Dibromomethane	75-95-3	2	10	1.0	69	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	69	U	0.07
Trichloroethene	79-01-6	2	10	1.0	69	U	0.07
Benzene	71-43-2	2	10	1.0	69	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	69	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	69	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	69	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	69	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	69	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	344	U	0.34
2-Hexanone	591-78-6	10	50	5.0	344	U	0.34
Tetrachloroethene	127-18-4	2	10	1.0	69	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	69	U	0.07
Bromoform	75-25-2	2	10	1.0	69	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	69	U	0.07
Toluene	108-88-3	2	10	1.0	69	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	69	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	69	U	0.07
Styrene	100-42-5	2	10	1.0	69	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	138	U	0.14
o-Xylene	95-47-6	2	10	1.0	69	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	69	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	69	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	69	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	69	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	69	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	69	U	0.07
Bromobenzene	108-86-1	2	10	1.0	69	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	69	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	69	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	69	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	69	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	69	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	69	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	69	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	69	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	172	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	69	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	69	U	0.07
Naphthalene	91-20-3	2	10	1.0	69	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	69	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	99	86-120	80-120	71-106
Toluene-d8	2037-26-5	98	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	93	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickerell Road, Reidsville, NC 27320 Ph 336-634-0660 Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS111101	Lab Prep Date	11/11/01
Lab Sample ID:	URS111101-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-46	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	91
Lab Data File Name:	01111209	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	138	U	0.14
Chloromethane	74-87-3	5	25	2.5	138	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.06
Bromomethane	74-83-9	5	104	10.4	575	U	0.57
Chloroethane	75-00-3	5	25	2.5	138	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	138	U	0.14
Acetone	67-64-1	10	50	5.0	276	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
Methylene Chloride	**75-09-2**	2	**153**	**15.3**	**843**	**B**	**0.84**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.06
Chloroform	67-66-3	2	10	1.0	55	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
2-Butanone	**78-93-3**	10	**47**	**4.7**	**260**	**B**	**0.26**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.06
Dibromomethane	75-95-3	2	10	1.0	55	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.06
Trichloroethene	79-01-6	2	10	1.0	55	U	0.06
Benzene	71-43-2	2	10	1.0	55	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	276	U	0.28
2-Hexanone	591-78-6	10	50	5.0	276	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.06
Bromoform	**75-25-2**	2	**40**	**4.0**	**218**	**B**	**0.22**
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.06
Toluene	108-88-3	2	10	1.0	55	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.06
Styrene	100-42-5	2	10	1.0	55	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.06
n-Butyl benzene	**104-51-8**	2	**10**	**1.0**	**56**		**0.06**
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.06
Bromobenzene	108-86-1	2	10	1.0	55	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	138	U	0.14
1,2,4-Trichlorobenzene	**120-82-1**	2	**13**	**1.3**	**72**		**0.07**
Hexachlorobutadiene	**87-68-3**	2	**16**	**1.6**	**90**		**0.09**
Naphthalene	**91-20-3**	2	**20**	**2.0**	**111**		**0.11**
1,2,3-Trichlorobenzene	**87-61-6**	2	**16**	**1.6**	**86**		**0.09**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	129 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	96	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	111	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-52	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	85
Lab Data File Name:	01111210.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	148	U	0.15
Chloromethane	74-87-3	5	25	2.5	148	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	104	10.4	614	U	0.61
Chloroethane	75-00-3	5	25	2.5	148	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	148	U	0.15
Acetone	67-64-1	10	50	5.0	295	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	2	**115**	**11.5**	**678**	**B**	**0.68**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	10	**53**	**5.3**	**311**	**B**	**0.31**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	295	U	0.30
2-Hexanone	591-78-6	10	50	5.0	295	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	**75-25-2**	2	**54**	**5.4**	**318**	**B**	**0.32**
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	118	U	0.12
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**21**	**2.1**	**123**		**0.12**
n-Butyl benzene	**104-51-8**	2	**14**	**1.4**	**83**		**0.08**
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	**95-49-8**	2	**23**	**2.3**	**133**		**0.13**
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	148	U	0.15
1,2,4-Trichlorobenzene	**120-82-1**	2	**20**	**2.0**	**119**		**0.12**
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	**91-20-3**	2	**29**	**2.9**	**169**		**0.17**
1,2,3-Trichlorobenzene	**87-61-6**	2	**21**	**2.1**	**122**		**0.12**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	129 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	115	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-64	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	68
Lab Data File Name:	01111211.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	185	U	0.18
Chloromethane	74-87-3	5	25	2.5	185	U	0.18
Vinyl Chloride	75-01-4	2	10	1.0	74	U	0.07
Bromomethane	74-83-9	5	104	10.4	769	U	0.77
Chloroethane	75-00-3	5	25	2.5	185	U	0.18
Trichlorofluoromethane	75-69-4	2	10	1.0	74	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	185	U	0.18
Acetone	67-64-1	10	50	5.0	370	U	0.37
1,1-Dichloroethene	75-35-4	2	10	1.0	74	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	74	U	0.07
Methylene Chloride	**75-09-2**	2	**115**	**11.5**	**851**	**B**	**0.85**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	74	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	74	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	74	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	74	U	0.07
Chloroform	67-66-3	2	10	1.0	74	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	74	U	0.07
2-Butanone	**78-93-3**	10	**27**	**2.7**	**199**	**B**	**0.20**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	74	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	74	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	74	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	74	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	74	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	74	U	0.07
Dibromomethane	75-95-3	2	10	1.0	74	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	74	U	0.07
Trichloroethene	79-01-6	2	10	1.0	74	U	0.07
Benzene	**71-43-2**	2	**16**	**1.6**	**119**		**0.12**
1,3-Dichloropropane	142-28-9	2	10	1.0	74	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	74	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	74	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	74	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	74	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	370	U	0.37
2-Hexanone	591-78-6	10	50	5.0	370	U	0.37
Tetrachloroethene	127-18-4	2	10	1.0	74	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	74	U	0.07
Bromoform	**75-25-2**	2	**30**	**3.0**	**221**	**B**	**0.22**
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	74	U	0.07
Toluene	108-88-3	2	10	1.0	74	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	74	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	74	U	0.07
Styrene	100-42-5	2	10	1.0	74	U	0.07
m&p Xylene	1330-20-7	4	14	1.4	104	J	0.10
o-Xylene	95-47-6	2	10	1.0	74	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	74	U	0.07
1,4-Dichlorobenzene	**106-46-7**	2	**11**	**1.1**	**78**		**0.08**
n-Butyl benzene	104-51-8	2	10	1.0	74	U	0.07
1,2-Dichlorobenzene	95-50-1	2	11	1.1	82		0.08
Isopropyl benzene	98-82-8	2	10	1.0	74	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	74	U	0.07
Bromobenzene	108-86-1	2	10	1.0	74	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	74	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	74	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	74	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	74	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	74	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	74	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	74	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	74	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	185	U	0.18
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	74	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	74	U	0.07
Naphthalene	91-20-3	2	10	1.0	74	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	17	1.7	125		0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	124 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	96	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	117	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-70	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111101	Percent Solids:	85
Lab Data File Name:	01111212	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	146	U	0.15
Chloromethane	74-87-3	5	25	2.5	146	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	104	10.4	609	U	0.61
Chloroethane	75-00-3	5	25	2.5	146	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	146	U	0.15
Acetone	67-64-1	10	50	5.0	293	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	2	**125**	**12.5**	**732**	**B**	**0.73**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	10	**48**	**4.8**	**282**	**B**	**0.28**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	293	U	0.29
2-Hexanone	591-78-6	10	50	5.0	293	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	**75-25-2**	2	**46**	**4.6**	**267**	**B**	**0.27**
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	**108-90-7**	2	**17**	**1.7**	**98**		**0.10**
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	117	U	0.12
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	59	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	146	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	124 *	86-120	80-120	71-106
Toluene-d8	2037-26-5	96	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	117	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-174	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type.	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix.	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	80
Lab Data File Name:	01111214.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	157	U	0.16
Chloromethane	74-87-3	5	25	2.5	157	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	104	10.4	651	U	0.65
Chloroethane	75-00-3	5	25	2.5	157	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	157	U	0.16
Acetone	67-64-1	10	50	5.0	313	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	2	**59**	**5.9**	**372**	**B**	**0.37**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	10	**50**	**5.0**	**311**	**B**	**0.31**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	313	U	0.31
2-Hexanone	591-78-6	10	50	5.0	313	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	108-88-3	2	10	1.0	63	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	125	U	0.13
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	157	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	101	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickwell Road, Reidsville, NC 27320 Ph 336-634-0660 Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-185	Prep Method 2:	
Date Sample Collected.	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received	11/12/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids.	87
Lab Data File Name:	01111215.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	143	U	0.14
Chloromethane	74-87-3	5	25	2.5	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	104	10.4	596	U	0.60
Chloroethane	75-00-3	5	25	2.5	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	143	U	0.14
Acetone	67-64-1	10	50	5.0	287	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**61**	**6.1**	**350**	**B**	**0.35**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**53**	**5.3**	**305**	**B**	**0.31**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	287	U	0.29
2-Hexanone	591-78-6	10	50	5.0	287	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	115	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reedsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-03	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-196	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	84
Lab Data File Name:	01111216.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	150	U	0.15
Chloromethane	74-87-3	5	25	2.5	150	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	104	10.4	622	U	0.62
Chloroethane	75-00-3	5	25	2.5	150	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	150	U	0.15
Acetone	67-64-1	10	50	5.0	299	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	2	**111**	**11.1**	**664**	**B**	**0.66**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	10	**43**	**4.3**	**256**	**B**	**0.26**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	299	U	0.30
2-Hexanone	591-78-6	10	50	5.0	299	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	108-88-3	2	10	1.0	60	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	120	U	0.12
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	150	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	91-20-3	2	10	1.0	60	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	194	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-206	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	5000
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111201	Percent Solids:	85
Lab Data File Name:	01111319.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	14744	U	15
Chloromethane	74-87-3	5	25	2.5	14744	U	15
Vinyl Chloride	75-01-4	2	10	1.0	5898	U	6
Bromomethane	74-83-9	5	104	10.4	61335	U	61
Chloroethane	75-00-3	5	25	2.5	14744	U	15
Trichlorofluoromethane	75-69-4	2	10	1.0	5898	U	6
Carbon Disulfide	75-15-0	5	25	2.5	14744	U	15
Acetone	67-64-1	10	50	5.0	29488	U	29
1,1-Dichloroethene	75-35-4	2	10	1.0	5898	U	6
1,1-Dichloroethane	107-06-2	2	10	1.0	5898	U	6
Methylene Chloride	**75-09-2**	2	**176**	**17.6**	**103963**	**B**	**104**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	5898	U	6
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	5898	U	6
2,2-Dichloropropane	590-20-7	2	10	1.0	5898	U	6
Bromochloromethane	74-97-5	2	10	1.0	5898	U	6
Chloroform	67-66-3	2	10	1.0	5898	U	6
1,2-Dichloroethane	107-06-2	2	10	1.0	5898	U	6
2-Butanone	78-93-3	10	50	5.0	29488	U	29
1,1,1-Trichloroethane	71-55-6	2	10	1.0	5898	U	6
2-Chloroethylvinyl ether		2	10	1.0	5898	U	6
Carbon tetrachloride	56-15-0	2	10	1.0	5898	U	6
1,1-Dichloropropene	563-58-6	2	10	1.0	5898	U	6
1,2-Dichloropropane	78-87-5	2	10	1.0	5898	U	6
Bromodichloromethane	75-27-4	2	10	1.0	5898	U	6
Dibromomethane	75-95-3	2	10	1.0	5898	U	6
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	5898	U	6
Trichloroethene	79-01-6	2	10	1.0	5898	U	6
Benzene	71-43-2	2	10	1.0	5898	U	6
1,3-Dichloropropane	142-28-9	2	10	1.0	5898	U	6
Dibromochloromethane	124-48-1	2	10	1.0	5898	U	6
1,2-Dibromoethane	106-93-4	2	10	1.0	5898	U	6
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	5898	U	6
1,1,2-Trichloroethane	79-00-5	2	10	1.0	5898	U	6
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	29488	U	29
2-Hexanone	591-78-6	10	50	5.0	29488	U	29
Tetrachloroethene	127-18-4	2	10	1.0	5898	U	6
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	5898	U	6
Bromoform	75-25-2	2	10	1.0	5898	U	6
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	5898	U	6
Toluene	**108-88-3**	2	**77**	**7.7**	**45589**		**46**
Chlorobenzene	108-90-7	2	10	1.0	5898	U	6
Ethyl benzene	**100-41-4**	2	**13**	**1.3**	**7761**		**8**
Styrene	100-42-5	2	10	1.0	5898	U	6
m&p Xylene	**1330-20-7**	4	**260**	**26.0**	**153615**		**154**
o-Xylene	**95-47-6**	2	**96**	**9.6**	**56381**		**56**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	5898	U	6
1,4-Dichlorobenzene	106-46-7	2	10	1.0	5898	U	6
n-Butyl benzene	104-51-8	2	10	1.0	5898	U	6
1,2-Dichlorobenzene	95-50-1	2	10	1.0	5898	U	6
Isopropyl benzene	98-82-8	2	10	1.0	5898	U	6
1,2,3-Trichloropropane	96-18-4	2	10	1.0	5898	U	6
Bromobenzene	108-86-1	2	10	1.0	5898	U	6
n-Propylbenzene	103-65-1	2	14	1.4	8263		8
2-Chlorotoluene	95-49-8	2	10	1.0	5898	U	6
4-Chlorotoluene	106-43-4	2	10	1.0	5898	U	6
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	5898	U	6
tert-Butylbenzene	**98-06-6**	2	**75**	**7.5**	**44220**		**44**
1,2,4-Trimethylbenzene	**120-82-1**	2	**249**	**24.9**	**146833**		**147**
sec-Butylbenzene	135-98-8	2	10	1.0	5898	U	6
p-Isopropyltoluene	99-82-8	2	10	1.0	5898	U	6
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	14744	U	15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	5898	U	6
Hexachlorobutadiene	87-68-3	2	10	1.0	5898	U	6
Naphthalene	91-20-3	2	110	11.0	64608		65
1,2,3-Trichlorobenzene	87-61-6	2	**10**	1.0	**6110**		**6**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-214	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	83
Lab Data File Name:	01111218.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	150	U	0.15
Chloromethane	74-87-3	5	25	2.5	150	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	104	10.4	625	U	0.63
Chloroethane	75-00-3	5	25	2.5	150	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	150	U	0.15
Acetone	67-64-1	10	50	5.0	300	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	2	**48**	**4.8**	**286**	**B**	**0.29**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	10	**47**	**4.7**	**282**	**B**	**0.28**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	300	U	0.30
2-Hexanone	591-78-6	10	50	5.0	300	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	108-88-3	2	10	1.0	60	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	120	U	0.12
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	150	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	**91-20-3**	2	**19**	**1.9**	**114**		**0.11**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	101	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID	URS111201-06	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-220	Prep Method 2	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix.	S	Dilution Type.	00
Sample Type.	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111201	Percent Solids.	82
Lab Data File Name:	01111219.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	152	U	0.15
Chloromethane	74-87-3	5	25	2.5	152	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	61	U	0.06
Bromomethane	74-83-9	5	104	10.4	631	U	0.63
Chloroethane	75-00-3	5	25	2.5	152	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	152	U	0.15
Acetone	67-64-1	10	50	5.0	303	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
Methylene Chloride	**75-09-2**	2	**49**	**4.9**	**295**	**B**	**0.30**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	61	U	0.06
Chloroform	67-66-3	2	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
2-Butanone	**78-93-3**	10	**44**	**4.4**	**269**	**B**	**0.27**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2	10	1.0	61	U	0.06
Benzene	71-43-2	2	10	1.0	61	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	303	U	0.30
2-Hexanone	591-78-6	10	50	5.0	303	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	61	U	0.06
Bromoform	75-25-2	2	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	61	U	0.06
Toluene	108-88-3	2	10	1.0	61	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	61	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	61	U	0.06
Styrene	100-42-5	2	10	1.0	61	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	121	U	0.12
o-Xylene	95-47-6	2	10	1.0	61	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	61	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	61	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	152	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	61	U	0.06
Naphthalene	91-20-3	2	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	61	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-224	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	85
Lab Data File Name:	01111220.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	147	U	0.15
Chloromethane	74-87-3	5	25	2.5	147	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	104	10.4	612	U	0.61
Chloroethane	75-00-3	5	25	2.5	147	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	147	U	0.15
Acetone	67-64-1	10	50	5.0	294	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	2	**62**	**6.2**	**362**	**B**	**0.36**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	10	**61**	**6.1**	**359**	**B**	**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	294	U	0.29
2-Hexanone	591-78-6	10	50	5.0	294	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	75-25-2	2	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	118	U	0.12
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	59	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	147	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-225	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	94.8
Lab Data File Name:	01111221.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	132	U	0.13
Chloromethane	74-87-3	5	25	2.5	132	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53	U	0.05
Bromomethane	74-83-9	5	104	10.4	549	U	0.55
Chloroethane	75-00-3	5	25	2.5	132	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	132	U	0.13
Acetone	67-64-1	10	50	5.0	264	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	53	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
Methylene Chloride	**75-09-2**	2	**65**	**6.5**	**340**	**B**	**0.34**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53	U	0.05
Chloroform	67-66-3	2	10	1.0	53	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
2-Butanone	78-93-3	10	65	6.5	341	B	0.34
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53	U	0.05
Benzene	71-43-2	2	10	1.0	53	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	264	U	0.26
2-Hexanone	591-78-6	10	50	5.0	264	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	53	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53	U	0.05
Bromoform	75-25-2	2	10	1.0	53	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53	U	0.05
Toluene	108-88-3	2	10	1.0	53	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	53	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53	U	0.05
Styrene	100-42-5	2	10	1.0	53	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	106	U	0.11
o-Xylene	95-47-6	2	10	1.0	53	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	132	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53	U	0.05
Naphthalene	91-20-3	2	10	1.0	53	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111201-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-226	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date	11/12/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111201	Percent Solids:	76
Lab Data File Name:	01111320.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	164	U	0.16
Chloromethane	74-87-3	5	25	2.5	164	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	66	U	0.07
Bromomethane	74-83-9	5	104	10.4	683	U	0.68
Chloroethane	75-00-3	5	25	2.5	164	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	66	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	164	U	0.16
Acetone	**67-64-1**	10	**170**	**17.0**	**1114**		**1.11**
1,1-Dichloroethene	75-35-4	2	10	1.0	66	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
Methylene Chloride	**75-09-2**	2	**167**	**16.7**	**1093**	**B**	**1.09**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	66	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	66	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	66	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	66	U	0.07
Chloroform	67-66-3	2	10	1.0	66	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
2-Butanone	**78-93-3**	10	**74**	**7.4**	**486**	**B**	**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	66	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	66	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	66	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	66	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	66	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	66	U	0.07
Dibromomethane	75-95-3	2	10	1.0	66	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	66	U	0.07
Trichloroethene	79-01-6	2	10	1.0	66	U	0.07
Benzene	71-43-2	2	10	1.0	66	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	66	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	66	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	66	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	66	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	66	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	328	U	0.33
2-Hexanone	591-78-6	10	50	5.0	328	U	0.33
Tetrachloroethene	127-18-4	2	10	1.0	66	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	66	U	0.07
Bromoform	75-25-2	2	10	1.0	66	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	66	U	0.07
Toluene	108-88-3	2	10	1.0	66	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	66	U	0.07
Ethyl benzene	100-41-4	2	10	1.0	66	U	0.07
Styrene	100-42-5	2	10	1.0	66	U	0.07
m&p Xylene	1330-20-7	4	20	2.0	131	U	0.13
o-Xylene	95-47-6	2	10	1.0	66	U	0.07
1,3-Dichlorobenzene	541-73-1	2	10	1.0	66	U	0.07
1,4-Dichlorobenzene	106-46-7	2	10	1.0	66	U	0.07
n-Butyl benzene	104-51-8	2	10	1.0	66	U	0.07
1,2-Dichlorobenzene	95-50-1	2	10	1.0	66	U	0.07
Isopropyl benzene	98-82-8	2	10	1.0	66	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	66	U	0.07
Bromobenzene	108-86-1	2	10	1.0	66	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	66	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	66	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	66	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	66	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	66	U	0.07
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	66	U	0.07
sec-Butylbenzene	135-98-8	2	10	1.0	66	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	66	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	164	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	66	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	66	U	0.07
Naphthalene	91-20-3	2	10	1.0	66	U	0.07
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	66	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-197	Prep Method 2.	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	80
Lab Data File Name:	01111321.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	155	U	0.16
Chloromethane	74-87-3	5	25	2.5	155	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	62	U	0.06
Bromomethane	74-83-9	5	25	2.5	155	U	0.16
Chloroethane	75-00-3	5	25	2.5	155	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	62	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	155	U	0.16
Acetone	67-64-1	10	50	5.0	311	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	62	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
Methylene Chloride	**75-09-2**	2	**133**	**13.3**	**829**	**B**	**0.83**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	62	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	62	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	62	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	62	U	0.06
Chloroform	67-66-3	2	10	1.0	62	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
2-Butanone	**78-93-3**	10	**34**	**3.4**	**211**	**B**	**0.21**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	62	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	62	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	62	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	62	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	62	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	62	U	0.06
Dibromomethane	75-95-3	2	10	1.0	62	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	62	U	0.06
Trichloroethene	79-01-6	2	10	1.0	62	U	0.06
Benzene	71-43-2	2	10	1.0	62	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	62	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	62	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	62	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	62	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	62	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	311	U	0.31
2-Hexanone	591-78-6	10	50	5.0	311	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	62	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	62	U	0.06
Bromoform	75-25-2	2	10	1.0	62	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	62	U	0.06
Toluene	108-88-3	2	10	1.0	62	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	62	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	62	U	0.06
Styrene	100-42-5	2	10	1.0	62	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	124	U	0.12
o-Xylene	95-47-6	2	10	1.0	62	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	62	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	62	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	62	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	62	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	62	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	62	U	0.06
Bromobenzene	108-86-1	2	10	1.0	62	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	62	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	62	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	62	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	62	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	62	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	62	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	62	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	62	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	155	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	62	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	62	U	0.06
Naphthalene	91-20-3	2	10	1.0	62	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	62	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-1-207	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	81
Lab Data File Name:	01111308.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	155	U	0.15
Chloromethane	74-87-3	5	25	2.5	155	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	62	U	0.06
Bromomethane	74-83-9	5	25	2.5	155	U	0.15
Chloroethane	75-00-3	5	25	2.5	155	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	62	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	155	U	0.15
Acetone	67-64-1	10	50	5.0	310	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	62	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
Methylene Chloride	**75-09-2**	2	**17**	**1.7**	**105**	**B**	**0.10**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	62	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	62	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	62	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	62	U	0.06
Chloroform	67-66-3	2	10	1.0	62	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
2-Butanone	**78-93-3**	10	**76**	**7.6**	**472**	**B**	**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	62	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	62	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	62	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	62	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	62	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	62	U	0.06
Dibromomethane	75-95-3	2	10	1.0	62	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	62	U	0.06
Trichloroethene	79-01-6	2	10	1.0	62	U	0.06
Benzene	71-43-2	2	10	1.0	62	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	62	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	62	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	62	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	62	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	62	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	310	U	0.31
2-Hexanone	591-78-6	10	50	5.0	310	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	62	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	62	U	0.06
Bromoform	75-25-2	2	10	1.0	62	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	62	U	0.06
Toluene	**108-88-3**	2	**9**	**0.9**	**58**	**J**	**0.06**
Chlorobenzene	108-90-7	2	10	1.0	62	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	62	U	0.06
Styrene	100-42-5	2	10	1.0	62	U	0.06
m&p Xylene	**1330-20-7**	**4**	**29**	**2.9**	**179**		**0.18**
o-Xylene	**95-47-6**	2	**10**	**1.0**	**61**	**J**	**0.06**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	62	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	62	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	62	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	62	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	62	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	62	U	0.06
Bromobenzene	108-86-1	2	10	1.0	62	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	62	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	62	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	62	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	62	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	62	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	2	**24**	**2.4**	**148**		**0.15**
sec-Butylbenzene	135-98-8	2	10	1.0	62	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	62	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	155	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	62	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	62	U	0.06
Naphthalene	**91-20-3**	2	**9**	**0.9**	**59**	**J**	**0.06**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	61.9	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-215	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	81
Lab Data File Name:	01111309.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	154	U	0.15
Chloromethane	74-87-3	5	25	2.5	154	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	62	U	0.06
Bromomethane	74-83-9	5	25	2.5	154	U	0.15
Chloroethane	75-00-3	5	25	2.5	154	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	62	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	154	U	0.15
Acetone	67-64-1	10	50	5.0	309	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	62	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
Methylene Chloride	**75-09-2**	2	**12**	**1.2**	**73**	**B**	**0.07**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	62	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	62	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	62	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	62	U	0.06
Chloroform	67-66-3	2	10	1.0	62	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
2-Butanone	**78-93-3**	10	**63**	**6.3**	**388**	**B**	**0.39**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	62	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	62	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	62	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	62	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	62	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	62	U	0.06
Dibromomethane	75-95-3	2	10	1.0	62	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	62	U	0.06
Trichloroethene	79-01-6	2	10	1.0	62	U	0.06
Benzene	71-43-2	2	10	1.0	62	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	62	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	62	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	62	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	62	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	62	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	309	U	0.31
2-Hexanone	591-78-6	10	50	5.0	309	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	62	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	62	U	0.06
Bromoform	75-25-2	2	10	1.0	62	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	62	U	0.06
Toluene	108-88-3	2	10	1.0	62	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	62	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	62	U	0.06
Styrene	100-42-5	2	10	1.0	62	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	124	U	0.12
o-Xylene	95-47-6	2	10	1.0	62	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	62	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	62	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	62	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	62	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	62	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	62	U	0.06
Bromobenzene	108-86-1	2	10	1.0	62	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	62	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	62	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	62	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	62	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	62	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	62	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	62	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	62	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	154	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	62	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	62	U	0.06
Naphthalene	91-20-3	2	10	1.0	62	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	62	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10.2
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-04	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-216	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111301	Percent Solids:	90
Lab Data File Name:	01111310.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	137	U	0.14
Chloromethane	74-87-3	5	25	2.5	137	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.05
Bromomethane	74-83-9	5	25	2.5	137	U	0.14
Chloroethane	75-00-3	5	25	2.5	137	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	137	U	0.14
Acetone	67-64-1	10	50	4.9	273	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
Methylene Chloride	**75-09-2**	2	**14**	**1.4**	**78**	**B**	**0.08**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.05
Chloroform	67-66-3	2	10	1.0	55	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
2-Butanone	**78-93-3**	10	**69**	**6.8**	**377**	**B**	**0.38**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.05
Dibromomethane	75-95-3	2	10	1.0	55	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.05
Trichloroethene	79-01-6	2	10	1.0	55	U	0.05
Benzene	71-43-2	2	10	1.0	55	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	273	U	0.27
2-Hexanone	591-78-6	10	50	4.9	273	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.05
Bromoform	75-25-2	2	10	1.0	55	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.05
Toluene	108-88-3	2	10	1.0	55	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.05
Styrene	100-42-5	2	10	1.0	55	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	109	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.05
Bromobenzene	108-86-1	2	10	1.0	55	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	137	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.05
Naphthalene	91-20-3	2	10	1.0	55	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickard Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10.2
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-05	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-221	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	81
Lab Data File Name:	01111311.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	152	U	0.15
Chloromethane	74-87-3	5	25	2.5	152	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	61	U	0.06
Bromomethane	74-83-9	5	25	2.5	152	U	0.15
Chloroethane	75-00-3	5	25	2.5	152	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	152	U	0.15
Acetone	67-64-1	10	50	4.9	304	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
Methylene Chloride	**75-09-2**	2	**19**	**1.8**	**114**	**B**	**0.11**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	61	U	0.06
Chloroform	67-66-3	2	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
2-Butanone	**78-93-3**	10	**83**	**8.2**	**505**	**B**	**0.51**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2	10	1.0	61	U	0.06
Benzene	71-43-2	2	10	1.0	61	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	304	U	0.30
2-Hexanone	591-78-6	10	50	4.9	304	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	61	U	0.06
Bromoform	75-25-2	2	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	61	U	0.06
Toluene	108-88-3	2	10	1.0	61	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	61	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	61	U	0.06
Styrene	100-42-5	2	10	1.0	61	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	121	U	0.12
o-Xylene	95-47-6	2	10	1.0	61	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	61	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	61	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	152	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	61	U	0.06
Naphthalene	91-20-3	2	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene *	87-61-6	2	10	1.0	61	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10.5
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-06	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-222	Prep Method 2:	
Date Sample Collected.	11/13/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix.	S	Dilution Type.	00
Sample Type	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	96
Lab Data File Name:	01111312.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	124	U	0.12
Chloromethane	74-87-3	5	25	2.4	124	U	0.12
Vinyl Chloride	75-01-4	2	10	1.0	50	U	0.05
Bromomethane	74-83-9	5	25	2.4	124	U	0.12
Chloroethane	75-00-3	5	25	2.4	124	U	0.12
Trichlorofluoromethane	75-69-4	2	10	1.0	50	U	0.05
Carbon Disulfide	75-15-0	5	25	2.4	124	U	0.12
Acetone	67-64-1	10	50	4.8	248	U	0.25
1,1-Dichloroethene	75-35-4	2	10	1.0	50	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	50	U	0.05
Methylene Chloride	**75-09-2**	2	**24**	**2.3**	**120**	**B**	**0.12**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	50	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	50	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	50	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	50	U	0.05
Chloroform	67-66-3	2	10	1.0	50	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	50	U	0.05
2-Butanone	**78-93-3**	10	**61**	**5.8**	**302**	**B**	**0.30**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	50	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	50	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	50	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	50	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	50	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	50	U	0.05
Dibromomethane	75-95-3	2	10	1.0	50	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	50	U	0.05
Trichloroethene	79-01-6	2	10	1.0	50	U	0.05
Benzene	71-43-2	2	10	1.0	50	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	50	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	50	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	50	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	50	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	50	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	248	U	0.25
2-Hexanone	591-78-6	10	50	4.8	248	U	0.25
Tetrachloroethene	127-18-4	2	10	1.0	50	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	50	U	0.05
Bromoform	75-25-2	2	10	1.0	50	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	50	U	0.05
Toluene	108-88-3	2	10	1.0	50	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	50	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	50	U	0.05
Styrene	100-42-5	2	10	1.0	50	U	0.05
m&p Xylene	1330-20-7	4	20	1.9	99	U	0.10
o-Xylene	95-47-6	2	10	1.0	50	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	50	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	50	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	50	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	50	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	50	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	50	U	0.05
Bromobenzene	108-86-1	2	10	1.0	50	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	50	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	50	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	50	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	50	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	50	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	50	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	50	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	50	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	124	U	0.12
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	50	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	50	U	0.05
Naphthalene	91-20-3	2	10	1.0	50	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	50	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.5
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-07	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-175	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type.	F	Dilution Factor.	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	77
Lab Data File Name:	01111412.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	154	U	0.15
Chloromethane	74-87-3	5	25	2.4	154	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	62	U	0.06
Bromomethane	74-83-9	5	25	2.4	154	U	0.15
Chloroethane	75-00-3	5	25	2.4	154	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	62	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	154	U	0.15
Acetone	67-64-1	10	50	4.8	308	U	0.31
1,1-Dichloroethene	75-35-4	2	10	1.0	62	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
Methylene Chloride	**75-09-2**	**2**	**256**	**24.4**	**1574**	**B**	**1.57**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	62	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	62	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	62	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	62	U	0.06
Chloroform	67-66-3	2	10	1.0	62	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	62	U	0.06
2-Butanone	**78-93-3**	**10**	**84**	**8.0**	**515**	**B**	**0.51**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	62	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	62	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	62	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	62	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	62	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	62	U	0.06
Dibromomethane	75-95-3	2	10	1.0	62	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	62	U	0.06
Trichloroethene	79-01-6	2	10	1.0	62	U	0.06
Benzene	71-43-2	2	10	1.0	62	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	62	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	62	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	62	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	62	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	62	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	308	U	0.31
2-Hexanone	591-78-6	10	50	4.8	308	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	62	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	62	U	0.06
Bromoform	75-25-2	2	10	1.0	62	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	62	U	0.06
Toluene	108-88-3	2	10	1.0	62	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	62	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	62	U	0.06
Styrene	100-42-5	2	10	1.0	62	U	0.06
m&p Xylene	1330-20-7	4	20	1.9	123	U	0.12
o-Xylene	95-47-6	2	10	1.0	62	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	62	U	0.06
1,4-Dichlorobenzene	**106-46-7**	**2**	**5**	**0.5**	**33**	**J**	**0.03**
n-Butyl benzene	104-51-8	2	10	1.0	62	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	62	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	62	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	62	U	0.06
Bromobenzene	108-86-1	2	10	1.0	62	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	62	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	62	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	62	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	62	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	62	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	62	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	62	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	62	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	154	U	0.15
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**6**	**0.6**	**36**	**J**	**0.04**
Hexachlorobutadiene	87-68-3	2	10	1.0	62	U	0 06
Naphthalene	**91-20-3**	**2**	**8**	**0.8**	**49**	**J**	**0.05**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	62	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10 2
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-176	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	91
Lab Data File Name:	01111413.D	Laboratory Code	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	135	U	0.13
Chloromethane	74-87-3	5	25	2.5	135	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	54	U	0.05
Bromomethane	74-83-9	5	25	2.5	135	U	0.13
Chloroethane	75-00-3	5	25	2.5	135	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	135	U	0.13
Acetone	67-64-1	10	50	4.9	269	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
Methylene Chloride	**75-09-2**	2	**248**	**24.3**	**1337**	**B**	**1.34**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	54	U	0.05
Chloroform	67-66-3	2	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
2-Butanone	**78-93-3**	10	**71**	**7.0**	**385**	**B**	**0.38**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	54	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	54	U	0.05
Trichloroethene	79-01-6	2	10	1.0	54	U	0.05
Benzene	71-43-2	2	10	1.0	54	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	269	U	0.27
2-Hexanone	591-78-6	10	50	4.9	269	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	54	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	54	U	0.05
Bromoform	75-25-2	2	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	54	U	0.05
Toluene	108-88-3	2	10	1.0	54	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	54	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	54	U	0.05
Styrene	100-42-5	2	10	1.0	54	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	108	U	0.11
o-Xylene	95-47-6	2	10	1.0	54	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	54	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	54	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	54	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	54	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2	10	1.0	54	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	54	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	54	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	135	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	54	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	54	U	0.05
Naphthalene	91-20-3	2	10	1.0	54	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	54	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickwell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-186	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111301	Percent Solids:	91
Lab Data File Name:	01111414.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	137	U	0.14
Chloromethane	74-87-3	5	25	2.5	137	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.05
Bromomethane	74-83-9	5	25	2.5	137	U	0.14
Chloroethane	75-00-3	5	25	2.5	137	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	137	U	0.14
Acetone	67-64-1	10	50	5.0	275	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
Methylene Chloride	**75-09-2**	2	**256**	**25.6**	**1406**	**B**	**1.41**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.05
Chloroform	67-66-3	2	10	1.0	55	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
2-Butanone	**78-93-3**	10	**77**	**7.7**	**425**	**B**	**0.43**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.05
Dibromomethane	75-95-3	2	10	1.0	55	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.05
Trichloroethene	79-01-6	2	10	1.0	55	U	0.05
Benzene	71-43-2	2	10	1.0	55	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	275	U	0.27
2-Hexanone	591-78-6	10	50	5.0	275	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.05
Bromoform	75-25-2	2	10	1.0	55	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.05
Toluene	108-88-3	2	10	1.0	55	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.05
Styrene	100-42-5	2	10	1.0	55	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.05
Bromobenzene	108-86-1	2	10	1.0	55	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	137	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.05
Naphthalene	91-20-3	2	10	1.0	55	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID	URS111301-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-10	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type.	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number	111301	Percent Solids:	91
Lab Data File Name:	01111405.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	137	U	0.14
Chloromethane	74-87-3	5	25	2.5	137	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.05
Bromomethane	74-83-9	5	25	2.5	137	U	0.14
Chloroethane	75-00-3	5	25	2.5	137	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	137	U	0.14
Acetone	67-64-1	10	50	5.0	275	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
Methylene Chloride	**75-09-2**	2	**267**	**26.7**	**1467**	**B**	**1.47**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.05
Chloroform	67-66-3	2	10	1.0	55	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
2-Butanone	**78-93-3**	10	**83**	**8.3**	**458**	**B**	**0.46**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.05
Dibromomethane	75-95-3	2	10	1.0	55	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.05
Trichloroethene	**79-01-6**	2	**9**	**0.9**	**49**	**J**	**0.05**
Benzene	71-43-2	2	10	1.0	55	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	275	U	0.27
2-Hexanone	591-78-6	10	50	5.0	275	U	0.27
Tetrachloroethene	**127-18-4**	2	**29**	**2.9**	**158**		**0.16**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.05
Bromoform	75-25-2	2	10	1.0	55	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.05
Toluene	108-88-3	2	10	1.0	55	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.05
Styrene	100-42-5	2	10	1.0	55	U	0.05
m&p Xylene	**1330-20-7**	4	**9**	**0.9**	**49**	**J**	**0.05**
o-Xylene	**95-47-6**	2	**5**	**0.5**	**27**	**J**	**0.03**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.05
1,4-Dichlorobenzene	**106-46-7**	2	**25**	**2.5**	**137**		**0.14**
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.05
1,2-Dichlorobenzene	**95-50-1**	2	**15**	**1.5**	**82**		**0.08**
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.05
Bromobenzene	108-86-1	2	10	1.0	55	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.05
1,2,4-Trimethylbenzene	**120-82-1**	2	**6**	**0.6**	**33**	**J**	**0.03**
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	137	U	0.14
1,2,4-Trichlorobenzene	**120-82-1**	2	**55**	**5.5**	**302**		**0.30**
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.05
Naphthalene	**91-20-3**	2	**30**	**3.0**	**165**		**0.16**
1,2,3-Trichlorobenzene	**87-61-6**	2	**164**	**16.4**	**901**		**0.90**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-11	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-12	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	69
Lab Data File Name:	01111406.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	181	U	0.18
Chloromethane	74-87-3	5	25	2.5	181	U	0.18
Vinyl Chloride	75-01-4	2	10	1.0	72	U	0.07
Bromomethane	74-83-9	5	25	2.5	181	U	0.18
Chloroethane	75-00-3	5	25	2.5	181	U	0.18
Trichlorofluoromethane	75-69-4	2	10	1.0	72	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	181	U	0.18
Acetone	**67-64-1**	10	**167**	**16.7**	**1210**		**1.21**
1,1-Dichloroethene	75-35-4	2	10	1.0	72	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	72	U	0.07
Methylene Chloride	**75-09-2**	2	**283**	**28.3**	**2051**	**B**	**2.05**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	72	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	72	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	72	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	72	U	0.07
Chloroform	67-66-3	2	10	1.0	72	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	72	U	0.07
2-Butanone	**78-93-3**	10	**86**	**8.6**	**623**	**B**	**0.62**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	72	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	72	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	72	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	72	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	72	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	72	U	0.07
Dibromomethane	75-95-3	2	10	1.0	72	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	72	U	0.07
Trichloroethene	79-01-6	2	10	1.0	72	U	0.07
Benzene	**71-43-2**	2	**17**	**1.7**	**123**		**0.12**
1,3-Dichloropropane	142-28-9	2	10	1.0	72	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	72	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	72	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	72	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	72	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	362	U	0.36
2-Hexanone	**591-78-6**	10	**26**	**2.6**	**188**	**J**	**0.19**
Tetrachloroethene	127-18-4	2	10	1.0	72	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	72	U	0.07
Bromoform	75-25-2	2	10	1.0	72	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	72	U	0.07
Toluene	**108-88-3**	2	**19**	**1.9**	**138**		**0.14**
Chlorobenzene	**108-90-7**	2	**1063**	**106.3**	**7703**	**E**	**7.70**
Ethyl benzene	**100-41-4**	2	**42**	**4.2**	**304**		**0.30**
Styrene	100-42-5	2	10	1.0	72	U	0.07
m&p Xylene	**1330-20-7**	4	**106**	**10.6**	**768**		**0.77**
o-Xylene	**95-47-6**	2	**34**	**3.4**	**246**		**0.25**
1,3-Dichlorobenzene	**541-73-1**	2	**447**	**44.7**	**3239**		**3.24**
1,4-Dichlorobenzene	**106-46-7**	2	**2930**	**293.0**	**21232**	**E**	**21.2**
n-Butyl benzene	**104-51-8**	2	**8**	**0.8**	**58**	**J**	**0.06**
1,2-Dichlorobenzene	**95-50-1**	2	**263**	**26.3**	**1906**		**1.91**
Isopropyl benzene	98-82-8	2	10	1.0	72	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	72	U	0.07
Bromobenzene	108-86-1	2	10	1.0	72	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	72	U	0.07
2-Chlorotoluene	**95-49-8**	2	**6**	**0.6**	**43**	**J**	**0.04**
4-Chlorotoluene	**106-43-4**	2	**5**	**0.5**	**36**	**J**	**0.04**
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	72	U	0.07
tert-Butylbenzene	**98-06-6**	2	**10**	**1.0**	**72**	**J**	**0.07**
1,2,4-Trimethylbenzene	**120-82-1**	2	**13**	**1.3**	**94**		**0.09**
sec-Butylbenzene	135-98-8	2	10	1.0	72	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	72	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	181	U	0.18
1,2,4-Trichlorobenzene	**120-82-1**	2	**156**	**15.6**	**1130**		**1.13**
Hexachlorobutadiene	87-68-3	2	10	1.0	72	U	0.07
Naphthalene	**91-20-3**	2	**67**	**6.7**	**486**		**0.49**
1,2,3-Trichlorobenzene	**87-61-6**	2	**331**	**33.1**	**2399**		**2.40**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-11DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-12	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	69
Lab Data File Name:	01111415.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	1812	U	1.81
Chloromethane	74-87-3	5	25	2.5	1812	U	1.81
Vinyl Chloride	75-01-4	2	10	1.0	725	U	0.72
Bromomethane	74-83-9	5	25	2.5	1812	U	1.81
Chloroethane	75-00-3	5	25	2.5	1812	U	1.81
Trichlorofluoromethane	75-69-4	2	10	1.0	725	U	0.72
Carbon Disulfide	75-15-0	5	25	2.5	1812	U	1.81
Acetone	67-64-1	10	50	5.0	3623	U	3.62
1,1-Dichloroethene	75-35-4	2	10	1.0	725	U	0.72
1,1-Dichloroethane	107-06-2	2	10	1.0	725	U	0.72
Methylene Chloride	**75-09-2**	2	**282**	**28.2**	**20435**	**B**	**20.4**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	725	U	0.72
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	725	U	0.72
2,2-Dichloropropane	590-20-7	2	10	1.0	725	U	0.72
Bromochloromethane	74-97-5	2	10	1.0	725	U	0.72
Chloroform	67-66-3	2	10	1.0	725	U	0.72
1,2-Dichloroethane	107-06-2	2	10	1.0	725	U	0.72
2-Butanone	**78-93-3**	10	**18**	**1.8**	**1304**	**BJ**	**1.30**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	725	U	0.72
2-Chloroethylvinyl ether		2	10	1.0	725	U	0.72
Carbon tetrachloride	56-15-0	2	10	1.0	725	U	0.72
1,1-Dichloropropene	563-58-6	2	10	1.0	725	U	0.72
1,2-Dichloropropane	78-87-5	2	10	1.0	725	U	0.72
Bromodichloromethane	75-27-4	2	10	1.0	725	U	0.72
Dibromomethane	75-95-3	2	10	1.0	725	U	0.72
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	725	U	0.72
Trichloroethene	79-01-6	2	10	1.0	725	U	0.72
Benzene	71-43-2	2	10	1.0	725	U	0.72
1,3-Dichloropropane	142-28-9	2	10	1.0	725	U	0.72
Dibromochloromethane	124-48-1	2	10	1.0	725	U	0.72
1,2-Dibromoethane	106-93-4	2	10	1.0	725	U	0.72
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	725	U	0.72
1,1,2-Trichloroethane	79-00-5	2	10	1.0	725	U	0.72
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	3623	U	3.62
2-Hexanone	591-78-6	10	50	5.0	3623	U	3.62
Tetrachloroethene	127-18-4	2	10	1.0	725	U	0.72
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	725	U	0.72
Bromoform	75-25-2	2	10	1.0	725	U	0.72
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	725	U	0.72
Toluene	108-88-3	2	10	1.0	725	U	0.72
Chlorobenzene	**108-90-7**	2	**125**	**12.5**	**9058**		**9.06**
Ethyl benzene	100-41-4	2	10	1.0	725	U	0.72
Styrene	100-42-5	2	10	1.0	725	U	0.72
m&p Xylene	**1330-20-7**	4	**12**	**1.2**	**870**	**J**	**0.87**
o-Xylene	95-47-6	2	10	1.0	725	U	0.72
1,3-Dichlorobenzene	**541-73-1**	2	**54**	**5.4**	**3913**		**3.91**
1,4-Dichlorobenzene	**106-46-7**	2	**342**	**34.2**	**24783**		**24.8**
n-Butyl benzene	104-51-8	2	10	1.0	725	U	0.72
1,2-Dichlorobenzene	**95-50-1**	2	**34**	**3.4**	**2464**		**2.46**
Isopropyl benzene	98-82-8	2	10	1.0	725	U	0.72
1,2,3-Trichloropropane	96-18-4	2	10	1.0	725	U	0.72
Bromobenzene	108-86-1	2	10	1.0	725	U	0.72
n-Propylbenzene	103-65-1	2	10	1.0	725	U	0.72
2-Chlorotoluene	95-49-8	2	10	1.0	725	U	0.72
4-Chlorotoluene	106-43-4	2	10	1.0	725	U	0.72
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	725	U	0.72
tert-Butylbenzene	98-06-6	2	10	1.0	725	U	0.72
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	725	U	0.72
sec-Butylbenzene	135-98-8	2	10	1.0	725	U	0.72
p-Isopropyltoluene	99-82-8	2	10	1.0	725	U	0.72
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	1812	U	1.81
1,2,4-Trichlorobenzene	**120-82-1**	2	**22**	**2.2**	**1594**		**1.59**
Hexachlorobutadiene	87-68-3	2	10	1.0	725	U	0.72
Naphthalene	**91-20-3**	2	**9**	**0.9**	**652**	**J**	**0.65**
1,2,3-Trichlorobenzene	**87-61-6**	2	**39**	**3.9**	**2826**		**2.83**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-12	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-208	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	84
Lab Data File Name:	01111415.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	149	U	0.149
Chloromethane	74-87-3	5	25	2.5	149	U	0.149
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.060
Bromomethane	74-83-9	5	25	2.5	149	U	0.149
Chloroethane	75-00-3	5	25	2.5	149	U	0.149
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.060
Carbon Disulfide	75-15-0	5	25	2.5	149	U	0.149
Acetone	67-64-1	10	50	5.0	298	U	0.298
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.060
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.060
Methylene Chloride	**75-09-2**	2	**234**	**23.4**	**1393**	**B**	**1.393**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.060
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.060
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.060
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.060
Chloroform	67-66-3	2	10	1.0	60	U	0.060
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.060
2-Butanone	**78-93-3**	10	**79**	**7.9**	**470**	**B**	**0.470**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.060
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.060
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.060
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.060
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.060
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.060
Dibromomethane	75-95-3	2	10	1.0	60	U	0.060
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.060
Trichloroethene	79-01-6	2	10	1.0	60	U	0.060
Benzene	71-43-2	2	10	1.0	60	U	0.060
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.060
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.060
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.060
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.060
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.060
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	298	U	0.298
2-Hexanone	591-78-6	10	50	5.0	298	U	0.298
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.060
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.060
Bromoform	75-25-2	2	10	1.0	60	U	0.060
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.060
Toluene	108-88-3	2	10	1.0	60	U	0.060
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.060
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.060
Styrene	100-42-5	2	10	1.0	60	U	0.060
m&p Xylene	1330-20-7	4	20	2.0	119	U	0.119
o-Xylene	95-47-6	2	10	1.0	60	U	0.060
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.060
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.060
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.060
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.060
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.060
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.060
Bromobenzene	108-86-1	2	10	1.0	60	U	0.060
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.060
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.060
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.060
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.060
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.060
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.060
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.060
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.060
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	149	U	0.149
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.060
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.060
Naphthalene	91-20-3	2	10	1.0	60	U	0.060
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.060

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.7
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-13	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-187	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	92
Lab Data File Name:	01111408.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.3	127	U	0.13
Chloromethane	74-87-3	5	25	2.3	127	U	0.13
Vinyl Chloride	75-01-4	2	10	0.9	51	U	0.05
Bromomethane	74-83-9	5	25	2.3	127	U	0.13
Chloroethane	75-00-3	5	25	2.3	127	U	0.13
Trichlorofluoromethane	75-69-4	2	10	0.9	51	U	0.05
Carbon Disulfide	75-15-0	5	25	2.3	127	U	0.13
Acetone	67-64-1	10	50	4.7	254	U	0.25
1,1-Dichloroethene	75-35-4	2	10	0.9	51	U	0.05
1,1-Dichloroethane	107-06-2	2	10	0.9	51	U	0.05
Methylene Chloride	**75-09-2**	2	**228**	**21.3**	**1158**	**B**	**1.16**
trans-1,2-Dichloroethene	156-60-5	2	10	0.9	51	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	0.9	51	U	0.05
2,2-Dichloropropane	590-20-7	2	10	0.9	51	U	0.05
Bromochloromethane	74-97-5	2	10	0.9	51	U	0.05
Chloroform	67-66-3	2	10	0.9	51	U	0.05
1,2-Dichloroethane	107-06-2	2	10	0.9	51	U	0.05
2-Butanone	**78-93-3**	10	**78**	**7.3**	**396**	**B**	**0.40**
1,1,1-Trichloroethane	71-55-6	2	10	0.9	51	U	0.05
2-Chloroethylvinyl ether		2	10	0.9	51	U	0.05
Carbon tetrachloride	56-15-0	2	10	0.9	51	U	0.05
1,1-Dichloropropene	563-58-6	2	10	0.9	51	U	0.05
1,2-Dichloropropane	78-87-5	2	10	0.9	51	U	0.05
Bromodichloromethane	75-27-4	2	10	0.9	51	U	0.05
Dibromomethane	75-95-3	2	10	0.9	51	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	0.9	51	U	0.05
Trichloroethene	79-01-6	2	10	0.9	51	U	0.05
Benzene	71-43-2	2	10	0.9	51	U	0.05
1,3-Dichloropropane	142-28-9	2	10	0.9	51	U	0.05
Dibromochloromethane	124-48-1	2	10	0.9	51	U	0.05
1,2-Dibromoethane	106-93-4	2	10	0.9	51	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	0.9	51	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	0.9	51	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.7	254	U	0.25
2-Hexanone	591-78-6	10	50	4.7	254	U	0.25
Tetrachloroethene	127-18-4	2	10	0.9	51	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	0.9	51	U	0.05
Bromoform	75-25-2	2	10	0.9	51	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	0.9	51	U	0.05
Toluene	108-88-3	2	10	0.9	51	U	0.05
Chlorobenzene	108-90-7	2	10	0.9	51	U	0.05
Ethyl benzene	100-41-4	2	10	0.9	51	U	0.05
Styrene	100-42-5	2	10	0.9	51	U	0.05
m&p Xylene	1330-20-7	4	20	1.9	102	U	0.10
o-Xylene	95-47-6	2	10	0.9	51	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	0.9	51	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	0.9	51	U	0.05
n-Butyl benzene	104-51-8	2	10	0.9	51	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	0.9	51	U	0.05
Isopropyl benzene	98-82-8	2	10	0.9	51	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	0.9	51	U	0.05
Bromobenzene	108-86-1	2	10	0.9	51	U	0.05
n-Propylbenzene	103-65-1	2	10	0.9	51	U	0.05
2-Chlorotoluene	95-49-8	2	10	0.9	51	U	0.05
4-Chlorotoluene	106-43-4	2	10	0.9	51	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	0.9	51	U	0.05
tert-Butylbenzene	98-06-6	2	10	0.9	51	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	0.9	51	U	0.05
sec-Butylbenzene	135-98-8	2	10	0.9	51	U	0.05
p-Isopropyltoluene	99-82-8	2	10	0.9	51	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.3	127	U	0.13
1,2,4-Trichlorobenzene	**120-82-1**	2	**7**	**0.7**	**36**	**J**	**0.04**
Hexachlorobutadiene	87-68-3	2	10	0.9	51	U	0.05
Naphthalene	**91-20-3**	2	**11**	**1.0**	**56**		**0.06**
1,2,3-Trichlorobenzene	87-61-6	2	10	0.9	51	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group:	URS111301	Lab Prep Date	11/13/01
Lab Sample ID	URS111301-14	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-195	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number.	111301	Percent Solids:	80
Lab Data File Name:	01111409.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	152	U	0.15
Chloromethane	74-87-3	5	25	2.4	152	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	61	U	0.06
Bromomethane	74-83-9	5	25	2.4	152	U	0.15
Chloroethane	75-00-3	5	25	2.4	152	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	152	U	0.15
Acetone	67-64-1	10	50	4.9	303	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
Methylene Chloride	**75-09-2**	2	**250**	**24.3**	**1517**	**B**	**1.52**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	61	U	0.06
Chloroform	67-66-3	2	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
2-Butanone	**78-93-3**	10	**81**	**7.9**	**492**	**B**	**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2	10	1.0	61	U	0.06
Benzene	71-43-2	2	10	1.0	61	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	303	U	0.30
2-Hexanone	591-78-6	10	50	4.9	303	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	61	U	0.06
Bromoform	75-25-2	2	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	61	U	0.06
Toluene	**108-88-3**	2	**7**	**0.7**	**42**	**J**	**0.04**
Chlorobenzene	**108-90-7**	2	**6**	**0.6**	**36**	**J**	**0.04**
Ethyl benzene	100-41-4	2	10	1.0	61	U	0.06
Styrene	100-42-5	2	10	1.0	61	U	0.06
m&p Xylene	1330-20-7	4	20	1.9	121	U	0.12
o-Xylene	95-47-6	2	10	1.0	61	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	61	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**26**	**2.5**	**158**		**0.16**
n-Butyl benzene	104-51-8	2	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	152	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	61	U	0.06
Naphthalene	91-20-3	2	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	61	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320 Ph 336-634-0660 Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-184	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	85
Lab Data File Name:	01111410.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	147	U	0.15
Chloromethane	74-87-3	5	25	2.5	147	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	25	2.5	147	U	0.15
Chloroethane	75-00-3	5	25	2.5	147	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	147	U	0.15
Acetone	67-64-1	10	50	5.0	294	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	2	**261**	**26.1**	**1535**	**B**	**1.54**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	10	**80**	**8.0**	**471**	**B**	**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	294	U	0.29
2-Hexanone	591-78-6	10	50	5.0	294	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	75-25-2	2	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	**108-90-7**	2	**29**	**2.9**	**171**		**0.17**
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	118	U	0.12
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**5**	**0.5**	**29**	**J**	**0.03**
n-Butyl benzene	104-51-8	2	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	147	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-16	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-198	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/14/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111301	Percent Solids:	87
Lab Data File Name:	01111411.D	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	144	U	0.14
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	**75-69-4**	2	**19**	**1.9**	**109**		**0.11**
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	50	5.0	287	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**285**	**28.5**	**1638**	**B**	**1.64**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**81**	**8.1**	**466**	**B**	**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	287	U	0.29
2-Hexanone	591-78-6	10	50	5.0	287	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	**108-88-3**	2	**8**	**0.8**	**46**	**J**	**0.05**
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	115	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax: 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.4
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-14	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	83
Lab Data File Name:	01111416	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	144 8	U	0.14
Chloromethane	74-87-3	5	25	2.4	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.4	145	U	0.14
Chloroethane	75-00-3	5	25	2.4	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0 06
Carbon Disulfide	75-15-0	5	25	2.4	145	U	0.14
Acetone	**67-64-1**	10	**84**	**8.1**	**487**		**0.49**
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	2	**217**	**20.9**	**1257**	**B**	**1.26**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	10	**80**	**7.7**	**463**	**B**	**0.46**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	**71-43-2**	2	**7**	**0.7**	**41**	**J**	**0.04**
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	**10061-02-6**	2	**5**	**0.5**	**29**	**J**	**0.03**
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	**108-10-1**	10	**7**	**0.7**	**41**	**J**	**0.04**
2-Hexanone	**591-78-6**	10	**584**	**56.2**	**3383**		**3.38**
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	**108-88-3**	2	**178**	**17.1**	**1031**		**1.03**
Chlorobenzene	**108-90-7**	2	**79**	**7.6**	**458**		**0.46**
Ethyl benzene	**100-41-4**	2	**63**	**6.1**	**365**		**0.36**
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	**1330-20-7**	4	**296**	**28.5**	**1715**		**1.71**
o-Xylene	**95-47-6**	2	**99**	**9.5**	**573**		**0.57**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**295**	**28.3**	**1707**		**1.71**
n-Butyl benzene	**104-51-8**	2	**18**	**1.7**	**104**		**0.10**
1,2-Dichlorobenzene	**95-50-1**	2	**288**	**27.7**	**1669**		**1.67**
Isopropyl benzene	**98-82-8**	2	**6**	**0.6**	**35**	**J**	**0.03**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	**103-65-1**	2	**18**	**1.7**	**104**		**0.10**
2-Chlorotoluene	**95-49-8**	2	**19**	**1.8**	**110**		**0.11**
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	2	**6**	**0.6**	**35**	**J**	**0.03**
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	2	**147**	**14.1**	**851**		**0.85**
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	*460-00-4*	*105*	*86-130*	*74-121*	*74-121*

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-16	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	91
Lab Data File Name:	01111417	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	137	U	0.14
Chloromethane	74-87-3	5	25	2.5	137	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.05
Bromomethane	74-83-9	5	25	2.5	137	U	0.14
Chloroethane	75-00-3	5	25	2.5	137	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	137	U	0.14
Acetone	67-64-1	10	50	5.0	275	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
Methylene Chloride	**75-09-2**	2	**231**	**23.1**	**1269**	**B**	**1.27**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.05
Chloroform	67-66-3	2	10	1.0	55	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
2-Butanone	**78-93-3**	10	**81**	**8.1**	**445**	**B**	**0.45**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.05
Dibromomethane	75-95-3	2	10	1.0	55	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.05
Trichloroethene	79-01-6	2	10	1.0	55	U	0.05
Benzene	71-43-2	2	10	1.0	55	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	275	U	0.27
2-Hexanone	591-78-6	10	50	5.0	275	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.05
Bromoform	75-25-2	2	10	1.0	55	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.05
Toluene	**108-88-3**	2	**8**	**0.8**	**44**	**J**	**0.04**
Chlorobenzene	**108-90-7**	2	**29**	**2.9**	**159**		**0.16**
Ethyl benzene	**100-41-4**	2	**7**	**0.7**	**38**	**J**	**0.04**
Styrene	100-42-5	2	10	1.0	55	U	0.05
m&p Xylene	**1330-20-7**	4	**16**	**1.6**	**88**	**J**	**0.09**
o-Xylene	**95-47-6**	2	**5**	**0.5**	**27**	**J**	**0.03**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.05
1,4-Dichlorobenzene	**106-46-7**	2	**363**	**36.3**	**1995**		**1.99**
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.05
1,2-Dichlorobenzene	**95-50-1**	2	**23**	**2.3**	**126**		**0.13**
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.05
Bromobenzene	108-86-1	2	10	1.0	55	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	137	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.05
Naphthalene	91-20-3	2	10	1.0	55	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0648

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-18	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	90
Lab Data File Name:	01111418	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	139	U	0.14
Chloromethane	74-87-3	5	25	2.5	139	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.5	139	U	0.14
Chloroethane	75-00-3	5	25	2.5	139	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	139	U	0.14
Acetone	67-64-1	10	50	5.0	278	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	**75-09-2**	2	**273**	**27.3**	**1517**	**B**	**1.52**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	**78-93-3**	10	**73**	**7.3**	**406**	**B**	**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	**71-43-2**	2	**10**	**1.0**	**56**	**J**	**0.06**
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	278	U	0.28
2-Hexanone	591-78-6	10	50	5.0	278	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	**108-90-7**	2	**349**	**34.9**	**1939**		**1.94**
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	111	U	0.11
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	**541-73-1**	2	**25**	**2.5**	**139**		**0.14**
1,4-Dichlorobenzene	**106-46-7**	2	**191**	**19.1**	**1061**		**1.06**
n-Butyl benzene	**104-51-8**	2	**20**	**2.0**	**111**		**0.11**
1,2-Dichlorobenzene	95-50-1	2		0.0	0		0.00
Isopropyl benzene	**98-82-8**	2	**130**	**13.0**	**722**		**0.72**
1,2,3-Trichloropropane	**96-18-4**	2	**9**	**0.9**	**50**	**J**	**0.05**
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	**103-65-1**	2	**73**	**7.3**	**406**		**0.41**
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	2	**130**	**13.0**	**722**		**0.72**
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	**135-98-8**	2	**6**	**0.6**	**33**	**J**	**0.03**
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	139	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	**91-20-3**	2	**6**	**0.6**	**33**	**J**	**0.03**
1,2,3-Trichlorobenzene	**87-61-6**	2	**6**	**0.6**	**33**	**J**	**0.03**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-20	Lab Analysis Date:	11/14/01
Date Sample Collected	11/14/01	Data File :	
Date Sample Received	11/14/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	86
Lab Data File Name:	01111419	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.15
Chloromethane	74-87-3	5	25	2.5	145	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.15
Chloroethane	75-00-3	5	25	2.5	145	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.15
Acetone	67-64-1	10	50	5.0	291	U	0 29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	2	**281**	**28.1**	**1634**	**B**	**1.63**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	10	**76**	**7.6**	**442**	**B**	**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	291	U	0.29
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	**1330-20-7**	**4**	**12**	**1.2**	**70**	**J**	**0.07**
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	2	**19**	**1.9**	**110**		**0.11**
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	**91-20-3**	2	**69**	**6.9**	**401**		**0.40**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID	URS111401-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-135	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	88
Lab Data File Name:	01111420	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	284	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**259**	**25.9**	**1472**	**B**	**1.47**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**84**	**8.4**	**477**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-136	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	96
Lab Data File Name:	01111421	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	130	U	0.13
Chloromethane	74-87-3	5	25	2.5	130	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	52	U	0.05
Bromomethane	74-83-9	5	25	2.5	130	U	0.13
Chloroethane	75-00-3	5	25	2.5	130	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	52	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	130	U	0.13
Acetone	67-64-1	10	50	5.0	260	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	52	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
Methylene Chloride	**75-09-2**	2	**183**	**18.3**	**953**	**B**	**0.95**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	52	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	52	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	52	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	52	U	0.05
Chloroform	67-66-3	2	10	1.0	52	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
2-Butanone	**78-93-3**	10	**39**	**3.9**	**203**	**BJ**	**0.20**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	52	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	52	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	52	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	52	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	52	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	52	U	0.05
Dibromomethane	75-95-3	2	10	1.0	52	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	52	U	0.05
Trichloroethene	79-01-6	2	10	1.0	52	U	0.05
Benzene	71-43-2	2	10	1.0	52	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	52	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	52	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	52	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	52	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	52	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	260	U	0.26
2-Hexanone	591-78-6	10	50	5.0	260	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	52	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	52	U	0.05
Bromoform	75-25-2	2	10	1.0	52	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	52	U	0.05
Toluene	108-88-3	2	10	1.0	52	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	52	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	52	U	0.05
Styrene	100-42-5	2	10	1.0	52	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	104	U	0.10
o-Xylene	95-47-6	2	10	1.0	52	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	52	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	52	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	52	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	52	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	52	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	52	U	0.05
Bromobenzene	108-86-1	2	10	1.0	52	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	52	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	52	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	52	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	52	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	52	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	52	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	52	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	52	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	130	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	52	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	52	U	0.05
Naphthalene	91-20-3	2	10	1.0	52	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	52	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-139	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	88
Lab Data File Name:	01111422	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	284	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**193**	**19.3**	**1097**	**B**	**1.10**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**80**	**8.0**	**455**	**B**	**0.45**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**14**	**1.4**	**80**		**0.08**
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	**120-82-1**	2	**7**	**0.7**	**40**	**J**	**0.04**
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	**91-20-3**	2	**6**	**0.6**	**34**	**J**	**0.03**
1,2,3-Trichlorobenzene	**87-61-6**	2	**8**	**0.8**	**45**	**J**	**0.05**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-140	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	95
Lab Data File Name:	01111423	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	132	U	0.13
Chloromethane	74-87-3	5	25	2.5	132	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53	U	0.05
Bromomethane	74-83-9	5	25	2.5	132	U	0.13
Chloroethane	75-00-3	5	25	2.5	132	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	132	U	0.13
Acetone	67-64-1	10	50	5.0	263	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	53	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
Methylene Chloride	**75-09-2**	2	**198**	**19.8**	**1042**	**B**	**1.04**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53	U	0.05
Chloroform	67-66-3	2	10	1.0	53	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
2-Butanone	**78-93-3**	10	**82**	**8.2**	**432**	**B**	**0.43**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53	U	0.05
Benzene	71-43-2	2	10	1.0	53	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	263	U	0.26
2-Hexanone	591-78-6	10	50	5.0	263	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	53	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53	U	0.05
Bromoform	75-25-2	2	10	1.0	53	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53	U	0.05
Toluene	108-88-3	2	10	1.0	53	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	53	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53	U	0.05
Styrene	100-42-5	2	10	1.0	53	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	105	U	0.11
o-Xylene	95-47-6	2	10	1.0	53	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	132	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53	U	0.05
Naphthalene	91-20-3	2	10	1.0	53	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-213	Lab Analysis Date:	11/14/01
Date Sample Collected	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	88
Lab Data File Name:	01111428	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	284	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**182**	**18.2**	**1034**	**B**	**1.03**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**76**	**7.6**	**432**	**B**	**0.43**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**5**	**0.5**	**28**	**J**	**0.03**
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax: 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.9
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-205	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	78
Lab Data File Name:	01111429	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.3	147	U	0.15
Chloromethane	74-87-3	5	25	2.3	147	U	0.15
Vinyl Chloride	75-01-4	2	10	0.9	59	U	0.06
Bromomethane	74-83-9	5	25	2.3	147	U	0.15
Chloroethane	75-00-3	5	25	2.3	147	U	0.15
Trichlorofluoromethane	75-69-4	2	10	0.9	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.3	147	U	0.15
Acetone	67-64-1	10	50	4.6	294	U	0.29
1,1-Dichloroethene	75-35-4	2	10	0.9	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	0.9	59	U	0.06
Methylene Chloride	**75-09-2**	2	**203**	**18.6**	**1194**	**B**	**1.19**
trans-1,2-Dichloroethene	156-60-5	2	10	0.9	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	0.9	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	0.9	59	U	0.06
Bromochloromethane	74-97-5	2	10	0.9	59	U	0.06
Chloroform	67-66-3	2	10	0.9	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	0.9	59	U	0.06
2-Butanone	**78-93-3**	10	**62**	**5.7**	**365**	**B**	**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	0.9	59	U	0.06
2-Chloroethylvinyl ether		2	10	0.9	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	0.9	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	0.9	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	0.9	59	U	0.06
Bromodichloromethane	75-27-4	2	10	0.9	59	U	0.06
Dibromomethane	75-95-3	2	10	0.9	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	0.9	59	U	0.06
Trichloroethene	79-01-6	2	10	0.9	59	U	0.06
Benzene	71-43-2	2	10	0.9	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	0.9	59	U	0.06
Dibromochloromethane	124-48-1	2	10	0.9	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	0.9	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	0.9	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	0.9	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.6	294	U	0.29
2-Hexanone	591-78-6	10	50	4.6	294	U	0.29
Tetrachloroethene	127-18-4	2	10	0.9	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	0.9	59	U	0.06
Bromoform	75-25-2	2	10	0.9	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	0.9	59	U	0.06
Toluene	**108-88-3**	2	**27**	**2.5**	**159**		**0.16**
Chlorobenzene	108-90-7	2	10	0.9	59	U	0.06
Ethyl benzene	**100-41-4**	2	**8**	**0.7**	**47**	**J**	**0.05**
Styrene	100-42-5	2	10	0.9	59	U	0.06
m&p Xylene	**1330-20-7**	4	**17**	**1.6**	**100**	**J**	**0.10**
o-Xylene	95-47-6	2	10	0.9	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	0.9	59	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**5**	**0.5**	**29**	**J**	**0.03**
n-Butyl benzene	**104-51-8**	2	**6**	**0.6**	**35**	**J**	**0.04**
1,2-Dichlorobenzene	95-50-1	2	10	0.9	59	U	0.06
Isopropyl benzene	98-82-8	2	10	0.9	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	0.9	59	U	0.06
Bromobenzene	108-86-1	2	10	0.9	59	U	0.06
n-Propylbenzene	103-65-1	2	10	0.9	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	0.9	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	0.9	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	0.9	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	0.9	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	0.9	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	0.9	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	0.9	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.3	147	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	0.9	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	0.9	59	U	0.06
Naphthalene	91-20-3	2	10	0.9	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	0.9	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10 4
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-11	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-219	Lab Analysis Date:	11/14/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	91
Lab Data File Name:	01111430	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	132	U	0.13
Chloromethane	74-87-3	5	25	2.4	132	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53	U	0.05
Bromomethane	74-83-9	5	25	2.4	132	U	0.13
Chloroethane	75-00-3	5	25	2.4	132	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53	U	0.05
Carbon Disulfide	75-15-0	5	25	2.4	132	U	0.13
Acetone	67-64-1	10	50	4.8	264	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.0	53	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
Methylene Chloride	**75-09-2**	2	**214**	**20.6**	**1131**	**B**	**1.13**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53	U	0.05
Chloroform	67-66-3	2	10	1.0	53	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
2-Butanone	**78-93-3**	10	**84**	**8.1**	**444**	**B**	**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53	U	0.05
Benzene	71-43-2	2	10	1.0	53	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	264	U	0.26
2-Hexanone	591-78-6	10	50	4.8	264	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	53	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53	U	0.05
Bromoform	75-25-2	2	10	1.0	53	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53	U	0.05
Toluene	108-88-3	2	10	1.0	53	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	53	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53	U	0.05
Styrene	100-42-5	2	10	1.0	53	U	0.05
m&p Xylene	1330-20-7	4	20	1.9	106	U	0.11
o-Xylene	95-47-6	2	10	1.0	53	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	132	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53	U	0.05
Naphthalene	91-20-3	2	10	1.0	53	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	119	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0846

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.1
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-12	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-19	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	85
Lab Data File Name:	01111431	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	146	U	0.15
Chloromethane	74-87-3	5	25	2.5	146	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	146	U	0.15
Chloroethane	75-00-3	5	25	2.5	146	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	146	U	0.15
Acetone	67-64-1	10	50	5.0	291	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	2	**86**	**8.5**	**501**	**B**	**0.50**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	10	**74**	**7.3**	**431**	**B**	**0.43**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	**71-43-2**	2	**41**	**4.1**	**239**		**0.24**
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	**108-10-1**	10	**6**	**0.6**	**35**	**J**	**0.03**
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	**108-88-3**	2	**5**	**0.5**	**29**	**J**	**0.03**
Chlorobenzene	**108-90-7**	2	**332**	**32.9**	**1934**		**1.93**
Ethyl benzene	**100-41-4**	2	**17**	**1.7**	**99**		**0.10**
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	**1330-20-7**	4	**8**	**0.8**	**47**	**J**	**0.05**
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**690**	**68.3**	**4019**		**4.02**
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	**95-50-1**	2	**51**	**5.0**	**297**		**0.30**
Isopropyl benzene	**98-82-8**	2	**6**	**0.6**	**35**	**J**	**0.03**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	2	**6**	**0.6**	**35**	**J**	**0.03**
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	146	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group.	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-13	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-21	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	87
Lab Data File Name:	01111432	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	139	U	0.14
Chloromethane	74-87-3	5	25	2.4	139	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.4	139	U	0.14
Chloroethane	75-00-3	5	25	2.4	139	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	139	U	0.14
Acetone	67-64-1	10	50	4.9	279	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	**75-09-2**	2	**126**	**12.2**	**703**	**B**	**0.70**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	**78-93-3**	10	**86**	**8.3**	**480**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	279	U	0.28
2-Hexanone	591-78-6	10	50	4.9	279	U	0.28
Tetrachloroethene	**127-18-4**	2	**16**	**1.6**	**89**		**0.09**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	**108-88-3**	2	**9**	**0.9**	**50**	**J**	**0.05**
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	**100-41-4**	2	**17**	**1.7**	**95**		**0.09**
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	**1330-20-7**	4	**66**	**6.4**	**368**		**0.37**
o-Xylene	**95-47-6**	2	**25**	**2.4**	**139**		**0.14**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	**106-46-7**	2	**33**	**3.2**	**184**		**0.18**
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	**95-50-1**	2	**16**	**1.6**	**89**		**0.09**
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	139	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	**91-20-3**	2	**6**	**0.6**	**33**	**J**	**0.03**
1,2,3-Trichlorobenzene	**87-61-6**	2	**9**	**0.9**	**50**	**J**	**0.05**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	116	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0648

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.2
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-14	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-22	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111401	Percent Solids:	90
Lab Data File Name:	01111433	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	136	U	0.14
Chloromethane	74-87-3	5	25	2.5	136	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	54	U	0.05
Bromomethane	74-83-9	5	25	2.5	136	U	0.14
Chloroethane	75-00-3	5	25	2.5	136	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	136	U	0.14
Acetone	67-64-1	10	50	4.9	272	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
Methylene Chloride	**75-09-2**	2	**116**	**11.4**	**632**	**B**	**0.63**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	54	U	0.05
Chloroform	67-66-3	2	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
2-Butanone	**78-93-3**	10	**67**	**6.6**	**365**	**B**	**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	54	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	54	U	0.05
Trichloroethene	**79-01-6**	2	**18**	**1.8**	**98**		**0.10**
Benzene	**71-43-2**	2	**65**	**6.4**	**354**		**0.35**
1,3-Dichloropropane	142-28-9	2	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	**108-10-1**	10	**8**	**0.8**	**44**	**J**	**0.04**
2-Hexanone	591-78-6	10	50	4.9	272	U	0.27
Tetrachloroethene	**127-18-4**	2	**12**	**1.2**	**65**		**0.07**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	54	U	0.05
Bromoform	75-25-2	2	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	54	U	0.05
Toluene	**108-88-3**	2	**10**	**1.0**	**54**	**J**	**0.05**
Chlorobenzene	**108-90-7**	2	**2876**	**282.0**	**15664**	**E**	**15.7**
Ethyl benzene	**100-41-4**	2	**126**	**12.4**	**686**		**0.69**
Styrene	100-42-5	2	10	1.0	54	U	0.05
m&p Xylene	**1330-20-7**	4	**30**	**2.9**	**163**		**0.16**
o-Xylene	**95-47-6**	2	**9**	**0.9**	**49**	**J**	**0.05**
1,3-Dichlorobenzene	**541-73-1**	2	**32**	**3.1**	**174**		**0.17**
1,4-Dichlorobenzene	**106-46-7**	2	**1751**	**171.7**	**9537**	**E**	**9.54**
n-Butyl benzene	104-51-8	2	10	1.0	54	U	0.05
1,2-Dichlorobenzene	**95-50-1**	2	**145**	**14.2**	**790**		**0.79**
Isopropyl benzene	98-82-8	2	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2	10	1.0	54	U	0.05
n-Propylbenzene	**103-65-1**	2	**6**	**0.6**	**33**	**J**	**0.03**
2-Chlorotoluene	95-49-8	2	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	54	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	136	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	54	U	0.05
Hexachlorobutadiene	**87-68-3**	2	**37**	**3.6**	**202**		**0.20**
Naphthalene	**91-20-3**	2	**6**	**0.6**	**33**	**J**	**0.03**
1,2,3-Trichlorobenzene	**87-61-6**	2	**18**	**1.8**	**98**		**0.10**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.2
Lab Delivery Group:	URS111401	Lab Prep Date.	11/14/01
Lab Sample ID:	URS111401-14DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-22	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received.	11/14/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type.	F	Dilution Factor:	500
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	90
Lab Data File Name:	01111515	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	1362	U	1.36
Chloromethane	74-87-3	5	25	2.5	1362	U	1.36
Vinyl Chloride	75-01-4	2	10	1.0	545	U	0.54
Bromomethane	74-83-9	5	25	2.5	1362	U	1.36
Chloroethane	75-00-3	5	25	2.5	1362	U	1.36
Trichlorofluoromethane	75-69-4	2	10	1.0	545	U	0.54
Carbon Disulfide	75-15-0	5	25	2.5	1362	U	1.36
Acetone	67-64-1	10	50	4.9	2723	U	2 72
1,1-Dichloroethene	75-35-4	2	10	1.0	545	U	0.54
1,1-Dichloroethane	107-06-2	2	10	1.0	545	U	0.54
Methylene Chloride	**75-09-2**	2	**151**	**14.8**	**8198**	**B**	**8.20**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	545	U	0.54
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	545	U	0.54
2,2-Dichloropropane	590-20-7	2	10	1.0	545	U	0.54
Bromochloromethane	74-97-5	2	10	1.0	545	U	0.54
Chloroform	67-66-3	2	10	1.0	545	U	0.54
1,2-Dichloroethane	107-06-2	2	10	1.0	545	U	0.54
2-Butanone	**78-93-3**	10	**25**	**2.5**	**1362**	**J**	**1.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	545	U	0.54
2-Chloroethylvinyl ether		2	10	1.0	545	U	0.54
Carbon tetrachloride	56-15-0	2	10	1.0	545	U	0.54
1,1-Dichloropropene	563-58-6	2	10	1.0	545	U	0.54
1,2-Dichloropropane	78-87-5	2	10	1.0	545	U	0.54
Bromodichloromethane	75-27-4	2	10	1.0	545	U	0.54
Dibromomethane	75-95-3	2	10	1.0	545	U	0.54
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	545	U	0.54
Trichloroethene	**79-01-6**	2	**9**	**0.9**	**490**	**J**	**0.49**
Benzene	**71-43-2**	2	**35**	**3.4**	**1906**		**1.91**
1,3-Dichloropropane	142-28-9	2	10	1.0	545	U	0.54
Dibromochloromethane	124-48-1	2	10	1.0	545	U	0.54
1,2-Dibromoethane	106-93-4	2	10	1.0	545	U	0.54
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	545	U	0.54
1,1,2-Trichloroethane	79-00-5	2	10	1.0	545	U	0.54
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	2723	U	2.72
2-Hexanone	591-78-6	10	50	4.9	2723	U	2.72
Tetrachloroethene	**127-18-4**	2	**12**	**1.2**	**654**		**0.65**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	545	U	0.54
Bromoform	75-25-2	2	10	1.0	545	U	0.54
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	545	U	0.54
Toluene	**108-88-3**	2	**9**	**0.9**	**490**	**J**	**0.49**
Chlorobenzene	**108-90-7**	2	**1017**	**99.7**	**55392**		**55.4**
Ethyl benzene	**100-41-4**	2	**77**	**7.5**	**4194**		**4.19**
Styrene	100-42-5	2	10	1.0	545	U	0.54
m&p Xylene	**1330-20-7**	4	**24**	**2.4**	**1307**		**1.31**
o-Xylene	**95-47-6**	2	**8**	**0.8**	**436**	**J**	**0.44**
1,3-Dichlorobenzene	**541-73-1**	2	**12**	**1.2**	**654**		**0.65**
1,4-Dichlorobenzene	**106-46-7**	2	**518**	**50.8**	**28214**		**28.2**
n-Butyl benzene	104-51-8	2	10	1.0	545	U	0.54
1,2-Dichlorobenzene	**95-50-1**	2	**48**	**4.7**	**2614**		**2.61**
Isopropyl benzene	**98-82-8**	2	**5**	**0.5**	**272**	**J**	**0.27**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	545	U	0.54
Bromobenzene	108-86-1	2	10	1.0	545	U	0.54
n-Propylbenzene	103-65-1	2	10	1.0	545	U	0.54
2-Chlorotoluene	95-49-8	2	10	1.0	545	U	0.54
4-Chlorotoluene	106-43-4	2	10	1.0	545	U	0.54
1,3,5-Trimethylbenzene	**108-67-8**	2	**5**	**0.5**	**278**	**J**	**0.28**
tert-Butylbenzene	98-06-6	2	10	1.0	545	U	0.54
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	545	U	0.54
sec-Butylbenzene	135-98-8	2	10	1.0	545	U	0.54
p-Isopropyltoluene	99-82-8	2	10	1.0	545	U	0.54
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	1362	U	1.36
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	545	U	0.54
Hexachlorobutadiene	87-68-3	2	10	1.0	545	U	0.54
Naphthalene	**91-20-3**	2	**7**	**0.7**	**387**	**J**	**0.39**
1,2,3-Trichlorobenzene	**87-61-6**	2	**7**	**0.7**	**381**	**J**	**0.38**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.4
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-32	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	86
Lab Data File Name:	01111434	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	140	U	0.14
Chloromethane	74-87-3	5	25	2.4	140	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.4	140	U	0.14
Chloroethane	75-00-3	5	25	2.4	140	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	140	U	0.14
Acetone	67-64-1	10	50	4.8	280	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	**75-09-2**	2	**63**	**6.1**	**352**	**B**	**0.35**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	**78-93-3**	10	**55**	**5.3**	**307**	**B**	**0.31**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	**71-43-2**	2	**632**	**60.8**	**3533**		**3.53**
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	280	U	0.28
2-Hexanone	**591-78-6**	10	**736**	**70.8**	**4114**		**4.11**
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	**108-88-3**	2	**74**	**7.1**	**414**		**0.41**
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	**100-41-4**	2	**99**	**9.5**	**553**		**0.55**
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	**1330-20-7**	4	**299**	**28.8**	**1672**		**1.67**
o-Xylene	**95-47-6**	2	**126**	**12.1**	**704**		**0.70**
1,3-Dichlorobenzene	**541-73-1**	2	**7**	**0.7**	**39**	**J**	**0.04**
1,4-Dichlorobenzene	**106-46-7**	2	**34**	**3.2**	**188**		**0.19**
n-Butyl benzene	**104-51-8**	2	**45**	**4.3**	**252**		**0.25**
1,2-Dichlorobenzene	**95-50-1**	2	**61**	**5.9**	**341**		**0.34**
Isopropyl benzene	**98-82-8**	2	**33**	**3.2**	**184**		**0.18**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	**103-65-1**	2	**43**	**4.1**	**240**		**0.24**
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	2	**33**	**3.2**	**184**		**0.18**
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	2	**278**	**26.7**	**1554**		**1.55**
sec-Butylbenzene	**135-98-8**	2	**17**	**1.6**	**95**		**0.10**
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	140	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	**87-68-3**	2	**37**	**3.6**	**207**		**0.21**
Naphthalene	**91-20-3**	2	**23**	**2.2**	**129**		**0.13**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	98	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.4
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-16	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-133	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	97
Lab Data File Name:	01111505	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	124	U	0.12
Chloromethane	74-87-3	5	25	2.4	124	U	0.12
Vinyl Chloride	75-01-4	2	10	1.0	50	U	0.05
Bromomethane	74-83-9	5	25	2.4	124	U	0.12
Chloroethane	75-00-3	5	25	2.4	124	U	0.12
Trichlorofluoromethane	75-69-4	2	10	1.0	50	U	0.05
Carbon Disulfide	75-15-0	5	25	2.4	124	U	0.12
Acetone	**67-64-1**	10	**125**	**12.0**	**620**		**0.62**
1,1-Dichloroethene	75-35-4	2	10	1.0	50	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	50	U	0.05
Methylene Chloride	**75-09-2**	2	**31**	**3.0**	**154**	**B**	**0.15**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	50	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	50	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	50	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	50	U	0.05
Chloroform	67-66-3	2	10	1.0	50	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	50	U	0.05
2-Butanone	**78-93-3**	10	**80**	**7.7**	**397**		**0.40**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	50	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	50	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	50	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	50	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	50	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	50	U	0.05
Dibromomethane	75-95-3	2	10	1.0	50	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	50	U	0.05
Trichloroethene	79-01-6	2	10	1.0	50	U	0.05
Benzene	71-43-2	2	10	1.0	50	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	50	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	50	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	50	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	50	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	50	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	248	U	0.25
2-Hexanone	591-78-6	10	50	4.8	248	U	0.25
Tetrachloroethene	127-18-4	2	10	1.0	50	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	50	U	0.05
Bromoform	75-25-2	2	10	1.0	50	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	50	U	0.05
Toluene	108-88-3	2	10	1.0	50	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	50	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	50	U	0.05
Styrene	100-42-5	2	10	1.0	50	U	0.05
m&p Xylene	1330-20-7	4	20	1.9	99	U	0.10
o-Xylene	95-47-6	2	10	1.0	50	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	50	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	50	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	50	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	50	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	50	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	50	U	0.05
Bromobenzene	108-86-1	2	10	1.0	50	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	50	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	50	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	50	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	50	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	50	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	50	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	50	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	50	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	124	U	0.12
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	50	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	50	U	0.05
Naphthalene	91-20-3	2	10	1.0	50	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	50	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax: 336-634-06-6

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-17	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-144	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	93
Lab Data File Name:	01111506	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	134.4	U	0.13
Chloromethane	74-87-3	5	25	2.5	134.4	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53.8	U	0.05
Bromomethane	74-83-9	5	25	2.5	134.4	U	0.13
Chloroethane	75-00-3	5	25	2.5	134.4	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53.8	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	134.4	U	0.13
Acetone	67-64-1	10	50	5.0	268.8	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	53.8	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53.8	U	0.05
Methylene Chloride	**75-09-2**	2	**146**	**14.6**	**784.9**	**B**	**0.78**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53.8	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53.8	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53.8	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53.8	U	0.05
Chloroform	67-66-3	2	10	1.0	53.8	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53.8	U	0.05
2-Butanone	**78-93-3**	10	**91**	**9.1**	**489.2**		**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53.8	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53.8	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53.8	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53.8	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53.8	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53.8	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53.8	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53.8	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53.8	U	0.05
Benzene	71-43-2	2	10	1.0	53.8	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53.8	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53.8	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53.8	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53.8	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53.8	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	268.8	U	0.27
2-Hexanone	591-78-6	10	50	5.0	268.8	U	0.27
Tetrachloroethene	**127-18-4**	2	**16**	**1.6**	**86.0**		**0.09**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53.8	U	0.05
Bromoform	75-25-2	2	10	1.0	53.8	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53.8	U	0.05
Toluene	108-88-3	2	10	1.0	53.8	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	53.8	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53.8	U	0.05
Styrene	100-42-5	2	10	1.0	53.8	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	107.5	U	0.11
o-Xylene	95-47-6	2	10	1.0	53.8	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53.8	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53.8	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53.8	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53.8	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53.8	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53.8	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53.8	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53.8	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53.8	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53.8	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53.8	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53.8	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53.8	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53.8	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53.8	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	134.4	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53.8	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53.8	U	0.05
Naphthalene	91-20-3	2	10	1.0	53.8	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53.8	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-18	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-145	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	88
Lab Data File Name:	01111507	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142.0	U	0.14
Chloromethane	74-87-3	5	25	2.5	142.0	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56.8	U	0.06
Bromomethane	74-83-9	5	25	2.5	142.0	U	0.14
Chloroethane	75-00-3	5	25	2.5	142.0	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56.8	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142.0	U	0.14
Acetone	67-64-1	10	50	5.0	284.1	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	56.8	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56.8	U	0.06
Methylene Chloride	**75-09-2**	2	**156**	**15.6**	**886.4**	**B**	**0.89**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56.8	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56.8	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56.8	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56.8	U	0.06
Chloroform	67-66-3	2	10	1.0	56.8	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56.8	U	0.06
2-Butanone	**78-93-3**	10	**99**	**9.9**	**562.5**		**0.56**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56.8	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56.8	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56.8	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56.8	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56.8	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56.8	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56.8	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56.8	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56.8	U	0.06
Benzene	71-43-2	2	10	1.0	56.8	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56.8	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56.8	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56.8	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56.8	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56.8	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284.1	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284.1	U	0.28
Tetrachloroethene	**127-18-4**	2	**6**	**0.6**	**34.1**	**J**	**0.03**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56.8	U	0.06
Bromoform	75-25-2	2	10	1.0	56.8	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56.8	U	0.06
Toluene	108-88-3	2	10	1.0	56.8	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	56.8	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	56.8	U	0.06
Styrene	100-42-5	2	10	1.0	56.8	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	113.6	U	0.11
o-Xylene	95-47-6	2	10	1.0	56.8	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56.8	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	56.8	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	56.8	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	56.8	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	56.8	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56.8	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56.8	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56.8	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56.8	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56.8	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56.8	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56.8	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56.8	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56.8	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56.8	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142.0	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56.8	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56.8	U	0.06
Naphthalene	91-20-3	2	10	1.0	56.8	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	56.8	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1916 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0648

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-19	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-150	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	84
Lab Data File Name:	01111508	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	149	U	0.15
Chloromethane	74-87-3	5	25	2.5	149	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.5	149	U	0.15
Chloroethane	75-00-3	5	25	2.5	149	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	149	U	0.15
Acetone	67-64-1	10	50	5.0	298	U	0.30
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	2	**139**	**13.9**	**827**	**B**	**0.83**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	10	**83**	**8.3**	**494**		**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	298	U	0.30
2-Hexanone	591-78-6	10	50	5.0	298	U	0.30
Tetrachloroethene	**127-18-4**	2	**8**	**0.8**	**48**	**J**	**0.05**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	108-88-3	2	10	1.0	60	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	119	U	0.12
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	149	U	0.15
1,2,4-Trichlorobenzene	**120-82-1**	2	**6**	**0.6**	**36**	**J**	**0.04**
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	91-20-3	2	10	1.0	60	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax: 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	10
Lab Delivery Group	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-20	Prep Method 1.	SW5035
Field Sample ID.	GCMS-Q-151	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	88
Lab Data File Name:	01111509	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	50	5.0	284	U	0.28
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	2	**141**	**14.1**	**801**	**B**	**0.80**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	10	**91**	**9.1**	**517**		**0.52**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	284	U	0.28
2-Hexanone	591-78-6	10	50	5.0	284	U	0.28
Tetrachloroethene	**127-18-4**	2	**6**	**0.6**	**34**	**J**	**0.03**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	**87-68-3**	2	**6**	**0.6**	**34**	**J**	**0.03**
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10.6
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-21	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-156	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	82
Lab Data File Name:	01111510	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	144	U	0.14
Chloromethane	74-87-3	5	25	2.4	144	U	0.14
Vinyl Chloride	75-01-4	2	10	0.9	58	U	0.06
Bromomethane	74-83-9	5	25	2.4	144	U	0.14
Chloroethane	75-00-3	5	25	2.4	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	0.9	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	144	U	0.14
Acetone	67-64-1	10	50	4.7	288	U	0.29
1,1-Dichloroethene	75-35-4	2	10	0.9	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	0.9	58	U	0.06
Methylene Chloride	**75-09-2**	2	**141**	**13.3**	**811**	**B**	**0.81**
trans-1,2-Dichloroethene	156-60-5	2	10	0.9	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	0.9	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	0.9	58	U	0.06
Bromochloromethane	74-97-5	2	10	0.9	58	U	0.06
Chloroform	67-66-3	2	10	0.9	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	0.9	58	U	0.06
2-Butanone	**78-93-3**	10	**86**	**8.1**	**495**		**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	0.9	58	U	0.06
2-Chloroethylvinyl ether		2	10	0.9	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	0.9	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	0.9	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	0.9	58	U	0.06
Bromodichloromethane	75-27-4	2	10	0.9	58	U	0.06
Dibromomethane	75-95-3	2	10	0.9	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	0.9	58	U	0.06
Trichloroethene	79-01-6	2	10	0.9	58	U	0.06
Benzene	71-43-2	2	10	0.9	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	0.9	58	U	0.06
Dibromochloromethane	124-48-1	2	10	0.9	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	0.9	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	0.9	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	0.9	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.7	288	U	0.29
2-Hexanone	591-78-6	10	50	4.7	288	U	0.29
Tetrachloroethene	127-18-4	2	10	0.9	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	0.9	58	U	0.06
Bromoform	75-25-2	2	10	0.9	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	0.9	58	U	0.06
Toluene	108-88-3	2	10	0.9	58	U	0.06
Chlorobenzene	108-90-7	2	10	0.9	58	U	0.06
Ethyl benzene	100-41-4	2	10	0.9	58	U	0.06
Styrene	100-42-5	2	10	0.9	58	U	0.06
m&p Xylene	1330-20-7	4	20	1.9	115	U	0.12
o-Xylene	95-47-6	2	10	0.9	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	0.9	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	0.9	58	U	0.06
n-Butyl benzene	104-51-8	2	10	0.9	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	0.9	58	U	0.06
Isopropyl benzene	98-82-8	2	10	0.9	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	0.9	58	U	0.06
Bromobenzene	108-86-1	2	10	0.9	58	U	0.06
n-Propylbenzene	103-65-1	2	10	0.9	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	0.9	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	0.9	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	0.9	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	0.9	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	0.9	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	0.9	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	0.9	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	0.9	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	0.9	58	U	0.06
Naphthalene	91-20-3	2	10	0.9	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	0.9	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0846

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount.	10
Lab Delivery Group:	URS111401	Lab Prep Date.	11/14/01
Lab Sample ID:	URS111401-22	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-157	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received:	11/14/01	Result Type.	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	93
Lab Data File Name:	01111511	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	134	U	0.13
Chloromethane	74-87-3	5	25	2.5	134	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	54	U	0.05
Bromomethane	74-83-9	5	25	2.5	134	U	0.13
Chloroethane	75-00-3	5	25	2.5	134	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	134	U	0.13
Acetone	67-64-1	10	50	5.0	269	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
Methylene Chloride	**75-09-2**	2	**158**	**15.8**	**849**	**B**	**0.85**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	54	U	0.05
Chloroform	67-66-3	2	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
2-Butanone	**78-93-3**	10	**78**	**7.8**	**419**		**0.42**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	54	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	54	U	0.05
Trichloroethene	79-01-6	2	10	1.0	54	U	0.05
Benzene	71-43-2	2	10	1.0	54	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	269	U	0.27
2-Hexanone	591-78-6	10	50	5.0	269	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	54	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	54	U	0.05
Bromoform	75-25-2	2	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	54	U	0.05
Toluene	108-88-3	2	10	1.0	54	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	54	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	54	U	0.05
Styrene	100-42-5	2	10	1.0	54	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	108	U	0.11
o-Xylene	95-47-6	2	10	1.0	54	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	54	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	54	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	54	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	54	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2	10	1.0	54	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	54	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	54	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	134	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	54	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	54	U	0.05
Naphthalene	91-20-3	2	10	1.0	54	U	0.05
1,2,3-Trichlorobenzene	**87-61-6**	2	**5**	**0.5**	**27**	**J**	**0.03**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-23	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-158	Lab Analysis Date:	11/15/01
Date Sample Collected:	11/14/01	Data File :	
Date Sample Received.	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111401	Percent Solids:	91
Lab Data File Name:	01111512	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	137	U	0.14
Chloromethane	74-87-3	5	25	2.5	137	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.05
Bromomethane	74-83-9	5	25	2.5	137	U	0.14
Chloroethane	75-00-3	5	25	2.5	137	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	137	U	0.14
Acetone	67-64-1	10	50	5.0	275	U	0.27
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
Methylene Chloride	**75-09-2**	2	**152**	**15.2**	**835**	**B**	**0.84**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.05
Chloroform	67-66-3	2	10	1.0	55	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.05
2-Butanone	**78-93-3**	10	**85**	**8.5**	**467**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.05
Dibromomethane	75-95-3	2	10	1.0	55	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.05
Trichloroethene	79-01-6	2	10	1.0	55	U	0.05
Benzene	71-43-2	2	10	1.0	55	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	275	U	0.27
2-Hexanone	591-78-6	10	50	5.0	275	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.05
Bromoform	75-25-2	2	10	1.0	55	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.05
Toluene	108-88-3	2	10	1.0	55	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.05
Styrene	100-42-5	2	10	1.0	55	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.05
Bromobenzene	108-86-1	2	10	1.0	55	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	137	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.05
Naphthalene	91-20-3	2	10	1.0	55	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	100	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst **Date** **Review** **Date**

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax. 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-01	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-47	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	84
Laboratory Data File:	01111516	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	148	U	0.15
Chloromethane	74-87-3	5	25	2.5	148	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	25	2.5	148	U	0.15
Chloroethane	75-00-3	5	25	2.5	148	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	148	U	0.15
Acetone	**67-64-1**	**10**	**174**	**17.4**	**1030**	**B**	**1.03**
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	**2**	**224**	**22.4**	**1327**	**B**	**1.33**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	**10**	**11**	**1.1**	**63**	**B**	**0.06**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	296	U	0.30
2-Hexanone	591-78-6	10	50	5.0	296	U	0.30
Tetrachloroethene	**127-18-4**	**2**	**11**	**1.1**	**63**		**0.06**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	75-25-2	2	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	59	U	0.06
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	59	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	148	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	116	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

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Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-48	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	87
Laboratory Data File:	01111517	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	144	U	0.14
Chloromethane	74-87-3	5	25	2.5	144	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	144	U	0.14
Chloroethane	75-00-3	5	25	2.5	144	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	144	U	0.14
Acetone	67-64-1	10	10	1.0	57	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	**2**	**193**	**19.3**	**1107**	**B**	**1.11**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	**10**	**87**	**8.7**	**503**	**B**	**0.50**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	287	U	0.29
2-Hexanone	591-78-6	10	50	5.0	287	U	0.29
Tetrachloroethene	**127-18-4**	**2**	**5**	**0.5**	**30**	**J**	**0.03**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	108-88-3	2	10	1.0	57	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	57	U	0.06
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	144	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

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SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-49	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	84
Laboratory Data File:	01111518	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	149	U	0.15
Chloromethane	74-87-3	5	25	2.5	149	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.5	149	U	0.15
Chloroethane	75-00-3	5	25	2.5	149	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	149	U	0.15
Acetone	67-64-1	10	10	1.0	60	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	**2**	**135**	**13.5**	**802**	**B**	**0.80**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	**10**	**78**	**7.8**	**466**	**B**	**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	298	U	0.30
2-Hexanone	591-78-6	10	50	5.0	298	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	108-88-3	2	10	1.0	60	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	60	U	0.06
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	149	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	**91-20-3**	**2**	**34**	**3.4**	**205**		**0.21**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	105	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

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SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-53	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	85
Laboratory Data File:	01111519	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	143	U	0.14
Chloromethane	74-87-3	5	25	2.4	143	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.4	143	U	0.14
Chloroethane	75-00-3	5	25	2.4	143	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	143	U	0.14
Acetone	67-64-1	10	10	1.0	57	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	**2**	**233**	**22.6**	**1331**	**B**	**1.33**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	**10**	**115**	**11.2**	**659**	**B**	**0.66**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	286	U	0.29
2-Hexanone	591-78-6	10	50	4.9	286	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	57	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	**108-88-3**	**2**	**5**	**0.5**	**30**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	57	U	0.06
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**7**	**0.7**	**41**	**J**	**0.04**
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	143	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	**91-20-3**	**2**	**24**	**2.3**	**137**		**0.14**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	88	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1915 Pickwell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-54	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	87
Laboratory Data File:	01111520	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	139	U	0.14
Chloromethane	74-87-3	5	25	2.4	139	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	56	U	0.06
Bromomethane	74-83-9	5	25	2.4	139	U	0.14
Chloroethane	75-00-3	5	25	2.4	139	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	56	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	139	U	0.14
Acetone	67-64-1	10	10	1.0	56	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	56	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
Methylene Chloride	**75-09-2**	**2**	**178**	**17.3**	**996**	**B**	**1.00**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	56	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	56	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	56	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	56	U	0.06
Chloroform	67-66-3	2	10	1.0	56	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	56	U	0.06
2-Butanone	**78-93-3**	**10**	**88**	**8.5**	**490**	**B**	**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	56	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	56	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	56	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	56	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	56	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	56	U	0.06
Dibromomethane	75-95-3	2	10	1.0	56	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	56	U	0.06
Trichloroethene	79-01-6	2	10	1.0	56	U	0.06
Benzene	71-43-2	2	10	1.0	56	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	56	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	56	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	56	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	56	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	56	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	279	U	0.28
2-Hexanone	591-78-6	10	50	4.9	279	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	56	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	56	U	0.06
Bromoform	75-25-2	2	10	1.0	56	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	56	U	0.06
Toluene	108-88-3	2	10	1.0	56	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	56	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	56	U	0.06
Styrene	100-42-5	2	10	1.0	56	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	56	U	0.06
o-Xylene	95-47-6	2	10	1.0	56	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	56	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	56	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	56	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	56	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	56	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	56	U	0.06
Bromobenzene	108-86-1	2	10	1.0	56	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	56	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	56	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	56	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	56	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	56	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	56	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	56	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	56	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	139	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	56	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	56	U	0.06
Naphthalene	**91-20-3**	**2**	**51**	**5.0**	**287**		**0.29**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	56	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-55	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	83
Laboratory Data File:	01111525	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	151	U	0.15
Chloromethane	74-87-3	5	25	2.5	151	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.5	151	U	0.15
Chloroethane	75-00-3	5	25	2.5	151	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	151	U	0.15
Acetone	67-64-1	10	10	1.0	60	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	**2**	**507**	**50.7**	**3056**	**B**	**3.06**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	**10**	**92**	**9.2**	**554**	**B**	**0.55**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	71-43-2	2	10	1.0	60	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	301	U	0.30
2-Hexanone	591-78-6	10	50	5.0	301	U	0.30
Tetrachloroethene	127-18-4	2	10	1.0	60	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	**108-88-3**	**2**	**12**	**1.2**	**70**		**0.07**
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	60	U	0.06
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	60	U	0.06
o-Xylene	95-47-6	2	10	1.0	60	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	60	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	60	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	60	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	60	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	60	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	60	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	60	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	151	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	60	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	91-20-3	2	10	1.0	60	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	60	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	92	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	12	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1915 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-07	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-59	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	80
Laboratory Data File:	01111526	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	156	U	0.16
Chloromethane	74-87-3	5	25	2.5	156	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	25	2.5	156	U	0.16
Chloroethane	75-00-3	5	25	2.5	156	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	156	U	0.16
Acetone	67-64-1	10	10	1.0	63	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	**2**	**545**	**54.5**	**3409**	**B**	**3.41**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	**10**	**86**	**8.6**	**538**	**B**	**0.54**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	313	U	0.31
2-Hexanone	591-78-6	10	50	5.0	313	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	**108-88-3**	**2**	**13**	**1.3**	**83**		**0.08**
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	63	U	0.06
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	156	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.2
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-60	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	78
Laboratory Data File:	01111527	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	158	U	0.16
Chloromethane	74-87-3	5	25	2.5	158	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	25	2.5	158	U	0.16
Chloroethane	75-00-3	5	25	2.5	158	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	158	U	0.16
Acetone	67-64-1	10	10	1.0	63	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	**2**	**566**	**55.5**	**3569**	**B**	**3.57**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	**10**	**76**	**7.5**	**481**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	315	U	0.32
2-Hexanone	591-78-6	10	50	4.9	315	U	0.32
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	**108-88-3**	**2**	**11**	**1.1**	**69**		**0.07**
Chlorobenzene	**108-90-7**	**2**	**6**	**0.6**	**39**	**J**	**0.04**
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	63	U	0.06
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	158	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrel Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-65	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	81
Laboratory Data File:	01111528	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	150	U	0.15
Chloromethane	74-87-3	5	25	2.4	150	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.4	150	U	0.15
Chloroethane	75-00-3	5	25	2.4	150	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	150	U	0.15
Acetone	67-64-1	10	10	1.0	60	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	**2**	**537**	**52.2**	**3228**	**B**	**3.23**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	**10**	**90**	**8.7**	**539**	**B**	**0.54**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	**79-01-6**	**2**	**5**	**0.5**	**33**	**J**	**0.03**
Benzene	**71-43-2**	**2**	**15**	**1.5**	**91**		**0.09**
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	300	U	0.30
2-Hexanone	591-78-6	10	50	4.9	300	U	0.30
Tetrachloroethene	**127-18-4**	**2**	**12**	**1.1**	**70**		**0.07**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	**108-88-3**	**2**	**43**	**4.1**	**256**		**0.26**
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	**100-41-4**	**2**	**595**	**57.8**	**3577**		**3.58**
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	**1330-20-7**	**4**	**1268**	**123.1**	**7618**		**7.62**
o-Xylene	**95-47-6**	**2**	**422**	**41.0**	**2535**		**2.54**
1,3-Dichlorobenzene	**541-73-1**	**2**	**13**	**1.3**	**80**		**0.08**
1,4-Dichlorobenzene	**106-46-7**	**2**	**218**	**21.2**	**1312**		**1.31**
n-Butyl benzene	**104-51-8**	**2**	**359**	**34.8**	**2157**		**2.16**
1,2-Dichlorobenzene	**95-50-1**	**2**	**31**	**3.0**	**187**		**0.19**
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	**103-65-1**	**2**	**272**	**26.4**	**1631**		**1.63**
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**56**	**5.4**	**335**		**0.33**
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**2393**	**232.3**	**14377**	**E**	**14.4**
sec-Butylbenzene	**135-98-8**	**2**	**91**	**8.9**	**548**		**0.55**
p-Isopropyltoluene	99-82-8	2	10	1.0	60	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	150	U	0.15
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**11**	**1.1**	**67**		**0.07**
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	**91-20-3**	**2**	**108**	**10.4**	**647**		**0.65**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**53**	**5.1**	**315**		**0.32**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	119	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID.	URS111501-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-66	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor.	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111501	Percent Solids	84
Laboratory Data File:	01111529	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	149	U	0.15
Chloromethane	74-87-3	5	25	2.5	149	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	60	U	0.06
Bromomethane	74-83-9	5	25	2.5	149	U	0.15
Chloroethane	75-00-3	5	25	2.5	149	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	60	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	149	U	0.15
Acetone	67-64-1	10	10	1.0	60	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	60	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
Methylene Chloride	**75-09-2**	**2**	**589**	**58.9**	**3517**	**B**	**3.52**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	60	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	60	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	60	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	60	U	0.06
Chloroform	67-66-3	2	10	1.0	60	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	60	U	0.06
2-Butanone	**78-93-3**	**10**	**61**	**6.1**	**364**	**B**	**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	60	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	60	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	60	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	60	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	60	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	60	U	0.06
Dibromomethane	75-95-3	2	10	1.0	60	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	60	U	0.06
Trichloroethene	79-01-6	2	10	1.0	60	U	0.06
Benzene	**71-43-2**	**2**	**9**	**0.9**	**54**	**J**	**0.05**
1,3-Dichloropropane	142-28-9	2	10	1.0	60	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	60	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	60	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	60	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	60	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	299	U	0.30
2-Hexanone	591-78-6	10	50	5.0	299	U	0.30
Tetrachloroethene	**127-18-4**	**2**	**6**	**0.6**	**36**	**J**	**0.04**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	60	U	0.06
Bromoform	75-25-2	2	10	1.0	60	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	60	U	0.06
Toluene	**108-88-3**	**2**	**27**	**2.7**	**164**		**0.16**
Chlorobenzene	108-90-7	2	10	1.0	60	U	0.06
Ethyl benzene	**100-41-4**	**2**	**48**	**4.8**	**286**		**0.29**
Styrene	100-42-5	2	10	1.0	60	U	0.06
m&p Xylene	**1330-20-7**	**4**	**63**	**6.3**	**378**		**0.38**
o-Xylene	**95-47-6**	**2**	**56**	**5.6**	**334**		**0.33**
1,3-Dichlorobenzene	**541-73-1**	**2**	**6**	**0.6**	**35**	**J**	**0.04**
1,4-Dichlorobenzene	106-46-7	2	10	1.0	60	U	0.06
n-Butyl benzene	**104-51-8**	**2**	**12**	**1.2**	**73**		**0.07**
1,2-Dichlorobenzene	**95-50-1**	**2**	**6**	**0.6**	**34**	**J**	**0.03**
Isopropyl benzene	98-82-8	2	10	1.0	60	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	60	U	0.06
Bromobenzene	108-86-1	2	10	1.0	60	U	0.06
n-Propylbenzene	**103-65-1**	**2**	**272**	**27.2**	**1622**		**1.62**
2-Chlorotoluene	95-49-8	2	10	1.0	60	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	60	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**10**	**1.0**	**58**	**J**	**0.06**
tert-Butylbenzene	98-06-6	2	10	1.0	60	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**50**	**5.0**	**296**		**0.30**
sec-Butylbenzene	**135-98-8**	**2**	**11**	**1.1**	**69**		**0.07**
p-Isopropyltoluene	**99-82-8**	**2**	**8**	**0.8**	**48**	**J**	**0.05**
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	149	U	0.15
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**33**	**3.3**	**195**		**0.19**
Hexachlorobutadiene	87-68-3	2	10	1.0	60	U	0.06
Naphthalene	**91-20-3**	**2**	**11**	**1.1**	**67**		**0.07**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**62**	**6.2**	**369**		**0.37**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	99	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	112	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0676

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID	URS111501-11	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-164	Prep Method 2:	
Date Sample Collected.	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	80
Laboratory Data File:	01111530	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	156	U	0.16
Chloromethane	74-87-3	5	25	2.5	156	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	25	2.5	156	U	0.16
Chloroethane	75-00-3	5	25	2.5	156	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	156	U	0.16
Acetone	67-64-1	10	10	1.0	63	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	**2**	**313**	**31.3**	**1958**	**B**	**1.96**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	**10**	**49**	**4.9**	**309**	**B**	**0.31**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	313	U	0.31
2-Hexanone	591-78-6	10	50	5.0	313	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	108-88-3	2	10	1.0	63	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	63	U	0.06
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	156	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	117	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-12	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-165	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	82
Laboratory Data File:	01111531	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	153	U	0.15
Chloromethane	74-87-3	5	25	2.5	153	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	61	U	0.06
Bromomethane	74-83-9	5	25	2.5	153	U	0.15
Chloroethane	75-00-3	5	25	2.5	153	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	61	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	153	U	0.15
Acetone	67-64-1	10	10	1.0	61	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	61	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
Methylene Chloride	**75-09-2**	**2**	**516**	**51.6**	**3151**	**B**	**3.15**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	61	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	61	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	61	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	61	U	0.06
Chloroform	67-66-3	2	10	1.0	61	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	61	U	0.06
2-Butanone	**78-93-3**	**10**	**73**	**7.3**	**448**	**B**	**0.45**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	61	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	61	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	61	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	61	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	61	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	61	U	0.06
Dibromomethane	75-95-3	2	10	1.0	61	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	61	U	0.06
Trichloroethene	79-01-6	2	10	1.0	61	U	0.06
Benzene	**71-43-2**	**2**	**9**	**0.9**	**57**	**J**	**0.06**
1,3-Dichloropropane	142-28-9	2	10	1.0	61	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	61	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	61	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	61	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	61	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	306	U	0.31
2-Hexanone	591-78-6	10	50	5.0	306	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	61	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	61	U	0.06
Bromoform	75-25-2	2	10	1.0	61	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	61	U	0.06
Toluene	**108-88-3**	**2**	**7156**	**715.6**	**43741**	**E**	**43.7**
Chlorobenzene	**108-90-7**	**2**	**12**	**1.2**	**73**		**0.07**
Ethyl benzene	100-41-4	2	10	1.0	61	U	0.06
Styrene	**100-42-5**	**2**	**11**	**1.1**	**67**		**0.07**
m&p Xylene	**1330-20-7**	**4**	**203**	**20.3**	**1243**		**1.24**
o-Xylene	**95-47-6**	**2**	**72**	**7.2**	**442**		**0.44**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	61	U	0.06
1,4-Dichlorobenzene	**106-46-7**	**2**	**21**	**2.1**	**128**		**0.13**
n-Butyl benzene	104-51-8	2	10	1.0	61	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	61	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	61	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	61	U	0.06
Bromobenzene	108-86-1	2	10	1.0	61	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	61	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	61	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	61	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	61	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	61	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	61	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	61	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	61	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	153	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	61	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	61	U	0.06
Naphthalene	91-20-3	2	10	1.0	61	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	61	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	105	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	97	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-12DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-165	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5000
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number.	111501	Percent Solids:	82
Laboratory Data File:	01111531	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	15281	U	15.3
Chloromethane	74-87-3	5	25	2.5	15281	U	15.3
Vinyl Chloride	75-01-4	2	10	1.0	6112	U	6.1
Bromomethane	74-83-9	5	25	2.5	15281	U	15 3
Chloroethane	75-00-3	5	25	2.5	15281	U	15.3
Trichlorofluoromethane	75-69-4	2	10	1.0	6112	U	6.1
Carbon Disulfide	75-15-0	5	25	2.5	15281	U	15.3
Acetone	67-64-1	10	10	1.0	6112	U	6.1
1,1-Dichloroethene	75-35-4	2	10	1.0	6112	U	6.1
1,1-Dichloroethane	107-06-2	2	10	1.0	6112	U	6.1
Methylene Chloride	**75-09-2**	**2**	**95**	**9.5**	**58068**	**B**	**58.1**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	6112	U	6.1
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	6112	U	6.1
2,2-Dichloropropane	590-20-7	2	10	1.0	6112	U	6.1
Bromochloromethane	74-97-5	2	10	1.0	6112	U	6.1
Chloroform	67-66-3	2	10	1.0	6112	U	6.1
1,2-Dichloroethane	107-06-2	2	10	1.0	6112	U	6.1
2-Butanone	**78-93-3**	**10**	**10**	**1.0**	**6112**	**B**	**6.1**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	6112	U	6.1
2-Chloroethylvinyl ether		2	10	1.0	6112	U	6.1
Carbon tetrachloride	56-15-0	2	10	1.0	6112	U	6.1
1,1-Dichloropropene	563-58-6	2	10	1.0	6112	U	6.1
1,2-Dichloropropane	78-87-5	2	10	1.0	6112	U	6.1
Bromodichloromethane	75-27-4	2	10	1.0	6112	U	6.1
Dibromomethane	75-95-3	2	10	1.0	6112	U	6.1
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	6112	U	6.1
Trichloroethene	79-01-6	2	10	1.0	6112	U	6.1
Benzene	71-43-2	2	10	1.0	6112	U	6.1
1,3-Dichloropropane	142-28-9	2	10	1.0	6112	U	6.1
Dibromochloromethane	124-48-1	2	10	1.0	6112	U	6.1
1,2-Dibromoethane	106-93-4	2	10	1.0	6112	U	6.1
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	6112	U	6.1
1,1,2-Trichloroethane	79-00-5	2	10	1.0	6112	U	6.1
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	30562	U	30.6
2-Hexanone	591-78-6	10	50	5.0	30562	U	30.6
Tetrachloroethene	127-18-4	2	10	1.0	6112	U	6.1
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	6112	U	6.1
Bromoform	75-25-2	2	10	1.0	6112	U	6.1
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	6112	U	6.1
Toluene	**108-88-3**	**2**	**1831**	**183.1**	**1119193**	**E**	**1119**
Chlorobenzene	108-90-7	2	10	1.0	6112	U	6.1
Ethyl benzene	100-41-4	2	10	1.0	6112	U	6.1
Styrene	100-42-5	2	10	1.0	6112	U	6.1
m&p Xylene	1330-20-7	4	20	2.0	12225	U	12.2
o-Xylene	95-47-6	2	10	1.0	6112	U	6.1
1,3-Dichlorobenzene	541-73-1	2	10	1.0	6112	U	6.1
1,4-Dichlorobenzene	106-46-7	2	10	1.0	6112	U	6.1
n-Butyl benzene	104-51-8	2	10	1.0	6112	U	6.1
1,2-Dichlorobenzene	95-50-1	2	10	1.0	6112	U	6.1
Isopropyl benzene	98-82-8	2	10	1.0	6112	U	6.1
1,2,3-Trichloropropane	96-18-4	2	10	1.0	6112	U	6.1
Bromobenzene	108-86-1	2	10	1.0	6112	U	6.1
n-Propylbenzene	103-65-1	2	10	1.0	6112	U	6.1
2-Chlorotoluene	95-49-8	2	10	1.0	6112	U	6.1
4-Chlorotoluene	106-43-4	2	10	1.0	6112	U	6.1
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	6112	U	6.1
tert-Butylbenzene	98-06-6	2	10	1.0	6112	U	6.1
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	6112	U	6.1
sec-Butylbenzene	135-98-8	2	10	1.0	6112	U	6.1
p-Isopropyltoluene	99-82-8	2	10	1.0	6112	U	6.1
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	15281	U	15.3
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	6112	U	6.1
Hexachlorobutadiene	87-68-3	2	10	1.0	6112	U	6.1
Naphthalene	91-20-3	2	10	1.0	6112	U	6.1
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	6112	U	6.1

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	112	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID	URS111501-13	Prep Method 1	SW5035
Field Sample ID:	GCMS-Q-166	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	94
Laboratory Data File:	01111532	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	133	U	0.13
Chloromethane	74-87-3	5	25	2.5	133	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	53	U	0.05
Bromomethane	74-83-9	5	25	2.5	133	U	0 13
Chloroethane	75-00-3	5	25	2.5	133	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	53	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	133	U	0.13
Acetone	67-64-1	10	10	1.0	53	U	0.05
1,1-Dichloroethene	75-35-4	2	10	1.0	53	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
Methylene Chloride	**75-09-2**	**2**	**526**	**52.6**	**2801**	**B**	**2.80**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	53	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	53	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	53	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	53	U	0.05
Chloroform	67-66-3	2	10	1.0	53	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	53	U	0.05
2-Butanone	**78-93-3**	**10**	**78**	**7.8**	**415**	**B**	**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	53	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	53	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	53	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	53	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	53	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	53	U	0.05
Dibromomethane	75-95-3	2	10	1.0	53	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	53	U	0.05
Trichloroethene	79-01-6	2	10	1.0	53	U	0.05
Benzene	71-43-2	2	10	1.0	53	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	53	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	53	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	53	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	53	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	53	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	266	U	0.27
2-Hexanone	591-78-6	10	50	5.0	266	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	53	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	53	U	0.05
Bromoform	75-25-2	2	10	1.0	53	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	53	U	0.05
Toluene	**108-88-3**	**2**	**214**	**21.4**	**1139**		**1.14**
Chlorobenzene	108-90-7	2	10	1.0	53	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	53	U	0.05
Styrene	100-42-5	2	10	1.0	53	U	0.05
m&p Xylene	1330-20-7	4	10	1.0	53	U	0.05
o-Xylene	95-47-6	2	10	1.0	53	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	53	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	53	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	53	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	53	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	53	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	53	U	0.05
Bromobenzene	108-86-1	2	10	1.0	53	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	53	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	53	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	53	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	53	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	53	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	53	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	53	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	53	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	133	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	53	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	53	U	0.05
Naphthalene	91-20-3	2	10	1.0	53	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	53	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	115	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

Dl. = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date	11/15/01
Lab Sample ID	URS111501-14	Prep Method 1.	SW5035
Field Sample ID	GCMS-Q-227	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	93
Laboratory Data File:	01111533	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	134	U	0.13
Chloromethane	74-87-3	5	25	2.5	134	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	54	U	0.05
Bromomethane	74-83-9	5	25	2.5	134	U	0.13
Chloroethane	75-00-3	5	25	2.5	134	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	134	U	0.13
Acetone	67-64-1	10	10	1.0	54	U	0.05
1,1-Dichloroethene	75-35-4	2	10	1.0	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
Methylene Chloride	**75-09-2**	**2**	**572**	**57.2**	**3060**	**B**	**3.06**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	54	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	54	U	0.05
Chloroform	67-66-3	2	10	1.0	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	54	U	0.05
2-Butanone	**78-93-3**	**10**	**67**	**6.7**	**357**	**B**	**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	54	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	54	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	54	U	0.05
Dibromomethane	75-95-3	2	10	1.0	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	54	U	0.05
Trichloroethene	79-01-6	2	10	1.0	54	U	0.05
Benzene	71-43-2	2	10	1.0	54	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	54	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	268	U	0.27
2-Hexanone	591-78-6	10	50	5.0	268	U	0.27
Tetrachloroethene	127-18-4	2	10	1.0	54	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	54	U	0.05
Bromoform	75-25-2	2	10	1.0	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	54	U	0.05
Toluene	**108-88-3**	**2**	**63**	**6.3**	**339**		**0.34**
Chlorobenzene	**108-90-7**	**2**	**5**	**0.5**	**27**	**J**	**0.03**
Ethyl benzene	100-41-4	2	10	1.0	54	U	0.05
Styrene	100-42-5	2	10	1.0	54	U	0.05
m&p Xylene	1330-20-7	4	10	1.0	54	U	0.05
o-Xylene	95-47-6	2	10	1.0	54	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	54	U	0.05
1,4-Dichlorobenzene	**106-46-7**	**2**	**7**	**0.7**	**39**	**J**	**0.04**
n-Butyl benzene	104-51-8	2	10	1.0	54	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	54	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	54	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	54	U	0.05
Bromobenzene	108-86-1	2	10	1.0	54	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	54	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	54	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	54	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	54	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	54	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	54	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	134	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	54	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	54	U	0.05
Naphthalene	91-20-3	2	10	1.0	54	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	54	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111501-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-228	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/15/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111501	Percent Solids:	95
Laboratory Data File:	01111534	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	131	U	0.13
Chloromethane	74-87-3	5	25	2.5	131	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	52	U	0.05
Bromomethane	74-83-9	5	25	2.5	131	U	0.13
Chloroethane	75-00-3	5	25	2.5	131	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	52	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	131	U	0.13
Acetone	67-64-1	10	10	1.0	52	U	0.05
1,1-Dichloroethene	75-35-4	2	10	1.0	52	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
Methylene Chloride	**75-09-2**	**2**	**392**	**39.2**	**2055**	**B**	**2.06**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	52	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	52	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	52	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	52	U	0.05
Chloroform	67-66-3	2	10	1.0	52	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
2-Butanone	**78-93-3**	**10**	**75**	**7.5**	**392**	**B**	**0.39**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	52	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	52	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	52	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	52	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	52	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	52	U	0.05
Dibromomethane	75-95-3	2	10	1.0	52	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	52	U	0.05
Trichloroethene	79-01-6	2	10	1.0	52	U	0.05
Benzene	71-43-2	2	10	1.0	52	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	52	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	52	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	52	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	52	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	52	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	262	U	0.26
2-Hexanone	591-78-6	10	50	5.0	262	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	52	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	52	U	0.05
Bromoform	75-25-2	2	10	1.0	52	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	52	U	0.05
Toluene	**108-88-3**	**2**	**89**	**8.9**	**467**		**0.47**
Chlorobenzene	108-90-7	2	10	1.0	52	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	52	U	0.05
Styrene	100-42-5	2	10	1.0	52	U	0.05
m&p Xylene	1330-20-7	4	10	1.0	52	U	0.05
o-Xylene	95-47-6	2	10	1.0	52	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	52	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	52	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	52	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	52	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	52	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	52	U	0.05
Bromobenzene	108-86-1	2	10	1.0	52	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	52	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	52	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	52	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	52	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	52	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	52	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	52	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	52	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	131	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	52	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	52	U	0.05
Naphthalene	91-20-3	2	10	1.0	52	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	52	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.4
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID	URS111501-16	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-223	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	83
Laboratory Data File:	01111608	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	145	U	0.14
Chloromethane	74-87-3	5	25	2.4	145	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.4	145	U	0.14
Chloroethane	75-00-3	5	25	2.4	145	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	145	U	0.14
Acetone	**67-64-1**	**10**	**58**	**5.6**	**336**		**0.34**
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	**2**	**158**	**15.2**	**915**	**B**	**0.92**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	**10**	**73**	**7.0**	**423**		**0.42**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.8	290	U	0.29
2-Hexanone	591-78-6	10	50	4.8	290	U	0.29
Tetrachloroethene	**127-18-4**	**2**	**5**	**0.5**	**29**	**J**	**0.03**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	**108-88-3**	**2**	**6**	**0.6**	**35**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	58	U	0.06
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	58	U	0.06
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	145	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.1
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-17	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-212	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	84
Laboratory Data File:	01111609	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	147	U	0.15
Chloromethane	74-87-3	5	25	2.5	147	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	25	2.5	147	U	0.15
Chloroethane	75-00-3	5	25	2.5	147	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	147	U	0.15
Acetone	67-64-1	10	10	1.0	59	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	**2**	**148**	**14.7**	**872**	**B**	**0.87**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	**10**	**72**	**7.1**	**424**		**0.42**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	295	U	0.29
2-Hexanone	591-78-6	10	50	5.0	295	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	75-25-2	2	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	**108-88-3**	**2**	**5**	**0.5**	**29**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	10	1.0	59	U	0.06
o-Xylene	95-47-6	2	10	1.0	59	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	59	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	59	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	59	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	59	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	59	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	59	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	59	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	59	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	147	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-18	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-102	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	76
Laboratory Data File:	01111614	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	164	U	0.16
Chloromethane	74-87-3	5	25	2.5	164	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	66	U	0.07
Bromomethane	74-83-9	5	25	2.5	164	U	0.16
Chloroethane	75-00-3	5	25	2.5	164	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	66	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	164	U	0.16
Acetone	67-64-1	10	10	1.0	66	U	0.07
1,1-Dichloroethene	75-35-4	2	10	1.0	66	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
Methylene Chloride	**75-09-2**	**2**	**70**	**7.0**	**461**	**B**	**0.46**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	66	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	66	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	66	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	66	U	0.07
Chloroform	67-66-3	2	10	1.0	66	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	66	U	0.07
2-Butanone	**78-93-3**	**10**	**80**	**8.0**	**526**		**0.53**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	66	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	66	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	66	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	66	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	66	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	66	U	0.07
Dibromomethane	75-95-3	2	10	1.0	66	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	66	U	0.07
Trichloroethene	79-01-6	2	10	1.0	66	U	0.07
Benzene	71-43-2	2	10	1.0	66	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	66	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	66	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	66	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	66	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	66	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	329	U	0.33
2-Hexanone	591-78-6	10	50	5.0	329	U	0.33
Tetrachloroethene	127-18-4	2	10	1.0	66	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	66	U	0.07
Bromoform	75-25-2	2	10	1.0	66	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	66	U	0.07
Toluene	**108-88-3**	**2**	**11**	**1.1**	**72**		**0.07**
Chlorobenzene	**108-90-7**	**2**	**90**	**9.0**	**592**		**0.59**
Ethyl benzene	**100-41-4**	**2**	**11**	**1.1**	**72**		**0.07**
Styrene	100-42-5	2	10	1.0	66	U	0.07
m&p Xylene	**1330-20-7**	**4**	**24**	**2.4**	**158**		**0.16**
o-Xylene	**95-47-6**	**2**	**10**	**1.0**	**66**	**J**	**0.07**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	66	U	0.07
1,4-Dichlorobenzene	**106-46-7**	**2**	**88**	**8.8**	**579**		**0.58**
n-Butyl benzene	**104-51-8**	**2**	**7**	**0.7**	**46**	**J**	**0.05**
1,2-Dichlorobenzene	**95-50-1**	**2**	**8**	**0.8**	**53**	**J**	**0.05**
Isopropyl benzene	98-82-8	2	10	1.0	66	U	0.07
1,2,3-Trichloropropane	96-18-4	2	10	1.0	66	U	0.07
Bromobenzene	108-86-1	2	10	1.0	66	U	0.07
n-Propylbenzene	103-65-1	2	10	1.0	66	U	0.07
2-Chlorotoluene	95-49-8	2	10	1.0	66	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	66	U	0.07
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	66	U	0.07
tert-Butylbenzene	98-06-6	2	10	1.0	66	U	0.07
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**10**	**1.0**	**66**	**J**	**0.07**
sec-Butylbenzene	135-98-8	2	10	1.0	66	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	66	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	164	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	66	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	66	U	0.07
Naphthalene	**91-20-3**	**2**	**11**	**1.1**	**72**		**0.07**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	66	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.1
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-19	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-211	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	87
Laboratory Data File:	01111610	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	142	U	0.14
Chloromethane	74-87-3	5	25	2.5	142	U	0.14
Vinyl Chloride	75-01-4	2	10	1.0	57	U	0.06
Bromomethane	74-83-9	5	25	2.5	142	U	0.14
Chloroethane	75-00-3	5	25	2.5	142	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	57	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	142	U	0.14
Acetone	67-64-1	10	10	1.0	57	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	57	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
Methylene Chloride	**75-09-2**	**2**	**109**	**10.8**	**620**	**B**	**0.62**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	57	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	57	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	57	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	57	U	0.06
Chloroform	67-66-3	2	10	1.0	57	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	57	U	0.06
2-Butanone	**78-93-3**	**10**	**72**	**7.1**	**410**		**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	57	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	57	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	57	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	57	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	57	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	57	U	0.06
Dibromomethane	75-95-3	2	10	1.0	57	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	57	U	0.06
Trichloroethene	79-01-6	2	10	1.0	57	U	0.06
Benzene	71-43-2	2	10	1.0	57	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	57	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	57	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	57	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	57	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	57	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	285	U	0.28
2-Hexanone	591-78-6	10	50	5.0	285	U	0.28
Tetrachloroethene	**127-18-4**	**2**	**7**	**0.7**	**40**	**J**	**0.04**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	57	U	0.06
Bromoform	75-25-2	2	10	1.0	57	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	57	U	0.06
Toluene	**108-88-3**	**2**	**5**	**0.5**	**28**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	57	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	57	U	0.06
Styrene	100-42-5	2	10	1.0	57	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	114	U	0.11
o-Xylene	95-47-6	2	10	1.0	57	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	57	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	57	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	57	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	57	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	57	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	57	U	0.06
Bromobenzene	108-86-1	2	10	1.0	57	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	57	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	57	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	57	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	57	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	57	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	57	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	57	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	57	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	142	U	0.14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	57	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	57	U	0.06
Naphthalene	91-20-3	2	10	1.0	57	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	57	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0645

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-20	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-217	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	78
Laboratory Data File:	01111611	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	160	U	0.16
Chloromethane	74-87-3	5	25	2.5	160	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	64	U	0.06
Bromomethane	74-83-9	5	25	2.5	160	U	0.16
Chloroethane	75-00-3	5	25	2.5	160	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	64	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	160	U	0.16
Acetone	**67-64-1**	**10**	**7**	**0.7**	**45**	**J**	**0.04**
1,1-Dichloroethene	75-35-4	2	10	1.0	64	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
Methylene Chloride	**75-09-2**	**2**	**137**	**13.7**	**878**	**B**	**0.88**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	64	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	64	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	64	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	64	U	0.06
Chloroform	67-66-3	2	10	1.0	64	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	64	U	0.06
2-Butanone	**78-93-3**	**10**	**68**	**6.8**	**436**		**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	64	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	64	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	64	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	64	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	64	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	64	U	0.06
Dibromomethane	75-95-3	2	10	1.0	64	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	64	U	0.06
Trichloroethene	79-01-6	2	10	1.0	64	U	0.06
Benzene	71-43-2	2	10	1.0	64	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	64	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	64	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	64	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	64	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	64	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	321	U	0.32
2-Hexanone	591-78-6	10	50	5.0	321	U	0.32
Tetrachloroethene	**127-18-4**	**2**	**6**	**0.6**	**38**	**J**	**0.04**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	64	U	0.06
Bromoform	75-25-2	2	10	1.0	64	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	64	U	0.06
Toluene	**108-88-3**	**2**	**5**	**0.5**	**32**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	64	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	64	U	0.06
Styrene	100-42-5	2	10	1.0	64	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	128	U	0.13
o-Xylene	95-47-6	2	10	1.0	64	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	64	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	64	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	64	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	64	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	64	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	64	U	0.06
Bromobenzene	108-86-1	2	10	1.0	64	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	64	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	64	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	64	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	64	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	64	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	64	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	64	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	64	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	160	U	0.16
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**5**	**0.5**	**32**	**J**	**0.03**
Hexachlorobutadiene	**87-68-3**	**2**	**6**	**0.6**	**38**	**J**	**0.04**
Naphthalene	**91-20-3**	**2**	**7**	**0.7**	**45**	**J**	**0.04**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**5**	**0.5**	**32**	**J**	**0.03**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-21	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-96	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	86
Laboratory Data File:	01111615	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.15
Chloromethane	74-87-3	5	25	2.5	145	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.15
Chloroethane	75-00-3	5	25	2.5	145	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.15
Acetone	67-64-1	10	10	1.0	58	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	**2**	**79**	**7.9**	**459**	**B**	**0.46**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	**10**	**80**	**8.0**	**465**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	71-43-2	2	10	1.0	58	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	291	U	0.29
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	**108-88-3**	**2**	**7**	**0.7**	**41**	**J**	**0.04**
Chlorobenzene	**108-90-7**	**2**	**33**	**3.3**	**192**		**0.19**
Ethyl benzene	**100-41-4**	**2**	**6**	**0.6**	**35**	**J**	**0.03**
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	**1330-20-7**	**4**	**11**	**1.1**	**64**	**J**	**0.06**
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	**106-46-7**	**2**	**10**	**1.0**	**58**	**J**	**0.06**
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.3
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-22	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-204	Prep Method 2.	
Date Sample Collected	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111601	Percent Solids.	88
Laboratory Data File:	01111612	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.4	138	U	0.14
Chloromethane	74-87-3	5	25	2.4	138	U	0 14
Vinyl Chloride	75-01-4	2	10	1.0	55	U	0.06
Bromomethane	74-83-9	5	25	2.4	138	U	0.14
Chloroethane	75-00-3	5	25	2.4	138	U	0.14
Trichlorofluoromethane	75-69-4	2	10	1.0	55	U	0.06
Carbon Disulfide	75-15-0	5	25	2.4	138	U	0.14
Acetone	67-64-1	10	10	1.0	55	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	55	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
Methylene Chloride	**75-09-2**	**2**	**190**	**18.4**	**1048**	**B**	**1.05**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	55	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	55	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	55	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	55	U	0.06
Chloroform	67-66-3	2	10	1.0	55	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	55	U	0.06
2-Butanone	**78-93-3**	**10**	**79**	**7.7**	**436**		**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	55	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	55	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	55	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	55	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	55	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	55	U	0.06
Dibromomethane	75-95-3	2	10	1.0	55	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	55	U	0.06
Trichloroethene	79-01-6	2	10	1.0	55	U	0.06
Benzene	71-43-2	2	10	1.0	55	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	55	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	55	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	55	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	55	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	55	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	4.9	276	U	0.28
2-Hexanone	591-78-6	10	50	4.9	276	U	0.28
Tetrachloroethene	127-18-4	2	10	1.0	55	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	55	U	0.06
Bromoform	75-25-2	2	10	1.0	55	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	55	U	0.06
Toluene	**108-88-3**	**2**	**6**	**0.6**	**33**	**J**	**0.03**
Chlorobenzene	108-90-7	2	10	1.0	55	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	55	U	0.06
Styrene	100-42-5	2	10	1.0	55	U	0.06
m&p Xylene	1330-20-7	4	20	1.9	110	U	0.11
o-Xylene	95-47-6	2	10	1.0	55	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	55	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	55	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	55	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	55	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	55	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	55	U	0.06
Bromobenzene	108-86-1	2	10	1.0	55	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	55	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	55	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	55	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	55	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	55	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	55	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	55	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	55	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.4	138	U	0 14
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	55	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	55	U	0.06
Naphthalene	91-20-3	2	10	1.0	55	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	55	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.7
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-23	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-71	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number:	111601	Percent Solids	86
Laboratory Data File:	01111613	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.3	136	U	0.14
Chloromethane	74-87-3	5	25	2.3	136	U	0.14
Vinyl Chloride	75-01-4	2	10	0.9	54	U	0.05
Bromomethane	74-83-9	5	25	2.3	136	U	0.14
Chloroethane	75-00-3	5	25	2.3	136	U	0.14
Trichlorofluoromethane	75-69-4	2	10	0.9	54	U	0.05
Carbon Disulfide	75-15-0	5	25	2.3	136	U	0.14
Acetone	**67-64-1**	**10**	**20**	**1.9**	**109**		**0.11**
1,1-Dichloroethene	75-35-4	2	10	0.9	54	U	0.05
1,1-Dichloroethane	107-06-2	2	10	0.9	54	U	0.05
Methylene Chloride	**75-09-2**	**2**	**67**	**6.3**	**364**	**B**	**0.36**
trans-1,2-Dichloroethene	156-60-5	2	10	0.9	54	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	0.9	54	U	0.05
2,2-Dichloropropane	590-20-7	2	10	0.9	54	U	0.05
Bromochloromethane	74-97-5	2	10	0.9	54	U	0.05
Chloroform	67-66-3	2	10	0.9	54	U	0.05
1,2-Dichloroethane	107-06-2	2	10	0.9	54	U	0.05
2-Butanone	**78-93-3**	**10**	**97**	**9.1**	**527**		**0.53**
1,1,1-Trichloroethane	71-55-6	2	10	0.9	54	U	0.05
2-Chloroethylvinyl ether		2	10	0.9	54	U	0.05
Carbon tetrachloride	56-15-0	2	10	0.9	54	U	0.05
1,1-Dichloropropene	563-58-6	2	10	0.9	54	U	0.05
1,2-Dichloropropane	78-87-5	2	10	0.9	54	U	0.05
Bromodichloromethane	75-27-4	2	10	0.9	54	U	0.05
Dibromomethane	75-95-3	2	10	0.9	54	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	0.9	54	U	0.05
Trichloroethene	79-01-6	2	10	0.9	54	U	0.05
Benzene	**71-43-2**	**2**	**13**	**1.2**	**71**		**0.07**
1,3-Dichloropropane	142-28-9	2	10	0.9	54	U	0.05
Dibromochloromethane	124-48-1	2	10	0.9	54	U	0.05
1,2-Dibromoethane	106-93-4	2	10	0.9	54	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	0.9	54	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	0.9	54	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	4.7	272	U	0.27
2-Hexanone	**591-78-6**	**10**	**35**	**3.3**	**190**		**0.19**
Tetrachloroethene	**127-18-4**	**2**	**10**	**0.9**	**54**	**J**	**0.05**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	0.9	54	U	0.05
Bromoform	75-25-2	2	10	0.9	54	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	0.9	54	U	0.05
Toluene	**108-88-3**	**2**	**443**	**41.4**	**2407**		**2.41**
Chlorobenzene	**108-90-7**	**2**	**6**	**0.6**	**33**	**J**	**0.03**
Ethyl benzene	**100-41-4**	**2**	**1100**	**102.8**	**5977**		**5.98**
Styrene	100-42-5	2	10	0.9	54	U	0.05
m&p Xylene	**1330-20-7**	**4**	**2129**	**199.0**	**11568**	**E**	**11.6**
o-Xylene	**95-47-6**	**2**	**287**	**26.8**	**1559**		**1.56**
1,3-Dichlorobenzene	541-73-1	2	10	0.9	54	U	0.05
1,4-Dichlorobenzene	**106-46-7**	**2**	**275**	**25.7**	**1494**		**1.49**
n-Butyl benzene	**104-51-8**	**2**	**111**	**10.4**	**603**		**0.60**
1,2-Dichlorobenzene	**95-50-1**	**2**	**28**	**2.6**	**152**		**0.15**
Isopropyl benzene	**98-82-8**	**2**	**35**	**3.3**	**190**		**0.19**
1,2,3-Trichloropropane	96-18-4	2	10	0.9	54	U	0.05
Bromobenzene	108-86-1	2	10	0.9	54	U	0.05
n-Propylbenzene	**103-65-1**	**2**	**239**	**22.3**	**1299**		**1.30**
2-Chlorotoluene	95-49-8	2	10	0.9	54	U	0.05
4-Chlorotoluene	106-43-4	2	10	0.9	54	U	0.05
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**35**	**3.3**	**190**		**0.19**
tert-Butylbenzene	98-06-6	2	10	0.9	54	U	0.05
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**792**	**74.0**	**4303**		**4.30**
sec-Butylbenzene	**135-98-8**	**2**	**40**	**3.7**	**217**		**0.22**
p-Isopropyltoluene	99-82-8	2	10	0.9	54	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.3	136	U	0.14
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**6**	**0.6**	**33**	**J**	**0.03**
Hexachlorobutadiene	87-68-3	2	10	0.9	54	U	0.05
Naphthalene	**91-20-3**	**2**	**45**	**4.2**	**245**		**0.24**
1,2,3-Trichlorobenzene	**87-61-6**	**2**	**18**	**1.7**	**98**		**0.10**

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	102	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	113	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

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Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount.	10.7
Lab Delivery Group:	URS111501	Lab Prep Date	11/16/01
Lab Sample ID:	URS111501-23DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-71	Prep Method 2	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/15/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	86
Laboratory Data File:	01111613	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.3	1358	U	1.36
Chloromethane	74-87-3	5	25	2.3	1358	U	1.36
Vinyl Chloride	75-01-4	2	10	0.9	543	U	0.54
Bromomethane	74-83-9	5	25	2.3	1358	U	1.36
Chloroethane	75-00-3	5	25	2.3	1358	U	1.36
Trichlorofluoromethane	75-69-4	2	10	0.9	543	U	0.54
Carbon Disulfide	75-15-0	5	25	2.3	1358	U	1.36
Acetone	**67-64-1**	**10**	**29**	**2.7**	**1576**	**B**	**1.58**
1,1-Dichloroethene	75-35-4	2	10	0.9	543	U	0.54
1,1-Dichloroethane	107-06-2	2	10	0.9	543	U	0.54
Methylene Chloride	**75-09-2**	**2**	**92**	**8.6**	**4999**	**B**	**5.00**
trans-1,2-Dichloroethene	156-60-5	2	10	0.9	543	U	0.54
cis-1,2-Dichloroethene	156-59-4	2	10	0.9	543	U	0.54
2,2-Dichloropropane	590-20-7	2	10	0.9	543	U	0.54
Bromochloromethane	74-97-5	2	10	0.9	543	U	0.54
Chloroform	67-66-3	2	10	0.9	543	U	0.54
1,2-Dichloroethane	107-06-2	2	10	0.9	543	U	0.54
2-Butanone	**78-93-3**	**10**	**20**	**1.9**	**1087**	**J**	**1.09**
1,1,1-Trichloroethane	71-55-6	2	10	0.9	543	U	0.54
2-Chloroethylvinyl ether		2	10	0.9	543	U	0.54
Carbon tetrachloride	56-15-0	2	10	0.9	543	U	0.54
1,1-Dichloropropene	563-58-6	2	10	0.9	543	U	0.54
1,2-Dichloropropane	78-87-5	2	10	0.9	543	U	0.54
Bromodichloromethane	75-27-4	2	10	0.9	543	U	0.54
Dibromomethane	75-95-3	2	10	0.9	543	U	0.54
cis-1,3-Dichloropropene	10061-01-5	2	10	0.9	543	U	0.54
Trichloroethene	79-01-6	2	10	0.9	543	U	0.54
Benzene	71-43-2	2	10	0.9	543	U	0.54
1,3-Dichloropropane	142-28-9	2	10	0.9	543	U	0.54
Dibromochloromethane	124-48-1	2	10	0.9	543	U	0.54
1,2-Dibromoethane	106-93-4	2	10	0.9	543	U	0.54
trans-1,3-Dichloropropene	10061-02-6	2	10	0.9	543	U	0.54
1,1,2-Trichloroethane	79-00-5	2	10	0.9	543	U	0.54
4-Methyl-2-Pentanone	108-10-1	10	50	4.7	2717	U	2.72
2-Hexanone	591-78-6	10	50	4.7	2717	U	2.72
Tetrachloroethene	127-18-4	2	10	0.9	543	U	0.54
1,1,1,2-Tetrachloroethane	630-20-6	2	10	0.9	543	U	0.54
Bromoform	75-25-2	2	10	0.9	543	U	0.54
1,1,2,2-Tetrachloroethane	79-34-5	2	10	0.9	543	U	0.54
Toluene	**108-88-3**	**2**	**88**	**8.2**	**4782**		**4.78**
Chlorobenzene	108-90-7	2	10	0.9	543	U	0.54
Ethyl benzene	**100-41-4**	**2**	**94**	**8.8**	**5108**		**5.11**
Styrene	100-42-5	2	10	0.9	543	U	0.54
m&p Xylene	**1330-20-7**	**4**	**183**	**17.1**	**9943**		**9.94**
o-Xylene	**95-47-6**	**2**	**25**	**2.3**	**1358**		**1.36**
1,3-Dichlorobenzene	541-73-1	2	10	0.9	543	U	0.54
1,4-Dichlorobenzene	**106-46-7**	**2**	**29**	**2.7**	**1576**		**1.58**
n-Butyl benzene	**104-51-8**	**2**	**10**	**0.9**	**543**	**J**	**0.54**
1,2-Dichlorobenzene	95-50-1	2	10	0.9	543	U	0.54
Isopropyl benzene	98-82-8	2	10	0.9	543	U	0.54
1,2,3-Trichloropropane	96-18-4	2	10	0.9	543	U	0.54
Bromobenzene	108-86-1	2	10	0.9	543	U	0.54
n-Propylbenzene	**103-65-1**	**2**	**23**	**2.1**	**1250**		**1.25**
2-Chlorotoluene	95-49-8	2	10	0.9	543	U	0.54
4-Chlorotoluene	106-43-4	2	10	0.9	543	U	0.54
1,3,5-Trimethylbenzene	108-67-8	2	10	0.9	543	U	0.54
tert-Butylbenzene	**98-06-6**	**2**	**30**	**2.8**	**1630**		**1.63**
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**71**	**6.6**	**3858**		**3.86**
sec-Butylbenzene	135-98-8	2	10	0.9	543	U	0.54
p-Isopropyltoluene	**99-82-8**	**2**	**9**	**0.8**	**489**	**J**	**0.49**
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.3	1358	U	1.36
1,2,4-Trichlorobenzene	120-82-1	2	10	0.9	543	U	0.54
Hexachlorobutadiene	87-68-3	2	10	0.9	543	U	0.54
Naphthalene	91-20-3	2	10	0.9	543	U	0.54
1,2,3-Trichlorobenzene	87-61-6	2	10	0.9	543	U	0.54

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10.1
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-24	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-78	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	74
Laboratory Data File:	01111616	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	167	U	0.17
Chloromethane	74-87-3	5	25	2.5	167	U	0.17
Vinyl Chloride	75-01-4	2	10	1.0	67	U	0.07
Bromomethane	74-83-9	5	25	2.5	167	U	0.17
Chloroethane	75-00-3	5	25	2.5	167	U	0.17
Trichlorofluoromethane	75-69-4	2	10	1.0	67	U	0.07
Carbon Disulfide	75-15-0	5	25	2.5	167	U	0.17
Acetone	67-64-1	10	10	1.0	67	U	0.07
1,1-Dichloroethene	75-35-4	2	10	1.0	67	U	0.07
1,1-Dichloroethane	107-06-2	2	10	1.0	67	U	0.07
Methylene Chloride	**75-09-2**	**2**	**175**	**17.3**	**1171**	**B**	**1.17**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	67	U	0.07
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	67	U	0.07
2,2-Dichloropropane	590-20-7	2	10	1.0	67	U	0.07
Bromochloromethane	74-97-5	2	10	1.0	67	U	0.07
Chloroform	67-66-3	2	10	1.0	67	U	0.07
1,2-Dichloroethane	107-06-2	2	10	1.0	67	U	0.07
2-Butanone	**78-93-3**	**10**	**96**	**9.5**	**642**		**0.64**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	67	U	0.07
2-Chloroethylvinyl ether		2	10	1.0	67	U	0.07
Carbon tetrachloride	56-15-0	2	10	1.0	67	U	0.07
1,1-Dichloropropene	563-58-6	2	10	1.0	67	U	0.07
1,2-Dichloropropane	78-87-5	2	10	1.0	67	U	0.07
Bromodichloromethane	75-27-4	2	10	1.0	67	U	0.07
Dibromomethane	75-95-3	2	10	1.0	67	U	0.07
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	67	U	0.07
Trichloroethene	79-01-6	2	10	1.0	67	U	0.07
Benzene	71-43-2	2	10	1.0	67	U	0.07
1,3-Dichloropropane	142-28-9	2	10	1.0	67	U	0.07
Dibromochloromethane	124-48-1	2	10	1.0	67	U	0.07
1,2-Dibromoethane	106-93-4	2	10	1.0	67	U	0.07
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	67	U	0.07
1,1,2-Trichloroethane	79-00-5	2	10	1.0	67	U	0.07
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	334	U	0.33
2-Hexanone	591-78-6	10	50	5.0	334	U	0.33
Tetrachloroethene	127-18-4	2	10	1.0	67	U	0.07
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	67	U	0.07
Bromoform	75-25-2	2	10	1.0	67	U	0.07
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	67	U	0.07
Toluene	108-88-3	2	10	1.0	67	U	0.07
Chlorobenzene	108-90-7	2	10	1.0	67	U	0.07
Ethyl benzene	**100-41-4**	**2**	**103**	**10.2**	**689**		**0.69**
Styrene	100-42-5	2	10	1.0	67	U	0.07
m&p Xylene	**1330-20-7**	**4**	**161**	**15.9**	**1077**		**1.08**
o-Xylene	**95-47-6**	**2**	**57**	**5.6**	**381**		**0.38**
1,3-Dichlorobenzene	**541-73-1**	**2**	**13**	**1.3**	**87**		**0.09**
1,4-Dichlorobenzene	**106-46-7**	**2**	**19**	**1.9**	**127**		**0.13**
n-Butyl benzene	**104-51-8**	**2**	**7**	**0.7**	**47**	**J**	**0.05**
1,2-Dichlorobenzene	**95-50-1**	**2**	**156**	**15.4**	**1044**		**1.04**
Isopropyl benzene	**98-82-8**	**2**	**61**	**6.0**	**408**		**0.41**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	67	U	0.07
Bromobenzene	108-86-1	2	10	1.0	67	U	0.07
n-Propylbenzene	**103-65-1**	**2**	**24**	**2.4**	**161**		**0.16**
2-Chlorotoluene	95-49-8	2	10	1.0	67	U	0.07
4-Chlorotoluene	106-43-4	2	10	1.0	67	U	0.07
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**61**	**6.0**	**408**		**0.41**
tert-Butylbenzene	98-06-6	2	10	1.0	67	U	0.07
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**5**	**0.5**	**33**	**J**	**0.03**
sec-Butylbenzene	135-98-8	2	10	1.0	67	U	0.07
p-Isopropyltoluene	99-82-8	2	10	1.0	67	U	0.07
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	167	U	0.17
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	67	U	0.07
Hexachlorobutadiene	87-68-3	2	10	1.0	67	U	0.07
Naphthalene	**91-20-3**	**2**	**10**	**1.0**	**67**	**J**	**0.07**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	67	U	0.07

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickren Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0645

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date.	11/16/01
Lab Sample ID	URS111501-25	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-90	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	80
Laboratory Data File:	01111617	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	156	U	0.16
Chloromethane	74-87-3	5	25	2.5	156	U	0.16
Vinyl Chloride	75-01-4	2	10	1.0	63	U	0.06
Bromomethane	74-83-9	5	25	2.5	156	U	0.16
Chloroethane	75-00-3	5	25	2.5	156	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	156	U	0.16
Acetone	67-64-1	10	10	1.0	63	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	**2**	**173**	**17.3**	**1081**	**B**	**1.08**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	**10**	**76**	**7.6**	**475**		**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	313	U	0.31
2-Hexanone	591-78-6	10	50	5.0	313	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	108-88-3	2	10	1.0	63	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	125	U	0.13
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	156	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Raleigh, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount.	10
Lab Delivery Group:	URS111501	Lab Prep Date.	11/16/01
Lab Sample ID:	URS111501-26	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-84	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	80
Laboratory Data File.	01111618	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	156	U	0.16
Chloromethane	74-87-3	5	25	2.5	156	U	0.16
Vinyl Chloride	*75-01-4*	*2*	*10*	*1.0*	*63*	*U*	*0.06*
Bromomethane	74-83-9	5	25	2.5	156	U	0.16
Chloroethane	75-00-3	5	25	2.5	156	U	0.16
Trichlorofluoromethane	75-69-4	2	10	1.0	63	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	156	U	0.16
Acetone	67-64-1	10	10	1.0	63	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	63	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
Methylene Chloride	**75-09-2**	**2**	**189**	**18.9**	**1181**	**B**	**1.18**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	63	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	63	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	63	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	63	U	0.06
Chloroform	67-66-3	2	10	1.0	63	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	63	U	0.06
2-Butanone	**78-93-3**	**10**	**70**	**7.0**	**438**		**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	63	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	63	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	63	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	63	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	63	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	63	U	0.06
Dibromomethane	75-95-3	2	10	1.0	63	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	63	U	0.06
Trichloroethene	79-01-6	2	10	1.0	63	U	0.06
Benzene	71-43-2	2	10	1.0	63	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	63	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	63	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	63	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	63	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	63	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	313	U	0.31
2-Hexanone	591-78-6	10	50	5.0	313	U	0.31
Tetrachloroethene	127-18-4	2	10	1.0	63	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	63	U	0.06
Bromoform	75-25-2	2	10	1.0	63	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	63	U	0.06
Toluene	108-88-3	2	10	1.0	63	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	63	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	63	U	0.06
Styrene	100-42-5	2	10	1.0	63	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	125	U	0.13
o-Xylene	95-47-6	2	10	1.0	63	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	63	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	63	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	63	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	63	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	63	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	63	U	0.06
Bromobenzene	108-86-1	2	10	1.0	63	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	63	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	63	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	63	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	63	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	63	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	63	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	63	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	63	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	156	U	0.16
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	63	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	63	U	0.06
Naphthalene	91-20-3	2	10	1.0	63	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	63	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date.	11/16/01
Lab Sample ID:	URS111501-27	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-72	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	86
Laboratory Data File	01111619	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	145	U	0.15
Chloromethane	74-87-3	5	25	2.5	145	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	58	U	0.06
Bromomethane	74-83-9	5	25	2.5	145	U	0.15
Chloroethane	75-00-3	5	25	2.5	145	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	58	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	145	U	0.15
Acetone	**67-64-1**	**10**	**7**	**0.7**	**41**	**J**	**0.04**
1,1-Dichloroethene	75-35-4	2	10	1.0	58	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
Methylene Chloride	**75-09-2**	**2**	**326**	**32.6**	**1895**	**B**	**1.90**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	58	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	58	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	58	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	58	U	0.06
Chloroform	67-66-3	2	10	1.0	58	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	58	U	0.06
2-Butanone	**78-93-3**	**10**	**80**	**8.0**	**465**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	58	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	58	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	58	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	58	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	58	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	58	U	0.06
Dibromomethane	75-95-3	2	10	1.0	58	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	58	U	0.06
Trichloroethene	79-01-6	2	10	1.0	58	U	0.06
Benzene	**71-43-2**	**2**	**14**	**1.4**	**81**		**0.08**
1,3-Dichloropropane	142-28-9	2	10	1.0	58	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	58	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	58	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	58	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	58	U	0.06
4-Methyl-2-Pentanone	**108-10-1**	**10**	**51**	**5.1**	**297**		**0.30**
2-Hexanone	591-78-6	10	50	5.0	291	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	58	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	58	U	0.06
Bromoform	75-25-2	2	10	1.0	58	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	58	U	0.06
Toluene	108-88-3	2	10	1.0	58	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	58	U	0.06
Ethyl benzene	**100-41-4**	**2**	**7**	**0.7**	**41**	**J**	**0.04**
Styrene	100-42-5	2	10	1.0	58	U	0.06
m&p Xylene	**1330-20-7**	**4**	**5**	**0.5**	**29**	**J**	**0.03**
o-Xylene	95-47-6	2	10	1.0	58	U	0.06
1,3-Dichlorobenzene	541-73-1	2	10	1.0	58	U	0.06
1,4-Dichlorobenzene	106-46-7	2	10	1.0	58	U	0.06
n-Butyl benzene	104-51-8	2	10	1.0	58	U	0.06
1,2-Dichlorobenzene	95-50-1	2	10	1.0	58	U	0.06
Isopropyl benzene	98-82-8	2	10	1.0	58	U	0.06
1,2,3-Trichloropropane	96-18-4	2	10	1.0	58	U	0.06
Bromobenzene	108-86-1	2	10	1.0	58	U	0.06
n-Propylbenzene	103-65-1	2	10	1.0	58	U	0.06
2-Chlorotoluene	95-49-8	2	10	1.0	58	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	58	U	0.06
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	58	U	0.06
tert-Butylbenzene	98-06-6	2	10	1.0	58	U	0.06
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	58	U	0.06
sec-Butylbenzene	135-98-8	2	10	1.0	58	U	0.06
p-Isopropyltoluene	99-82-8	2	10	1.0	58	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	145	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	58	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	58	U	0.06
Naphthalene	91-20-3	2	10	1.0	58	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	58	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	112	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax: 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-28	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-103	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	97
Laboratory Data File:	01111620	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	129	U	0.13
Chloromethane	74-87-3	5	25	2.5	129	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	52	U	0.05
Bromomethane	74-83-9	5	25	2.5	129	U	0.13
Chloroethane	75-00-3	5	25	2.5	129	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	52	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	129	U	0.13
Acetone	67-64-1	10	10	1.0	52	U	0.05
1,1-Dichloroethene	75-35-4	2	10	1.0	52	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
Methylene Chloride	**75-09-2**	**2**	**485**	**48.5**	**2500**	**B**	**2.50**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	52	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	52	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	52	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	52	U	0.05
Chloroform	67-66-3	2	10	1.0	52	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
2-Butanone	**78-93-3**	**10**	**125**	**12.5**	**644**		**0.64**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	52	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	52	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	52	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	52	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	52	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	52	U	0.05
Dibromomethane	75-95-3	2	10	1.0	52	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	52	U	0.05
Trichloroethene	79-01-6	2	10	1.0	52	U	0.05
Benzene	71-43-2	2	10	1.0	52	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	52	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	52	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	52	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	52	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	52	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	258	U	0.26
2-Hexanone	591-78-6	10	50	5.0	258	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	52	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	52	U	0.05
Bromoform	75-25-2	2	10	1.0	52	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	52	U	0.05
Toluene	108-88-3	2	10	1.0	52	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	52	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	52	U	0.05
Styrene	100-42-5	2	10	1.0	52	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	103	U	0.10
o-Xylene	95-47-6	2	10	1.0	52	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	52	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	52	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	52	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	52	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	52	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	52	U	0.05
Bromobenzene	108-86-1	2	10	1.0	52	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	52	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	52	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	52	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	52	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	52	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	52	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	52	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	52	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	129	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	52	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	52	U	0.05
Naphthalene	91-20-3	2	10	1.0	52	U	0.05
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	52	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	119	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-28RR	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-103	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	97
Laboratory Data File:	01111620	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	129	U	0.13
Chloromethane	74-87-3	5	25	2.5	129	U	0.13
Vinyl Chloride	75-01-4	2	10	1.0	52	U	0.05
Bromomethane	74-83-9	5	25	2.5	129	U	0.13
Chloroethane	75-00-3	5	25	2.5	129	U	0.13
Trichlorofluoromethane	75-69-4	2	10	1.0	52	U	0.05
Carbon Disulfide	75-15-0	5	25	2.5	129	U	0.13
Acetone	67-64-1	10	10	1.0	52	U	0.05
1,1-Dichloroethene	75-35-4	2	10	1.0	52	U	0.05
1,1-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
Methylene Chloride	**75-09-2**	**2**	**127**	**12.7**	**655**	**B**	**0.65**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	52	U	0.05
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	52	U	0.05
2,2-Dichloropropane	590-20-7	2	10	1.0	52	U	0.05
Bromochloromethane	74-97-5	2	10	1.0	52	U	0.05
Chloroform	67-66-3	2	10	1.0	52	U	0.05
1,2-Dichloroethane	107-06-2	2	10	1.0	52	U	0.05
2-Butanone	**78-93-3**	**10**	**69**	**6.9**	**356**		**0.36**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	52	U	0.05
2-Chloroethylvinyl ether		2	10	1.0	52	U	0.05
Carbon tetrachloride	56-15-0	2	10	1.0	52	U	0.05
1,1-Dichloropropene	563-58-6	2	10	1.0	52	U	0.05
1,2-Dichloropropane	78-87-5	2	10	1.0	52	U	0.05
Bromodichloromethane	75-27-4	2	10	1.0	52	U	0.05
Dibromomethane	75-95-3	2	10	1.0	52	U	0.05
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	52	U	0.05
Trichloroethene	79-01-6	2	10	1.0	52	U	0.05
Benzene	71-43-2	2	10	1.0	52	U	0.05
1,3-Dichloropropane	142-28-9	2	10	1.0	52	U	0.05
Dibromochloromethane	124-48-1	2	10	1.0	52	U	0.05
1,2-Dibromoethane	106-93-4	2	10	1.0	52	U	0.05
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	52	U	0.05
1,1,2-Trichloroethane	79-00-5	2	10	1.0	52	U	0.05
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	258	U	0.26
2-Hexanone	591-78-6	10	50	5.0	258	U	0.26
Tetrachloroethene	127-18-4	2	10	1.0	52	U	0.05
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	52	U	0.05
Bromoform	75-25-2	2	10	1.0	52	U	0.05
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	52	U	0.05
Toluene	108-88-3	2	10	1.0	52	U	0.05
Chlorobenzene	108-90-7	2	10	1.0	52	U	0.05
Ethyl benzene	100-41-4	2	10	1.0	52	U	0.05
Styrene	100-42-5	2	10	1.0	52	U	0.05
m&p Xylene	1330-20-7	4	20	2.0	103	U	0.10
o-Xylene	95-47-6	2	10	1.0	52	U	0.05
1,3-Dichlorobenzene	541-73-1	2	10	1.0	52	U	0.05
1,4-Dichlorobenzene	106-46-7	2	10	1.0	52	U	0.05
n-Butyl benzene	104-51-8	2	10	1.0	52	U	0.05
1,2-Dichlorobenzene	95-50-1	2	10	1.0	52	U	0.05
Isopropyl benzene	98-82-8	2	10	1.0	52	U	0.05
1,2,3-Trichloropropane	96-18-4	2	10	1.0	52	U	0.05
Bromobenzene	108-86-1	2	10	1.0	52	U	0.05
n-Propylbenzene	103-65-1	2	10	1.0	52	U	0.05
2-Chlorotoluene	95-49-8	2	10	1.0	52	U	0.05
4-Chlorotoluene	106-43-4	2	10	1.0	52	U	0.05
1,3,5-Trimethylbenzene	108-67-8	2	10	1.0	52	U	0.05
tert-Butylbenzene	98-06-6	2	10	1.0	52	U	0.05
1,2,4-Trimethylbenzene	120-82-1	2	10	1.0	52	U	0.05
sec-Butylbenzene	135-98-8	2	10	1.0	52	U	0.05
p-Isopropyltoluene	99-82-8	2	10	1.0	52	U	0.05
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	129	U	0.13
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	52	U	0.05
Hexachlorobutadiene	87-68-3	2	10	1.0	52	U	0.05
Naphthalene	**91-20-3**	**2**	**9**	**0.9**	**46**	**J**	**0.05**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	52	U	0.05

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	99	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	10
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-29	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-218	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	85
Laboratory Data File:	01111621	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	2.5	147	U	0.15
Chloromethane	74-87-3	5	25	2.5	147	U	0.15
Vinyl Chloride	75-01-4	2	10	1.0	59	U	0.06
Bromomethane	74-83-9	5	25	2.5	147	U	0.15
Chloroethane	75-00-3	5	25	2.5	147	U	0.15
Trichlorofluoromethane	75-69-4	2	10	1.0	59	U	0.06
Carbon Disulfide	75-15-0	5	25	2.5	147	U	0.15
Acetone	67-64-1	10	10	1.0	59	U	0.06
1,1-Dichloroethene	75-35-4	2	10	1.0	59	U	0.06
1,1-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
Methylene Chloride	**75-09-2**	**2**	**393**	**39.3**	**2312**	**B**	**2.31**
trans-1,2-Dichloroethene	156-60-5	2	10	1.0	59	U	0.06
cis-1,2-Dichloroethene	156-59-4	2	10	1.0	59	U	0.06
2,2-Dichloropropane	590-20-7	2	10	1.0	59	U	0.06
Bromochloromethane	74-97-5	2	10	1.0	59	U	0.06
Chloroform	67-66-3	2	10	1.0	59	U	0.06
1,2-Dichloroethane	107-06-2	2	10	1.0	59	U	0.06
2-Butanone	**78-93-3**	**10**	**48**	**4.8**	**282**		**0.28**
1,1,1-Trichloroethane	71-55-6	2	10	1.0	59	U	0.06
2-Chloroethylvinyl ether		2	10	1.0	59	U	0.06
Carbon tetrachloride	56-15-0	2	10	1.0	59	U	0.06
1,1-Dichloropropene	563-58-6	2	10	1.0	59	U	0.06
1,2-Dichloropropane	78-87-5	2	10	1.0	59	U	0.06
Bromodichloromethane	75-27-4	2	10	1.0	59	U	0.06
Dibromomethane	75-95-3	2	10	1.0	59	U	0.06
cis-1,3-Dichloropropene	10061-01-5	2	10	1.0	59	U	0.06
Trichloroethene	79-01-6	2	10	1.0	59	U	0.06
Benzene	71-43-2	2	10	1.0	59	U	0.06
1,3-Dichloropropane	142-28-9	2	10	1.0	59	U	0.06
Dibromochloromethane	124-48-1	2	10	1.0	59	U	0.06
1,2-Dibromoethane	106-93-4	2	10	1.0	59	U	0.06
trans-1,3-Dichloropropene	10061-02-6	2	10	1.0	59	U	0.06
1,1,2-Trichloroethane	79-00-5	2	10	1.0	59	U	0.06
4-Methyl-2-Pentanone	108-10-1	10	50	5.0	294	U	0.29
2-Hexanone	591-78-6	10	50	5.0	294	U	0.29
Tetrachloroethene	127-18-4	2	10	1.0	59	U	0.06
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.0	59	U	0.06
Bromoform	75-25-2	2	10	1.0	59	U	0.06
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.0	59	U	0.06
Toluene	108-88-3	2	10	1.0	59	U	0.06
Chlorobenzene	108-90-7	2	10	1.0	59	U	0.06
Ethyl benzene	100-41-4	2	10	1.0	59	U	0.06
Styrene	100-42-5	2	10	1.0	59	U	0.06
m&p Xylene	1330-20-7	4	20	2.0	118	U	0.12
o-Xylene	**95-47-6**	**2**	**130**	**13.0**	**765**		**0.76**
1,3-Dichlorobenzene	541-73-1	2	10	1.0	59	U	0.06
1,4-Dichlorobenzene	**106-46-7**	**2**	**24**	**2.4**	**141**		**0.14**
n-Butyl benzene	**104-51-8**	**2**	**93**	**9.3**	**547**		**0.55**
1,2-Dichlorobenzene	**95-50-1**	**2**	**19**	**1.9**	**112**		**0.11**
Isopropyl benzene	**98-82-8**	**2**	**15**	**1.5**	**88**		**0.09**
1,2,3-Trichloropropane	96-18-4	2	10	1.0	59	U	0.06
Bromobenzene	108-86-1	2	10	1.0	59	U	0.06
n-Propylbenzene	**103-65-1**	**2**	**46**	**4.6**	**271**		**0.27**
2-Chlorotoluene	95-49-8	2	10	1.0	59	U	0.06
4-Chlorotoluene	106-43-4	2	10	1.0	59	U	0.06
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**15**	**1.5**	**88**		**0.09**
tert-Butylbenzene	98-06-6	2	10	1.0	59	U	0.06
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**31**	**3.1**	**182**		**0.18**
sec-Butylbenzene	**135-98-8**	**2**	**30**	**3.0**	**176**		**0.18**
p-Isopropyltoluene	99-82-6	2	10	1.0	59	U	0.06
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	2.5	147	U	0.15
1,2,4-Trichlorobenzene	120-82-1	2	10	1.0	59	U	0.06
Hexachlorobutadiene	87-68-3	2	10	1.0	59	U	0.06
Naphthalene	91-20-3	2	10	1.0	59	U	0.06
1,2,3-Trichlorobenzene	87-61-6	2	10	1.0	59	U	0.06

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	98	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	110	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph: 336-634-0660
Fax: 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.2
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-01	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-83	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	80
Laboratory Data File:	01111709	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	302	U	0.30
Chloromethane	74-87-3	5	25	4.8	302	U	0.30
Vinyl Chloride	75-01-4	2	10	1.9	121	U	0.12
Bromomethane	74-83-9	5	25	4.8	302	U	0.30
Chloroethane	75-00-3	5	25	4.8	302	U	0.30
Trichlorofluoromethane	75-69-4	2	10	1.9	121	U	0.12
Carbon Disulfide	75-15-0	5	25	4.8	302	U	0.30
Acetone	**67-64-1**	**10**	**36**	**7.0**	**439**	**B**	**0.44**
1,1-Dichloroethene	75-35-4	2	10	1.9	121	U	0.12
1,1-Dichloroethane	107-06-2	2	10	1.9	121	U	0.12
Methylene Chloride	**75-09-2**	**2**	**116**	**22.2**	**1395**	**B**	**1.40**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	121	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	121	U	0.12
2,2-Dichloropropane	590-20-7	2	10	1.9	121	U	0.12
Bromochloromethane	74-97-5	2	10	1.9	121	U	0.12
Chloroform	67-66-3	2	10	1.9	121	U	0.12
1,2-Dichloroethane	107-06-2	2	10	1.9	121	U	0.12
2-Butanone	**78-93-3**	**10**	**69**	**13.3**	**835**		**0.83**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	121	U	0.12
2-Chloroethylvinyl ether		2	10	1.9	121	U	0.12
Carbon tetrachloride	56-15-0	2	10	1.9	121	U	0.12
1,1-Dichloropropene	563-58-6	2	10	1.9	121	U	0.12
1,2-Dichloropropane	78-87-5	2	10	1.9	121	U	0.12
Bromodichloromethane	75-27-4	2	10	1.9	121	U	0.12
Dibromomethane	75-95-3	2	10	1.9	121	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	121	U	0.12
Trichloroethene	79-01-6	2	10	1.9	121	U	0.12
Benzene	71-43-2	2	10	1.9	121	U	0.12
1,3-Dichloropropane	142-28-9	2	10	1.9	121	U	0.12
Dibromochloromethane	124-48-1	2	10	1.9	121	U	0.12
1,2-Dibromoethane	106-93-4	2	10	1.9	121	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	121	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	1.9	121	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	603	U	0.60
2-Hexanone	591-78-6	10	50	9.6	603	U	0.60
Tetrachloroethene	127-18-4	2	10	1.9	121	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	121	U	0.12
Bromoform	75-25-2	2	10	1.9	121	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	121	U	0.12
Toluene	108-88-3	2	10	1.9	121	U	0.12
Chlorobenzene	108-90-7	2	10	1.9	121	U	0.12
Ethyl benzene	100-41-4	2	10	1.9	121	U	0.12
Styrene	100-42-5	2	10	1.9	121	U	0.12
m&p Xylene	1330-20-7	4	10	1.9	121	U	0.12
o-Xylene	95-47-6	2	10	1.9	121	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	1.9	121	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	1.9	121	U	0.12
n-Butyl benzene	104-51-8	2	10	1.9	121	U	0.12
1,2-Dichlorobenzene	**95-50-1**	**2**	**11**	**2.1**	**132**		**0.13**
Isopropyl benzene	98-82-8	2	10	1.9	121	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	1.9	121	U	0.12
Bromobenzene	108-86-1	2	10	1.9	121	U	0.12
n-Propylbenzene	103-65-1	2	10	1.9	121	U	0.12
2-Chlorotoluene	95-49-8	2	10	1.9	121	U	0.12
4-Chlorotoluene	106-43-4	2	10	1.9	121	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	121	U	0.12
tert-Butylbenzene	98-06-6	2	10	1.9	121	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	121	U	0.12
sec-Butylbenzene	135-98-8	2	10	1.9	121	U	0.12
p-Isopropyltoluene	99-82-8	2	10	1.9	121	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	302	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	121	U	0.12
Hexachlorobutadiene	87-68-3	2	10	1.9	121	U	0.12
Naphthalene	91-20-3	2	10	1.9	121	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	121	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	98	86-120	80-120	71-106
Toluene-d8	2037-26-5	106	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5 1
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-02	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-109	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received.	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	81
Laboratory Data File:	01111710	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	301	U	0.30
Chloromethane	74-87-3	5	25	4.9	301	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	120	U	0.12
Bromomethane	74-83-9	5	25	4.9	301	U	0.30
Chloroethane	75-00-3	5	25	4.9	301	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	120	U	0.12
Carbon Disulfide	75-15-0	5	25	4.9	301	U	0.30
Acetone	67-64-1	10	10	2.0	120	U	0.12
1,1-Dichloroethene	75-35-4	2	10	2.0	120	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
Methylene Chloride	**75-09-2**	**2**	**141**	**27.7**	**1700**	**B**	**1.70**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	120	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	120	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	120	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	120	U	0.12
Chloroform	67-66-3	2	10	2.0	120	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
2-Butanone	**78-93-3**	**10**	**65**	**12.7**	**776**		**0.78**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	120	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	120	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	120	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	120	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	120	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	120	U	0.12
Dibromomethane	75-95-3	2	10	2.0	120	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	120	U	0.12
Trichloroethene	79-01-6	2	10	2.0	120	U	0.12
Benzene	71-43-2	2	10	2.0	120	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	120	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	120	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	120	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	120	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	120	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	602	U	0.60
2-Hexanone	591-78-6	10	50	9.8	602	U	0.60
Tetrachloroethene	127-18-4	2	10	2.0	120	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	120	U	0.12
Bromoform	75-25-2	2	10	2.0	120	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	120	U	0.12
Toluene	108-88-3	2	10	2.0	120	U	0.12
Chlorobenzene	108-90-7	2	10	2.0	120	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	120	U	0.12
Styrene	100-42-5	2	10	2.0	120	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	120	U	0.12
o-Xylene	95-47-6	2	10	2.0	120	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	120	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	120	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	120	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	120	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	120	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	120	U	0.12
Bromobenzene	108-86-1	2	10	2.0	120	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	120	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	120	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	120	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	120	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	120	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	120	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	120	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	120	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	301	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	120	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	120	U	0.12
Naphthalene	91-20-3	2	10	2.0	120	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	120	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group.	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-03	Prep Method 1	SW5035
Field Sample ID:	GCMS-Q-115	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date.		Result Units	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor.	50
Analysis Method.	SW8260B	Spike Amount	
Prep Batch Number:	111601	Percent Solids:	84
Laboratory Data File:	*01111711*	*Laboratory Code:*	*STL-OST*

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	292	U	0.29
Chloromethane	74-87-3	5	25	4.9	292	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	117	U	0.12
Bromomethane	74-83-9	5	25	4.9	292	U	0.29
Chloroethane	75-00-3	5	25	4.9	292	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	117	U	0.12
Carbon Disulfide	75-15-0	5	25	4.9	292	U	0.29
Acetone	67-64-1	10	10	2.0	117	U	0.12
1,1-Dichloroethene	75-35-4	2	10	2.0	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
Methylene Chloride	**75-09-2**	**2**	**130**	**25.4**	**1516**	**B**	**1.52**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	117	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	117	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	117	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	117	U	0.12
Chloroform	67-66-3	2	10	2.0	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
2-Butanone	**78-93-3**	**10**	**74**	**14.5**	**866**		**0.87**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	117	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	117	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	117	U	0.12
Dibromomethane	75-95-3	2	10	2.0	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	117	U	0.12
Trichloroethene	79-01-6	2	10	2.0	117	U	0.12
Benzene	71-43-2	2	10	2.0	117	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	117	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	585	U	0.58
2-Hexanone	591-78-6	10	50	9.8	585	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	117	U	0.12
Bromoform	75-25-2	2	10	2.0	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	117	U	0.12
Toluene	**108-88-3**	**2**	**34**	**6.7**	**402**		**0.40**
Chlorobenzene	**108-90-7**	**2**	**171**	**33.6**	**2001**		**2.00**
Ethyl benzene	100-41-4	2	10	2.0	117	U	0.12
Styrene	100-42-5	2	10	2.0	117	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	117	U	0.12
o-Xylene	95-47-6	2	10	2.0	117	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	117	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**24**	**4.7**	**281**		**0.28**
n-Butyl benzene	104-51-8	2	10	2.0	117	U	0.12
1,2-Dichlorobenzene	**95-50-1**	**2**	**10**	**1.9**	**114**	**J**	**0.11**
Isopropyl benzene	98-82-8	2	10	2.0	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	117	U	0.12
Bromobenzene	108-86-1	2	10	2.0	117	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	117	U	0.12
tert-Butylbenzene	*98-06-6*	2	*10*	2.0	*117*	U	*0.12*
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**9**	**1.8**	**105**	**J**	**0.10**
sec-Butylbenzene	135-98-8	2	10	2.0	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	292	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	117	U	0.12
Naphthalene	91-20-3	2	10	2.0	117	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	102	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-116	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	73
Laboratory Data File:	01111712	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	342	U	0.34
Chloromethane	74-87-3	5	25	5.0	342	U	0.34
Vinyl Chloride	75-01-4	2	10	2.0	137	U	0.14
Bromomethane	74-83-9	5	25	5.0	342	U	0.34
Chloroethane	75-00-3	5	25	5.0	342	U	0.34
Trichlorofluoromethane	75-69-4	2	10	2.0	137	U	0.14
Carbon Disulfide	75-15-0	5	25	5.0	342	U	0.34
Acetone	67-64-1	10	10	2.0	137	U	0.14
1,1-Dichloroethene	75-35-4	2	10	2.0	137	U	0.14
1,1-Dichloroethane	107-06-2	2	10	2.0	137	U	0.14
Methylene Chloride	**75-09-2**	**2**	**186**	**37.3**	**2553**	**B**	**2.55**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	137	U	0.14
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	137	U	0.14
2,2-Dichloropropane	590-20-7	2	10	2.0	137	U	0.14
Bromochloromethane	74-97-5	2	10	2.0	137	U	0.14
Chloroform	67-66-3	2	10	2.0	137	U	0.14
1,2-Dichloroethane	107-06-2	2	10	2.0	137	U	0.14
2-Butanone	**78-93-3**	**10**	**88**	**17.5**	**1198**		**1.20**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	137	U	0.14
2-Chloroethylvinyl ether		2	10	2.0	137	U	0.14
Carbon tetrachloride	56-15-0	2	10	2.0	137	U	0.14
1,1-Dichloropropene	563-58-6	2	10	2.0	137	U	0.14
1,2-Dichloropropane	78-87-5	2	10	2.0	137	U	0.14
Bromodichloromethane	75-27-4	2	10	2.0	137	U	0.14
Dibromomethane	75-95-3	2	10	2.0	137	U	0.14
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	137	U	0.14
Trichloroethene	79-01-6	2	10	2.0	137	U	0.14
Benzene	71-43-2	2	10	2.0	137	U	0.14
1,3-Dichloropropane	142-28-9	2	10	2.0	137	U	0.14
Dibromochloromethane	124-48-1	2	10	2.0	137	U	0.14
1,2-Dibromoethane	106-93-4	2	10	2.0	137	U	0.14
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	137	U	0.14
1,1,2-Trichloroethane	79-00-5	2	10	2.0	137	U	0.14
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	684	U	0.68
2-Hexanone	591-78-6	10	50	10.0	684	U	0.68
Tetrachloroethene	**127-18-4**	**2**	**6**	**1.3**	**87**	**J**	**0.09**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	137	U	0.14
Bromoform	75-25-2	2	10	2.0	137	U	0.14
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	137	U	0.14
Toluene	**108-88-3**	**2**	**8**	**1.5**	**105**	**J**	**0.11**
Chlorobenzene	108-90-7	2	10	2.0	137	U	0.14
Ethyl benzene	100-41-4	2	10	2.0	137	U	0.14
Styrene	100-42-5	2	10	2.0	137	U	0.14
m&p Xylene	1330-20-7	4	10	2.0	137	U	0.14
o-Xylene	95-47-6	2	10	2.0	137	U	0.14
1,3-Dichlorobenzene	541-73-1	2	10	2.0	137	U	0.14
1,4-Dichlorobenzene	106-46-7	2	10	2.0	137	U	0.14
n-Butyl benzene	104-51-8	2	10	2.0	137	U	0.14
1,2-Dichlorobenzene	95-50-1	2	10	2.0	137	U	0.14
Isopropyl benzene	98-82-8	2	10	2.0	137	U	0.14
1,2,3-Trichloropropane	96-18-4	2	10	2.0	137	U	0.14
Bromobenzene	108-86-1	2	10	2.0	137	U	0.14
n-Propylbenzene	103-65-1	2	10	2.0	137	U	0.14
2-Chlorotoluene	95-49-8	2	10	2.0	137	U	0.14
4-Chlorotoluene	106-43-4	2	10	2.0	137	U	0.14
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	137	U	0.14
tert-Butylbenzene	98-06-6	2	10	2.0	137	U	0.14
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	137	U	0.14
sec-Butylbenzene	135-98-8	2	10	2.0	137	U	0.14
p-Isopropyltoluene	99-82-8	2	10	2.0	137	U	0.14
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	342	U	0.34
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	137	U	0.14
Hexachlorobutadiene	87-68-3	2	10	2.0	137	U	0.14
Naphthalene	91-20-3	2	10	2.0	137	U	0.14
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	137	U	0.14

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	113	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-108	Prep Method 2:	
Date Sample Collected	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	94
Laboratory Data File:	01111713	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	265	U	0.26
Chloromethane	74-87-3	5	25	5.0	265	U	0.26
Vinyl Chloride	75-01-4	2	10	2.0	106	U	0.11
Bromomethane	74-83-9	5	25	5.0	265	U	0.26
Chloroethane	75-00-3	5	25	5.0	265	U	0.26
Trichlorofluoromethane	75-69-4	2	10	2.0	106	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	265	U	0.26
Acetone	**67-64-1**	**10**	**22**	**4.4**	**235**		**0.24**
1,1-Dichloroethene	75-35-4	2	10	2.0	106	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	106	U	0.11
Methylene Chloride	**75-09-2**	**2**	**323**	**64.7**	**3425**	**B**	**3.43**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	106	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	106	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	106	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	106	U	0.11
Chloroform	67-66-3	2	10	2.0	106	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	106	U	0.11
2-Butanone	**78-93-3**	**10**	**75**	**15.0**	**793**		**0.79**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	106	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	106	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	106	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	106	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	106	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	106	U	0.11
Dibromomethane	75-95-3	2	10	2.0	106	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	106	U	0.11
Trichloroethene	79-01-6	2	10	2.0	106	U	0.11
Benzene	**71-43-2**	**2**	**15**	**2.9**	**156**		**0.16**
1,3-Dichloropropane	142-28-9	2	10	2.0	106	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	106	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	106	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	106	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	106	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	530	U	0.53
2-Hexanone	591-78-6	10	50	10.0	530	U	0.53
Tetrachloroethene	127-18-4	2	10	2.0	106	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	106	U	0.11
Bromoform	75-25-2	2	10	2.0	106	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	106	U	0.11
Toluene	108-88-3	2	10	2.0	106	U	0.11
Chlorobenzene	**108-90-7**	**2**	**480**	**95.9**	**5080**		**5.08**
Ethyl benzene	100-41-4	2	10	2.0	106	U	0.11
Styrene	100-42-5	2	10	2.0	106	U	0.11
m&p Xylene	**1330-20-7**	**4**	**148**	**29.5**	**1563**		**1.56**
o-Xylene	**95-47-6**	**2**	**25**	**5.1**	**270**		**0.27**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	106	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**80**	**15.9**	**843**		**0.84**
n-Butyl benzene	104-51-8	2	10	2.0	106	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	106	U	0.11
Isopropyl benzene	**98-82-8**	**2**	**13**	**2.5**	**133**		**0.13**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	106	U	0.11
Bromobenzene	108-86-1	2	10	2.0	106	U	0.11
n-Propylbenzene	**103-65-1**	**2**	**19**	**3.8**	**200**		**0.20**
2-Chlorotoluene	95-49-8	2	10	2.0	106	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	106	U	0.11
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**13**	**2.5**	**133**		**0.13**
tert-Butylbenzene	98-06-6	2	10	2.0	106	U	0.11
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**50**	**10.0**	**528**		**0.53**
sec-Butylbenzene	135-98-8	2	10	2.0	106	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	106	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	265	U	0.26
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	106	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	106	U	0.11
Naphthalene	**91-20-3**	**2**	**8**	**1.5**	**81**	**J**	**0.08**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	106	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	102	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	110	88-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1915 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-06	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-194	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received.	11/16/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	*111601*	*Percent Solids:*	*86*
Laboratory Data File.	01111714	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	292	U	0.29
Chloromethane	74-87-3	5	25	5.0	292	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	117	U	0.12
Bromomethane	74-83-9	5	25	5.0	292	U	0.29
Chloroethane	75-00-3	5	25	5.0	292	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	117	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	292	U	0.29
Acetone	**67-64-1**	**10**	**23**	**4.7**	**273**	**B**	**0.27**
1,1-Dichloroethene	75-35-4	2	10	2.0	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	117	U	0 12
Methylene Chloride	**75-09-2**	**2**	**336**	**67.2**	**3927**	**B**	**3.93**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	117	U	0 12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	117	U	0 12
2,2-Dichloropropane	590-20-7	2	10	2.0	117	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	117	U	0.12
Chloroform	67-66-3	2	10	2.0	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
2-Butanone	**78-93-3**	**10**	**68**	**13.5**	**789**		**0.79**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	117	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	117	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	117	U	0.12
Dibromomethane	75-95-3	2	10	2.0	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	117	U	0.12
Trichloroethene	79-01-6	2	10	2.0	117	U	0.12
Benzene	71-43-2	2	10	2.0	117	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	117	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	584	U	0.58
2-Hexanone	591-78-6	10	50	10.0	584	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	117	U	0.12
Bromoform	75-25-2	2	10	2.0	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	117	U	0.12
Toluene	108-88-3	2	10	2.0	117	U	0.12
Chlorobenzene	108-90-7	2	10	2.0	117	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	117	U	0.12
Styrene	100-42-5	2	10	2.0	117	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	117	U	0.12
o-Xylene	95-47-6	2	10	2.0	117	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	117	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	117	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	117	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	117	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	117	U	0.12
Bromobenzene	108-86-1	2	10	2.0	117	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	117	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	117	U	0.12
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**6**	**1.2**	**73**	**J**	**0.07**
sec-Butylbenzene	135-98-8	2	10	2.0	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	292	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	117	U	0.12
Naphthalene	91-20-3	2	10	2.0	117	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph. 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-113	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids	89
Laboratory Data File:	01111715	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	281	U	0.28
Chloromethane	74-87-3	5	25	5.0	281	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	112	U	0.11
Bromomethane	74-83-9	5	25	5.0	281	U	0.28
Chloroethane	75-00-3	5	25	5.0	281	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	112	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	281	U	0.28
Acetone	67-64-1	10	10	2.0	112	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	112	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
Methylene Chloride	**75-09-2**	**2**	**336**	**67.2**	**3775**	**B**	**3.77**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	112	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	112	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	112	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	112	U	0.11
Chloroform	67-66-3	2	10	2.0	112	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
2-Butanone	**78-93-3**	**10**	**64**	**12.8**	**716**		**0.72**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	112	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	112	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	112	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	112	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	112	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	112	U	0.11
Dibromomethane	75-95-3	2	10	2.0	112	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	112	U	0.11
Trichloroethene	79-01-6	2	10	2.0	112	U	0.11
Benzene	71-43-2	2	10	2.0	112	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	112	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	112	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	112	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	112	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	112	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	561	U	0.56
2-Hexanone	591-78-6	10	50	10.0	561	U	0.56
Tetrachloroethene	127-18-4	2	10	2.0	112	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	112	U	0.11
Bromoform	75-25-2	2	10	2.0	112	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	112	U	0.11
Toluene	108-88-3	2	10	2.0	112	U	0.11
Chlorobenzene	108-90-7	2	10	2.0	112	U	0.11
Ethyl benzene	100-41-4	2	10	2.0	112	U	0.11
Styrene	100-42-5	2	10	2.0	112	U	0.11
m&p Xylene	1330-20-7	4	10	2.0	112	U	0.11
o-Xylene	95-47-6	2	10	2.0	112	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	2.0	112	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	2.0	112	U	0.11
n-Butyl benzene	104-51-8	2	10	2.0	112	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	112	U	0.11
Isopropyl benzene	98-82-8	2	10	2.0	112	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	112	U	0.11
Bromobenzene	108-86-1	2	10	2.0	112	U	0.11
n-Propylbenzene	103-65-1	2	10	2.0	112	U	0.11
2-Chlorotoluene	95-49-8	2	10	2.0	112	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	112	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	112	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	112	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	112	U	0.11
sec-Butylbenzene	135-98-8	2	10	2.0	112	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	112	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	281	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	112	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	112	U	0.11
Naphthalene	91-20-3	2	10	2.0	112	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	112	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	97	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-2660
Fax 336-634-2646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-77	Prep Method 2.	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type	FR
EDD Transfer Date.		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor.	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111601	Percent Solids	89
Laboratory Data File:	01111716	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	282	U	0.28
Chloromethane	74-87-3	5	25	5.0	282	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	113	U	0.11
Bromomethane	74-83-9	5	25	5.0	282	U	0.28
Chloroethane	75-00-3	5	25	5.0	282	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	113	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	282	U	0.28
Acetone	**67-64-1**	**10**	**173**	**34.6**	**1951**	**B**	**1.95**
1,1-Dichloroethene	75-35-4	2	10	2.0	113	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	113	U	0.11
Methylene Chloride	**75-09-2**	**2**	**349**	**69.8**	**3937**	**B**	**3.94**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	113	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	113	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	113	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	113	U	0.11
Chloroform	67-66-3	2	10	2.0	113	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	113	U	0.11
2-Butanone	**78-93-3**	**10**	**78**	**15.6**	**878**		**0.88**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	113	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	113	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	113	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	113	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	113	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	113	U	0.11
Dibromomethane	75-95-3	2	10	2.0	113	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	113	U	0.11
Trichloroethene	**79-01-6**	**2**	**8**	**1.6**	**92**	**J**	**0.09**
Benzene	**71-43-2**	**2**	**9**	**1.9**	**106**	**J**	**0.11**
1,3-Dichloropropane	142-28-9	2	10	2.0	113	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	113	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	113	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	113	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	113	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	564	U	0.56
2-Hexanone	591-78-6	10	50	10.0	564	U	0.56
Tetrachloroethene	127-18-4	2	10	2.0	113	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	113	U	0.11
Bromoform	75-25-2	2	10	2.0	113	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	113	U	0.11
Toluene	**108-88-3**	**2**	**83**	**16.6**	**934**		**0.93**
Chlorobenzene	108-90-7	2	10	2.0	113	U	0.11
Ethyl benzene	**100-41-4**	**2**	**20**	**3.9**	**221**		**0.22**
Styrene	100-42-5	2	10	2.0	113	U	0.11
m&p Xylene	**1330-20-7**	**4**	**71**	**14.2**	**802**		**0.80**
o-Xylene	**95-47-6**	**2**	**43**	**8.6**	**485**		**0.49**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	113	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	2.0	113	U	0.11
n-Butyl benzene	104-51-8	2	10	2.0	113	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	113	U	0.11
Isopropyl benzene	**98-82-8**	**2**	**5**	**1.0**	**59**	**J**	**0.06**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	113	U	0.11
Bromobenzene	108-86-1	2	10	2.0	113	U	0.11
n-Propylbenzene	**103-65-1**	**2**	**5**	**1.0**	**59**	**J**	**0.06**
2-Chlorotoluene	95-49-8	2	10	2.0	113	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	113	U	0.11
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**5**	**1.0**	**59**	**J**	**0.06**
tert-Butylbenzene	**98-06-6**	**2**	**9**	**1.9**	**107**	**J**	**0.11**
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**43**	**8.5**	**481**		**0.48**
sec-Butylbenzene	135-98-8	2	10	2.0	113	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	113	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	282	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	113	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	113	U	0.11
Naphthalene	**91-20-3**	**2**	**48**	**9.5**	**536**	**J**	**0.54**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	113	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	99	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0645

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-09	Prep Method 1	SW5035
Field Sample ID.	GCMS-Q-89	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111601	Percent Solids:	80
Laboratory Data File:	01111717	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	314	U	0.31
Chloromethane	74-87-3	5	25	5.0	314	U	0.31
Vinyl Chloride	75-01-4	2	10	2.0	126	U	0.13
Bromomethane	74-83-9	5	25	5.0	314	U	0.31
Chloroethane	75-00-3	5	25	5.0	314	U	0.31
Trichlorofluoromethane	75-69-4	2	10	2.0	126	U	0.13
Carbon Disulfide	75-15-0	5	25	5.0	314	U	0.31
Acetone	67-64-1	10	10	2.0	126	U	0.13
1,1-Dichloroethene	75-35-4	2	10	2.0	126	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	126	U	0.13
Methylene Chloride	**75-09-2**	**2**	**329**	**65.7**	**4128**	**B**	**4.13**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	126	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	126	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	126	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	126	U	0.13
Chloroform	67-66-3	2	10	2.0	126	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	126	U	0.13
2-Butanone	**78-93-3**	**10**	**73**	**14.5**	**912**		**0.91**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	126	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	126	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	126	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	126	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	126	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	126	U	0.13
Dibromomethane	75-95-3	2	10	2.0	126	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	126	U	0.13
Trichloroethene	79-01-6	2	10	2.0	126	U	0.13
Benzene	71-43-2	2	10	2.0	126	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	126	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	126	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	126	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	126	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	126	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	628	U	0.63
2-Hexanone	591-78-6	10	50	10.0	628	U	0.63
Tetrachloroethene	127-18-4	2	10	2.0	126	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	126	U	0.13
Bromoform	75-25-2	2	10	2.0	126	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	126	U	0.13
Toluene	108-88-3	2	10	2.0	126	U	0.13
Chlorobenzene	108-90-7	2	10	2.0	126	U	0.13
Ethyl benzene	**100-41-4**	**2**	**5**	**1.1**	**68**	**J**	**0.07**
Styrene	100-42-5	2	10	2.0	126	U	0.13
m&p Xylene	**1330-20-7**	**4**	**6**	**1.3**	**80**	**J**	**0.08**
o-Xylene	**95-47-6**	**2**	**10**	**2.0**	**126**		**0.13**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	126	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	126	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	126	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	126	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	126	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	126	U	0.13
Bromobenzene	108-86-1	2	10	2.0	126	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	126	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	126	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	126	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	126	U	0.13
tert-Butylbenzene	98-06-6	2	10	2.0	126	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	126		0.13
sec-Butylbenzene	135-98-8	2	10	2.0	126	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	126	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	314	U	0.31
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	126	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	126	U	0.13
Naphthalene	**91-20-3**	**2**	**16**	**3.3**	**207**	**J**	**0.21**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	126	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	103	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111601	Lab Prep Date	11/16/01
Lab Sample ID:	URS111601-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-131	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids	77
Laboratory Data File:	01111718	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	318	U	0.32
Chloromethane	74-87-3	5	25	4.9	318	U	0.32
Vinyl Chloride	75-01-4	2	10	2.0	127	U	0.13
Bromomethane	74-83-9	5	25	4.9	318	U	0.32
Chloroethane	75-00-3	5	25	4.9	318	U	0.32
Trichlorofluoromethane	75-69-4	2	10	2.0	127	U	0.13
Carbon Disulfide	75-15-0	5	25	4.9	318	U	0.32
Acetone	**67-64-1**	**10**	**115**	**22.6**	**1465**		**1.46**
1,1-Dichloroethene	75-35-4	2	10	2.0	127	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	127	U	0.13
Methylene Chloride	**75-09-2**	**2**	**308**	**60.4**	**3917**	**B**	**3.92**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	127	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	127	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	127	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	127	U	0.13
Chloroform	67-66-3	2	10	2.0	127	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	127	U	0.13
2-Butanone	**78-93-3**	**10**	**85**	**16.6**	**1075**		**1.08**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	127	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	127	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	127	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	127	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	127	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	127	U	0.13
Dibromomethane	75-95-3	2	10	2.0	127	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	127	U	0.13
Trichloroethene	79-01-6	2	10	2.0	127	U	0.13
Benzene	71-43-2	2	10	2.0	127	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	127	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	127	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	127	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	127	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	127	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	636	U	0.64
2-Hexanone	591-78-6	10	50	9.8	636	U	0.64
Tetrachloroethene	127-18-4	2	10	2.0	127	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	127	U	0.13
Bromoform	75-25-2	2	10	2.0	127	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	127	U	0.13
Toluene	108-88-3	2	10	2.0	127	U	0.13
Chlorobenzene	108-90-7	2	10	2.0	127	U	0.13
Ethyl benzene	100-41-4	2	10	2.0	127	U	0.13
Styrene	100-42-5	2	10	2.0	127	U	0.13
m&p Xylene	1330-20-7	4	10	2.0	127	U	0.13
o-Xylene	95-47-6	2	10	2.0	127	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	2.0	127	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	127	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	127	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	127	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	127	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	127	U	0.13
Bromobenzene	108-86-1	2	10	2.0	127	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	127	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	127	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	127	U	0.13
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**5**	**1.0**	**67**	**U**	**0.07**
tert-Butylbenzene	98-06-6	2	10	2.0	127	U	0.13
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**5**	**1.0**	**68**	**J**	**0.07**
sec-Butylbenzene	135-98-8	2	10	2.0	127	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	127	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	318	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	127	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	127	U	0.13
Naphthalene	91-20-3	2	10	2.0	127	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	127	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
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SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111601	Lab Prep Date	11/16/01
Lab Sample ID:	URS111601-11	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-132	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111601	Percent Solids	84
Laboratory Data File:	01111719	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	292	U	0.29
Chloromethane	74-87-3	5	25	4.9	292	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	117	U	0.12
Bromomethane	74-83-9	5	25	4.9	292	U	0.29
Chloroethane	75-00-3	5	25	4.9	292	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	117	U	0.12
Carbon Disulfide	75-15-0	5	25	4.9	292	U	0.29
Acetone	67-64-1	10	10	2.0	117	U	0.12
1,1-Dichloroethene	75-35-4	2	10	2.0	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
Methylene Chloride	**75-09-2**	**2**	**141**	**27.7**	**1650**	**B**	**1.65**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	117	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	117	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	117	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	117	U	0.12
Chloroform	67-66-3	2	10	2.0	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
2-Butanone	**78-93-3**	**10**	**65**	**12.7**	**754**		**0.75**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	117	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	117	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	117	U	0.12
Dibromomethane	75-95-3	2	10	2.0	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	117	U	0.12
Trichloroethene	79-01-6	2	10	2.0	117	U	0.12
Benzene	71-43-2	2	10	2.0	117	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	117	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	584	U	0.58
2-Hexanone	591-78-6	10	50	9.8	584	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	117	U	0.12
Bromoform	75-25-2	2	10	2.0	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	117	U	0.12
Toluene	108-88-3	2	10	2.0	117	U	0.12
Chlorobenzene	108-90-7	2	10	2.0	117	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	117	U	0.12
Styrene	100-42-5	2	10	2.0	117	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	117	U	0.12
o-Xylene	95-47-6	2	10	2.0	117	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	117	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	117	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	117	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	117	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	117	U	0.12
Bromobenzene	108-86-1	2	10	2.0	117	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	117	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	117	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	117	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	292	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	117	U	0.12
Naphthalene	91-20-3	2	10	2.0	117	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	102	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount *Final soil or sediment results reported on a dry weight basis*

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111601	Lab Prep Date	11/16/01
Lab Sample ID:	URS111601-12DL	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-134	Prep Method 2:	
Date Sample Collected	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type	00
Sample Type.	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number.	111601	Percent Solids	82
Laboratory Data File:	01111720	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	299	U	0.30
Chloromethane	74-87-3	5	25	4.9	299	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	119	U	0.12
Bromomethane	74-83-9	5	25	4.9	299	U	0.30
Chloroethane	75-00-3	5	25	4.9	299	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	119	U	0.12
Carbon Disulfide	75-15-0	5	25	4.9	299	U	0.30
Acetone	67-64-1	10	10	2.0	119	U	0.12
1,1-Dichloroethene	75-35-4	2	10	2.0	119	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	119	U	0.12
Methylene Chloride	**75-09-2**	**2**	**167**	**32.7**	**1991**	**B**	**1.99**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	119	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	119	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	119	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	119	U	0.12
Chloroform	67-66-3	2	10	2.0	119	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	119	U	0.12
2-Butanone	78-93-3	10	10	2.0	119	U	0.12
1,1,1-Trichloroethane	71-55-6	2	10	2.0	119	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	119	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	119	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	119	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	119	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	119	U	0.12
Dibromomethane	75-95-3	2	10	2.0	119	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	119	U	0.12
Trichloroethene	79-01-6	2	10	2.0	119	U	0.12
Benzene	**71-43-2**	**2**	**376**	**73.7**	**4489**		**4.49**
1,3-Dichloropropane	142-28-9	2	10	2.0	119	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	119	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	119	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	119	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	119	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	597	U	0.60
2-Hexanone	591-78-6	10	50	9.8	597	U	0.60
Tetrachloroethene	127-18-4	2	10	2.0	119	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	119	U	0.12
Bromoform	75-25-2	2	10	2.0	119	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	119	U	0.12
Toluene	**108-88-3**	**2**	**11**	**2.1**	**126**		**0.13**
Chlorobenzene	108-90-7	2	10	2.0	119	U	0.12
Ethyl benzene	**100-41-4**	**2**	**255**	**50.0**	**3049**		**3.05**
Styrene	100-42-5	2	10	2.0	119	U	0.12
m&p Xylene	**1330-20-7**	**4**	**99**	**19.4**	**1182**		**1.18**
o-Xylene	**95-47-6**	**2**	**6**	**1.2**	**74**	**J**	**0.07**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	119	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	119	U	0.12
n-Butyl benzene	**104-51-8**	**2**	**1166**	**228.6**	**13928**	**E**	**13.9**
1,2-Dichlorobenzene	95-50-1	2	10	2.0	119	U	0.12
Isopropyl benzene	**98-82-8**	**2**	**638**	**125.0**	**7617**		**7.62**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	119	U	0.12
Bromobenzene	108-86-1	2	10	2.0	119	U	0.12
n-Propylbenzene	**103-65-1**	**2**	**335**	**65.6**	**3998**		**4.00**
2-Chlorotoluene	95-49-8	2	10	2.0	119	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	119	U	0.12
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**638**	**125.0**	**7617**		**7.62**
tert-Butylbenzene	98-06-6	2	10	2.0	119	U	0.12
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**28**	**5.4**	**331**		**0.33**
sec-Butylbenzene	**135-98-8**	**2**	**335**	**65.6**	**3998**		**4.00**
p-Isopropyltoluene	99-82-8	2	10	2.0	119	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	299	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	119	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	119	U	0.12
Naphthalene	91-20-3	2	10	2.0	119	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	119	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	82	86-120	80-120	71-106
Toluene-d8	2037-26-5	86	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	129	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount *Final soil or sediment results reported on a dry weight basis*

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0648

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-12DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-134	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/19/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	500
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	82
Laboratory Data File:	01111914	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	2987	U	2.99
Chloromethane	74-87-3	5	25	4.9	2987	U	2.99
Vinyl Chloride	75-01-4	2	10	2.0	1195	U	1.19
Bromomethane	74-83-9	5	25	4.9	2987	U	2.99
Chloroethane	75-00-3	5	25	4.9	2987	U	2.99
Trichlorofluoromethane	75-69-4	2	10	2.0	1195	U	1.19
Carbon Disulfide	75-15-0	5	25	4.9	2987	U	2.99
Acetone	67-64-1	10	10	2.0	1195	U	1.19
1,1-Dichloroethene	75-35-4	2	10	2.0	1195	U	1.19
1,1-Dichloroethane	107-06-2	2	10	2.0	1195	U	1.19
Methylene Chloride	**75-09-2**	**2**	**7**	**1.5**	**886**	**J**	**0.89**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	1195	U	1.19
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	1195	U	1.19
2,2-Dichloropropane	590-20-7	2	10	2.0	1195	U	1.19
Bromochloromethane	74-97-5	2	10	2.0	1195	U	1.19
Chloroform	67-66-3	2	10	2.0	1195	U	1.19
1,2-Dichloroethane	107-06-2	2	10	2.0	1195	U	1.19
2-Butanone	78-93-3	10	10	2.0	1195	U	1.19
1,1,1-Trichloroethane	71-55-6	2	10	2.0	1195	U	1.19
2-Chloroethylvinyl ether		2	10	2.0	1195	U	1.19
Carbon tetrachloride	56-15-0	2	10	2.0	1195	U	1.19
1,1-Dichloropropene	563-58-6	2	10	2.0	1195	U	1.19
1,2-Dichloropropane	78-87-5	2	10	2.0	1195	U	1.19
Bromodichloromethane	75-27-4	2	10	2.0	1195	U	1.19
Dibromomethane	75-95-3	2	10	2.0	1195	U	1.19
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	1195	U	1.19
Trichloroethene	79-01-6	2	10	2.0	1195	U	1.19
Benzene	**71-43-2**	**2**	**102**	**20.0**	**12199**		**12.2**
1,3-Dichloropropane	142-28-9	2	10	2.0	1195	U	1.19
Dibromochloromethane	124-48-1	2	10	2.0	1195	U	1.19
1,2-Dibromoethane	106-93-4	2	10	2.0	1195	U	1.19
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	1195	U	1.19
1,1,2-Trichloroethane	79-00-5	2	10	2.0	1195	U	1.19
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	5974	U	5.97
2-Hexanone	591-78-6	10	50	9.8	5974	U	5.97
Tetrachloroethene	127-18-4	2	10	2.0	1195	U	1.19
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	1195	U	1.19
Bromoform	75-25-2	2	10	2.0	1195	U	1.19
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	1195	U	1.19
Toluene	**108-88-3**	**2**	**9**	**1.7**	**1033**	**J**	**1.03**
Chlorobenzene	108-90-7	2	10	2.0	1195	U	1.19
Ethyl benzene	**100-41-4**	**2**	**55**	**10.9**	**6621**		**6.62**
Styrene	100-42-5	2	10	2.0	1195	U	1.19
m&p Xylene	**1330-20-7**	**4**	**25**	**4.9**	**3001**		**3.00**
o-Xylene	95-47-6	2	10	2.0	1195	U	1.19
1,3-Dichlorobenzene	541-73-1	2	10	2.0	1195	U	1.19
1,4-Dichlorobenzene	106-46-7	2	10	2.0	1195	U	1.19
n-Butyl benzene	**104-51-8**	**2**	**263**	**51.7**	**31473**		**31.5**
1,2-Dichlorobenzene	95-50-1	2	10	2.0	1195	U	1.19
Isopropyl benzene	**98-82-8**	**2**	**638**	**125.0**	**76166**		**76.2**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	1195	U	1.19
Bromobenzene	108-86-1	2	10	2.0	1195	U	1.19
n-Propylbenzene	**103-65-1**	**2**	**655**	**128.4**	**78221**		**78.2**
2-Chlorotoluene	95-49-8	2	10	2.0	1195	U	1.19
4-Chlorotoluene	106-43-4	2	10	2.0	1195	U	1.19
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**164**	**32.2**	**19613**		**19.61**
tert-Butylbenzene	98-06-6	2	10	2.0	1195	U	1.19
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**10**	**2.0**	**1191**	**J**	**1.19**
sec-Butylbenzene	**135-98-8**	**2**	**84**	**16.5**	**10079**		**10.1**
p-Isopropyltoluene	99-82-8	2	10	2.0	1195	U	1.19
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	2987	U	2.99
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	1195	U	1.19
Hexachlorobutadiene	87-68-3	2	10	2.0	1195	U	1.19
Naphthalene	**91-20-3**	**2**	**61**	**12.0**	**7312**		**7.31**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	1195	U	1.19

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	119	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	115	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
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SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.4
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-13	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-138	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	97
Laboratory Data File:	01111721	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.6	238	U	0.24
Chloromethane	74-87-3	5	25	4.6	238	U	0.24
Vinyl Chloride	75-01-4	2	10	1.9	95	U	0.10
Bromomethane	74-83-9	5	25	4.6	238	U	0.24
Chloroethane	75-00-3	5	25	4.6	238	U	0.24
Trichlorofluoromethane	75-69-4	2	10	1.9	95	U	0.10
Carbon Disulfide	75-15-0	5	25	4.6	238	U	0.24
Acetone	67-64-1	10	10	1.9	95	U	0.10
1,1-Dichloroethene	75-35-4	2	10	1.9	95	U	0.10
1,1-Dichloroethane	107-06-2	2	10	1.9	95	U	0.10
Methylene Chloride	**75-09-2**	**2**	**213**	**39.5**	**2034**	**B**	**2.03**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	95	U	0.10
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	95	U	0.10
2,2-Dichloropropane	590-20-7	2	10	1.9	95	U	0.10
Bromochloromethane	74-97-5	2	10	1.9	95	U	0.10
Chloroform	67-66-3	2	10	1.9	95	U	0.10
1,2-Dichloroethane	107-06-2	2	10	1.9	95	U	0.10
2-Butanone	**78-93-3**	**10**	**88**	**16.4**	**842**		**0.84**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	95	U	0.10
2-Chloroethylvinyl ether		2	10	1.9	95	U	0.10
Carbon tetrachloride	56-15-0	2	10	1.9	95	U	0.10
1,1-Dichloropropene	563-58-6	2	10	1.9	95	U	0.10
1,2-Dichloropropane	78-87-5	2	10	1.9	95	U	0.10
Bromodichloromethane	75-27-4	2	10	1.9	95	U	0.10
Dibromomethane	75-95-3	2	10	1.9	95	U	0.10
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	95	U	0.10
Trichloroethene	79-01-6	2	10	1.9	95	U	0.10
Benzene	71-43-2	2	10	1.9	95	U	0.10
1,3-Dichloropropane	142-28-9	2	10	1.9	95	U	0.10
Dibromochloromethane	124-48-1	2	10	1.9	95	U	0.10
1,2-Dibromoethane	106-93-4	2	10	1.9	95	U	0.10
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	95	U	0.10
1,1,2-Trichloroethane	79-00-5	2	10	1.9	95	U	0.10
4-Methyl-2-Pentanone	108-10-1	10	50	9.3	477	U	0.48
2-Hexanone	591-78-6	10	50	9.3	477	U	0.48
Tetrachloroethene	127-18-4	2	10	1.9	95	U	0.10
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	95	U	0.10
Bromoform	75-25-2	2	10	1.9	95	U	0.10
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	95	U	0.10
Toluene	108-88-3	2	10	1.9	95	U	0.10
Chlorobenzene	108-90-7	2	10	1.9	95	U	0.10
Ethyl benzene	100-41-4	2	10	1.9	95	U	0.10
Styrene	100-42-5	2	10	1.9	95	U	0.10
m&p Xylene	1330-20-7	4	10	1.9	95	U	0.10
o-Xylene	95-47-6	2	10	1.9	95	U	0.10
1,3-Dichlorobenzene	541-73-1	2	10	1.9	95	U	0.10
1,4-Dichlorobenzene	106-46-7	2	10	1.9	95	U	0.10
n-Butyl benzene	**104-51-8**	**2**	**6**	**1.2**	**59**	**J**	**0.06**
1,2-Dichlorobenzene	95-50-1	2	10	1.9	95	U	0.10
Isopropyl benzene	98-82-8	2	10	1.9	95	U	0.10
1,2,3-Trichloropropane	96-18-4	2	10	1.9	95	U	0.10
Bromobenzene	108-86-1	2	10	1.9	95	U	0.10
n-Propylbenzene	**103-65-1**	**2**	**12**	**2.3**	**118**		**0.12**
2-Chlorotoluene	95-49-8	2	10	1.9	95	U	0.10
4-Chlorotoluene	106-43-4	2	10	1.9	95	U	0.10
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	95	U	0.10
tert-Butylbenzene	98-06-6	2	10	1.9	95	U	0.10
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**5**	**1.0**	**50**	**J**	**0.05**
sec-Butylbenzene	135-98-8	2	10	1.9	95	U	0.10
p-Isopropyltoluene	99-82-8	2	10	1.9	95	U	0.10
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.6	238	U	0.24
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	95	U	0.10
Hexachlorobutadiene	87-68-3	2	10	1.9	95	U	0.10
Naphthalene	91-20-3	2	10	1.9	95	U	0.10
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	95	U	0.10

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	101	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
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SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	5.2
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-14	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-148	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount	
Prep Batch Number	111601	Percent Solids	76
Laboratory Data File:	01111722	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	316	U	0.32
Chloromethane	74-87-3	5	25	4.8	316	U	0.32
Vinyl Chloride	75-01-4	2	10	1.9	126	U	0.13
Bromomethane	74-83-9	5	25	4.8	316	U	0.32
Chloroethane	75-00-3	5	25	4.8	316	U	0.32
Trichlorofluoromethane	75-69-4	2	10	1.9	126	U	0.13
Carbon Disulfide	75-15-0	5	25	4.8	316	U	0.32
Acetone	67-64-1	10	10	1.9	126	U	0.13
1,1-Dichloroethene	75-35-4	2	10	1.9	126	U	0.13
1,1-Dichloroethane	107-06-2	2	10	1.9	126	U	0.13
Methylene Chloride	**75-09-2**	**2**	**149**	**28.6**	**1881**	**B**	**1.88**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	126	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	126	U	0.13
2,2-Dichloropropane	590-20-7	2	10	1.9	126	U	0.13
Bromochloromethane	74-97-5	2	10	1.9	126	U	0.13
Chloroform	67-66-3	2	10	1.9	126	U	0.13
1,2-Dichloroethane	107-06-2	2	10	1.9	126	U	0.13
2-Butanone	**78-93-3**	**10**	**68**	**13.0**	**857**		**0.86**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	126	U	0.13
2-Chloroethylvinyl ether		2	10	1.9	126	U	0.13
Carbon tetrachloride	56-15-0	2	10	1.9	126	U	0.13
1,1-Dichloropropene	563-58-6	2	10	1.9	126	U	0.13
1,2-Dichloropropane	78-87-5	2	10	1.9	126	U	0.13
Bromodichloromethane	75-27-4	2	10	1.9	126	U	0.13
Dibromomethane	75-95-3	2	10	1.9	126	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	126	U	0.13
Trichloroethene	79-01-6	2	10	1.9	126	U	0.13
Benzene	71-43-2	2	10	1.9	126	U	0.13
1,3-Dichloropropane	142-28-9	2	10	1.9	126	U	0.13
Dibromochloromethane	124-48-1	2	10	1.9	126	U	0.13
1,2-Dibromoethane	106-93-4	2	10	1.9	126	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	126	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	1.9	126	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	632	U	0.63
2-Hexanone	591-78-6	10	50	9.6	632	U	0.63
Tetrachloroethene	127-18-4	2	10	1.9	126	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	126	U	0.13
Bromoform	75-25-2	2	10	1.9	126	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	126	U	0.13
Toluene	**108-88-3**	**2**	**6**	**1.2**	**81**	**J**	**0.08**
Chlorobenzene	108-90-7	2	10	1.9	126	U	0.13
Ethyl benzene	100-41-4	2	10	1.9	126	U	0.13
Styrene	100-42-5	2	10	1.9	126	U	0.13
m&p Xylene	1330-20-7	4	10	1.9	126	U	0.13
o-Xylene	95-47-6	2	10	1.9	126	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	1.9	126	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	1.9	126	U	0.13
n-Butyl benzene	104-51-8	2	10	1.9	126	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	1.9	126	U	0.13
Isopropyl benzene	98-82-8	2	10	1.9	126	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	1.9	126	U	0.13
Bromobenzene	108-86-1	2	10	1.9	126	U	0.13
n-Propylbenzene	103-65-1	2	10	1.9	126	U	0.13
2-Chlorotoluene	95-49-8	2	10	1.9	126	U	0.13
4-Chlorotoluene	106-43-4	2	10	1.9	126	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	126	U	0.13
tert-Butylbenzene	98-06-6	2	10	1.9	126	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	126	U	0.13
sec-Butylbenzene	135-98-8	2	10	1.9	126	U	0.13
p-Isopropyltoluene	99-82-8	2	10	1.9	126	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	316	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	126	U	0.13
Hexachlorobutadiene	87-68-3	2	10	1.9	126	U	0.13
Naphthalene	91-20-3	2	10	1.9	126	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	126	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	103	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.2
Lab Delivery Group:	URS111601	Lab Prep Date	11/16/01
Lab Sample ID:	URS111601-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-155	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	87
Laboratory Data File:	01111723	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	278	U	0.28
Chloromethane	74-87-3	5	25	4.8	278	U	0.28
Vinyl Chloride	75-01-4	2	10	1.9	111	U	0.11
Bromomethane	74-83-9	5	25	4.8	278	U	0.28
Chloroethane	75-00-3	5	25	4.8	278	U	0.28
Trichlorofluoromethane	75-69-4	2	10	1.9	111	U	0.11
Carbon Disulfide	75-15-0	5	25	4.8	278	U	0.28
Acetone	67-64-1	10	10	1.9	111	U	0.11
1,1-Dichloroethene	75-35-4	2	10	1.9	111	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.9	111	U	0.11
Methylene Chloride	**75-09-2**	**2**	**180**	**34.5**	**1996**	**B**	**2.00**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	111	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	111	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.9	111	U	0.11
Bromochloromethane	74-97-5	2	10	1.9	111	U	0.11
Chloroform	67-66-3	2	10	1.9	111	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.9	111	U	0.11
2-Butanone	**78-93-3**	**10**	**81**	**15.5**	**897**		**0.90**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	111	U	0.11
2-Chloroethylvinyl ether		2	10	1.9	111	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.9	111	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.9	111	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.9	111	U	0.11
Bromodichloromethane	75-27-4	2	10	1.9	111	U	0.11
Dibromomethane	75-95-3	2	10	1.9	111	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	111	U	0.11
Trichloroethene	79-01-6	2	10	1.9	111	U	0.11
Benzene	71-43-2	2	10	1.9	111	U	0.11
1,3-Dichloropropane	142-28-9	2	10	1.9	111	U	0.11
Dibromochloromethane	124-48-1	2	10	1.9	111	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.9	111	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	111	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.9	111	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	556	U	0.56
2-Hexanone	591-78-6	10	50	9.6	556	U	0.56
Tetrachloroethene	127-18-4	2	10	1.9	111	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	111	U	0.11
Bromoform	75-25-2	2	10	1.9	111	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	111	U	0.11
Toluene	108-88-3	2	10	1.9	111	U	0.11
Chlorobenzene	108-90-7	2	10	1.9	111	U	0.11
Ethyl benzene	100-41-4	2	10	1.9	111	U	0.11
Styrene	100-42-5	2	10	1.9	111	U	0.11
m&p Xylene	1330-20-7	4	10	1.9	111	U	0.11
o-Xylene	95-47-6	2	10	1.9	111	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	1.9	111	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	1.9	111	U	0.11
n-Butyl benzene	104-51-8	2	10	1.9	111	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	1.9	111	U	0.11
Isopropyl benzene	98-82-8	2	10	1.9	111	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	1.9	111	U	0.11
Bromobenzene	108-86-1	2	10	1.9	111	U	0.11
n-Propylbenzene	103-65-1	2	10	1.9	111	U	0.11
2-Chlorotoluene	95-49-8	2	10	1.9	111	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.9	111	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	111	U	0.11
tert-Butylbenzene	98-06-6	2	10	1.9	111	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	111	U	0.11
sec-Butylbenzene	135-98-8	2	10	1.9	111	U	0.11
p-Isopropyltoluene	99-82-8	2	10	1.9	111	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	278	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	111	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.9	111	U	0.11
Naphthalene	91-20-3	2	10	1.9	111	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	111	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date	11/16/01
Lab Sample ID:	URS111601-16	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-163	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/29/01
Date Sample Received:	11/16/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	94
Laboratory Data File:	01112906	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	267	U	0.27
Chloromethane	74-87-3	5	25	5.0	267	U	0.27
Vinyl Chloride	75-01-4	2	10	2.0	107	U	0.11
Bromomethane	74-83-9	5	25	5.0	267	U	0.27
Chloroethane	75-00-3	5	25	5.0	267	U	0.27
Trichlorofluoromethane	75-69-4	2	10	2.0	107	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	267	U	0.27
Acetone	67-64-1	10	10	2.0	107	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	107	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	107	U	0.11
Methylene Chloride	**75-09-2**	**2**	**15**	**3.0**	**161**	**B**	**0.16**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	107	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	107	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	107	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	107	U	0.11
Chloroform	67-66-3	2	10	2.0	107	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	107	U	0.11
2-Butanone	**78-93-3**	**10**	**47**	**9.4**	**503**		**0.50**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	107	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	107	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	107	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	107	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	107	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	107	U	0.11
Dibromomethane	75-95-3	2	10	2.0	107	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	107	U	0.11
Trichloroethene	79-01-6	2	10	2.0	107	U	0.11
Benzene	71-43-2	2	10	2.0	107	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	107	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	107	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	107	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	107	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	107	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	534	U	0.53
2-Hexanone	591-78-6	10	50	10.0	534	U	0.53
Tetrachloroethene	127-18-4	2	10	2.0	107	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	107	U	0.11
Bromoform	75-25-2	2	10	2.0	107	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	107	U	0.11
Toluene	108-88-3	2	10	2.0	107	U	0.11
Chlorobenzene	108-90-7	2	10	2.0	107	U	0.11
Ethyl benzene	100-41-4	2	10	2.0	107	U	0.11
Styrene	100-42-5	2	10	2.0	107	U	0.11
m&p Xylene	1330-20-7	4	10	2.0	107	U	0.11
o-Xylene	95-47-6	2	10	2.0	107	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	2.0	107	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	2.0	107	U	0.11
n-Butyl benzene	104-51-8	2	10	2.0	107	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	107	U	0.11
Isopropyl benzene	98-82-8	2	10	2.0	107	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	107	U	0.11
Bromobenzene	108-86-1	2	10	2.0	107	U	0.11
n-Propylbenzene	103-65-1	2	10	2.0	107	U	0.11
2-Chlorotoluene	95-49-8	2	10	2.0	107	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	107	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	107	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	107	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	107	U	0.11
sec-Butylbenzene	135-98-8	2	10	2.0	107	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	107	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	267	U	0.27
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	107	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	107	U	0.11
Naphthalene	91-20-3	2	10	2.0	107	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	107	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-17	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-172	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	94
Laboratory Data File:	01112925	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	267	U	0.27
Chloromethane	74-87-3	5	25	5.0	267	U	0.27
Vinyl Chloride	75-01-4	2	10	2.0	107	U	0.11
Bromomethane	74-83-9	5	25	5.0	267	U	0.27
Chloroethane	75-00-3	5	25	5.0	267	U	0.27
Trichlorofluoromethane	75-69-4	2	10	2.0	107	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	267	U	0.27
Acetone	67-64-1	10	10	2.0	107	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	107	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	107	U	0.11
Methylene Chloride	**75-09-2**	**2**	**40**	**7.9**	**424**	**B**	**0.42**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	107	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	107	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	107	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	107	U	0.11
Chloroform	67-66-3	2	10	2.0	107	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	107	U	0.11
2-Butanone	**78-93-3**	**10**	**65**	**13.0**	**692**		**0.69**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	107	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	107	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	107	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	107	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	107	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	107	U	0.11
Dibromomethane	75-95-3	2	10	2.0	107	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	107	U	0.11
Trichloroethene	79-01-6	2	10	2.0	107	U	0.11
Benzene	71-43-2	2	10	2.0	107	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	107	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	107	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	107	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	107	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	107	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	534	U	0.53
2-Hexanone	591-78-6	10	50	10.0	534	U	0.53
Tetrachloroethene	127-18-4	2	10	2.0	107	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	107	U	0.11
Bromoform	75-25-2	2	10	2.0	107	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	107	U	0.11
Toluene	108-88-3	2	10	2.0	107	U	0.11
Chlorobenzene	108-90-7	2	10	2.0	107	U	0.11
Ethyl benzene	100-41-4	2	10	2.0	107	U	0.11
Styrene	100-42-5	2	10	2.0	107	U	0.11
m&p Xylene	1330-20-7	4	10	2.0	107	U	0.11
o-Xylene	95-47-6	2	10	2.0	107	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	2.0	107	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	2.0	107	U	0.11
n-Butyl benzene	104-51-8	2	10	2.0	107	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	107	U	0.11
Isopropyl benzene	98-82-8	2	10	2.0	107	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	107	U	0.11
Bromobenzene	108-86-1	2	10	2.0	107	U	0.11
n-Propylbenzene	103-65-1	2	10	2.0	107	U	0.11
2-Chlorotoluene	95-49-8	2	10	2.0	107	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	107	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	107	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	107	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	107	U	0.11
sec-Butylbenzene	135-98-8	2	10	2.0	107	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	107	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	267	U	0.27
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	107	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	107	U	0.11
Naphthalene	91-20-3	2	10	2.0	107	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	107	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	102	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	97	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-18	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-183	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111601	Percent Solids:	78
Laboratory Data File:	01112926	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	320	U	0.32
Chloromethane	74-87-3	5	25	5.0	320	U	0.32
Vinyl Chloride	75-01-4	2	10	2.0	128	U	0.13
Bromomethane	74-83-9	5	25	5.0	320	U	0.32
Chloroethane	75-00-3	5	25	5.0	320	U	0.32
Trichlorofluoromethane	75-69-4	2	10	2.0	128	U	0.13
Carbon Disulfide	75-15-0	5	25	5.0	320	U	0.32
Acetone	67-64-1	10	10	2.0	128	U	0.13
1,1-Dichloroethene	75-35-4	2	10	2.0	128	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	128	U	0.13
Methylene Chloride	**75-09-2**	**2**	**83**	**16.7**	**1070**	**B**	**1.07**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	128	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	128	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	128	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	128	U	0.13
Chloroform	67-66-3	2	10	2.0	128	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	128	U	0.13
2-Butanone	**78-93-3**	**10**	**67**	**13.5**	**863**		**0.86**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	128	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	128	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	128	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	128	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	128	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	128	U	0.13
Dibromomethane	75-95-3	2	10	2.0	128	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	128	U	0.13
Trichloroethene	79-01-6	2	10	2.0	128	U	0.13
Benzene	71-43-2	2	10	2.0	128	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	128	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	128	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	128	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	128	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	128	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	641	U	0.64
2-Hexanone	591-78-6	10	50	10.0	641	U	0.64
Tetrachloroethene	**127-18-4**	**2**	**6**	**1.1**	**73**	**J**	**0.07**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	128	U	0.13
Bromoform	75-25-2	2	10	2.0	128	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	128	U	0.13
Toluene	108-88-3	2	10	2.0	128	U	0.13
Chlorobenzene	108-90-7	2	10	2.0	128	U	0.13
Ethyl benzene	100-41-4	2	10	2.0	128	U	0.13
Styrene	100-42-5	2	10	2.0	128	U	0.13
m&p Xylene	1330-20-7	4	10	2.0	128	U	0.13
o-Xylene	95-47-6	2	10	2.0	128	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	2.0	128	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	128	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	128	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	128	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	128	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	128	U	0.13
Bromobenzene	108-86-1	2	10	2.0	128	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	128	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	128	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	128	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	128	U	0.13
tert-Butylbenzene	98-06-6	2	10	2.0	128	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	128	U	0.13
sec-Butylbenzene	135-98-8	2	10	2.0	128	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	128	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	320	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	128	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	128	U	0.13
Naphthalene	91-20-3	2	10	2.0	128	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	128	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	104	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	100	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.2
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-01	Prep Method 1.	SW5035
Field Sample ID.	GCMS-Q-127	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type.	F	Dilution Factor	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	84
Laboratory Data File:	01111207	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	285	U	0.28
Chloromethane	74-87-3	5	25	4.8	285	U	0.28
Vinyl Chloride	75-01-4	2	10	1.9	114	U	0.11
Bromomethane	74-83-9	5	25	4.8	285	U	0.28
Chloroethane	75-00-3	5	25	4.8	285	U	0.28
Trichlorofluoromethane	75-69-4	2	10	1.9	114	U	0.11
Carbon Disulfide	75-15-0	5	25	4.8	285	U	0.28
Acetone	**67-64-1**	**10**	**62**	**11.9**	**705**	**B**	**0.70**
1,1-Dichloroethene	75-35-4	2	10	1.9	114	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.9	114	U	0.11
Methylene Chloride	**75-09-2**	**2**	**107**	**20.5**	**1216**	**B**	**1.22**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	114	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	114	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.9	114	U	0.11
Bromochloromethane	74-97-5	2	10	1.9	114	U	0.11
Chloroform	67-66-3	2	10	1.9	114	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.9	114	U	0.11
2-Butanone	**78-93-3**	**10**	**49**	**9.4**	**558**	**B**	**0.56**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	114	U	0.11
2-Chloroethylvinyl ether		2	10	1.9	114	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.9	114	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.9	114	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.9	114	U	0.11
Bromodichloromethane	75-27-4	2	10	1.9	114	U	0.11
Dibromomethane	75-95-3	2	10	1.9	114	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	114	U	0.11
Trichloroethene	79-01-6	2	10	1.9	114	U	0.11
Benzene	**71-43-2**	**2**	**19**	**3.7**	**222**		**0.22**
1,3-Dichloropropane	142-28-9	2	10	1.9	114	U	0.11
Dibromochloromethane	124-48-1	2	10	1.9	114	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.9	114	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	114	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.9	114	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	569	U	0.57
2-Hexanone	591-78-6	10	50	9.6	569	U	0.57
Tetrachloroethene	**127-18-4**	**2**	**19**	**3.7**	**219**		**0.22**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	114	U	0.11
Bromoform	75-25-2	2	10	1.9	114	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	114	U	0.11
Toluene	**108-88-3**	**2**	**40**	**7.8**	**459**		**0.46**
Chlorobenzene	**108-90-7**	**2**	**21**	**4.1**	**245**		**0.24**
Ethyl benzene	**100-41-4**	**2**	**43**	**8.3**	**493**		**0.49**
Styrene	100-42-5	2	10	1.9	114	U	0.11
m&p Xylene	**1330-20-7**	**4**	**47**	**9.1**	**537**		**0.54**
o-Xylene	**95-47-6**	**2**	**16**	**3.1**	**186**		**0.19**
1,3-Dichlorobenzene	541-73-1	2	10	1.9	114	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**63**	**12.1**	**717**		**0.72**
n-Butyl benzene	104-51-8	2	10	1.9	114	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	1.9	114	U	0.11
Isopropyl benzene	**98-82-8**	**2**	**13**	**2.5**	**150**		**0.15**
1,2,3-Trichloropropane	96-18-4	2	10	1.9	114	U	0.11
Bromobenzene	108-86-1	2	10	1.9	114	U	0.11
n-Propylbenzene	**103-65-1**	**2**	**14**	**2.7**	**161**		**0.16**
2-Chlorotoluene	95-49-8	2	10	1.9	114	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.9	114	U	0 11
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**13**	**2.5**	**150**		**0.15**
tert-Butylbenzene	98-06-6	2	10	1.9	114	U	0 11
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**23**	**4.5**	**264**		**0.26**
sec-Butylbenzene	**135-98-8**	**2**	**11**	**2.1**	**125**		**0.13**
p-Isopropyltoluene	99-82-8	2	10	1.9	114	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	285	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	114	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.9	114	U	0.11
Naphthalene	91-20-3	2	10	1.9	114	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	114	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon Pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-173	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received.	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type.	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	83
Laboratory Data File:	01111208	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	300	U	0.30
Chloromethane	74-87-3	5	25	5.0	300	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	120	U	0.12
Bromomethane	74-83-9	5	25	5.0	300	U	0.30
Chloroethane	75-00-3	5	25	5.0	300	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	120	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	300	U	0.30
Acetone	**67-64-1**	**10**	**27**	**5.4**	**323**	**B**	**0.32**
1,1-Dichloroethene	75-35-4	2	10	2.0	120	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	120	U	0 12
Methylene Chloride	**75-09-2**	**2**	**59**	**11.8**	**708**	**B**	**0.71**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	120	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	120	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	120	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	120	U	0.12
Chloroform	67-66-3	2	10	2.0	120	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
2-Butanone	**78-93-3**	**10**	**50**	**10.0**	**599**	**B**	**0.60**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	120	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	120	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	120	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	120	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	120	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	120	U	0.12
Dibromomethane	75-95-3	2	10	2.0	120	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	120	U	0.12
Trichloroethene	79-01-6	2	10	2.0	120	U	0.12
Benzene	71-43-2	2	10	2.0	120	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	120	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	120	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	120	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	120	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	120	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	601	U	0.60
2-Hexanone	591-78-6	10	50	10.0	601	U	0.60
Tetrachloroethene	127-18-4	2	10	2.0	120	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	120	U	0.12
Bromoform	75-25-2	2	10	2.0	120	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	120	U	0.12
Toluene	**108-88-3**	**2**	**20**	**4.1**	**243**		**0.24**
Chlorobenzene	**108-90-7**	**2**	**48**	**9.6**	**574**		**0.57**
Ethyl benzene	**100-41-4**	**2**	**25**	**5.0**	**299**		**0.30**
Styrene	100-42-5	2	10	2.0	120	U	0.12
m&p Xylene	**1330-20-7**	**4**	**74**	**14.8**	**886**		**0.89**
o-Xylene	**95-47-6**	**2**	**18**	**3.5**	**213**		**0.21**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	120	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**61**	**12.2**	**733**		**0.73**
n-Butyl benzene	**104-51-8**	**2**	**80**	**16.0**	**959**		**0.96**
1,2-Dichlorobenzene	95-50-1	2	10	2.0	120	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	120	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	120	U	0.12
Bromobenzene	108-86-1	2	10	2.0	120	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	120	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	120	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	120	U	0.12
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**18**	**3.6**	**218**		**0.22**
tert-Butylbenzene	98-06-6	2	10	2.0	120	U	0.12
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**111**	**22.1**	**1330**		**1.33**
sec-Butylbenzene	**135-98-8**	**2**	**59**	**11.7**	**705**		**0.71**
p-Isopropyltoluene	99-82-8	2	10	2.0	120	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	300	U	0.30
1,2,4-Trichlorobenzene	**120-82-1**	**2**	**13**	**2.7**	**161**		**0.16**
Hexachlorobutadiene	87-68-3	2	10	2.0	120	U	0.12
Naphthalene	**91-20-3**	**2**	**21**	**4.1**	**247**		**0.25**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	120	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	148	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract		Sample Amount:	5.5
Lab Delivery Group	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-119	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	86
Laboratory Data File:	01111209	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.5	265	U	0.26
Chloromethane	74-87-3	5	25	4.5	265	U	0.26
Vinyl Chloride	75-01-4	2	10	1.8	106	U	0.11
Bromomethane	74-83-9	5	25	4.5	265	U	0.26
Chloroethane	75-00-3	5	25	4.5	265	U	0.26
Trichlorofluoromethane	75-69-4	2	10	1.8	106	U	0.11
Carbon Disulfide	75-15-0	5	25	4.5	265	U	0.26
Acetone	67-64-1	10	25	4.5	265	U	0.26
1,1-Dichloroethene	75-35-4	2	10	1.8	106	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.8	106	U	0.11
Methylene Chloride	**75-09-2**	**2**	**49**	**8.9**	**519**	**B**	**0.52**
trans-1,2-Dichloroethene	156-60-5	2	10	1.8	106	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.8	106	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.8	106	U	0.11
Bromochloromethane	74-97-5	2	10	1.8	106	U	0.11
Chloroform	67-66-3	2	10	1.8	106	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.8	106	U	0.11
2-Butanone	**78-93-3**	**10**	**47**	**8.5**	**493**	**B**	**0.49**
1,1,1-Trichloroethane	71-55-6	2	10	1.8	106	U	0.11
2-Chloroethylvinyl ether		2	10	1.8	106	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.8	106	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.8	106	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.8	106	U	0.11
Bromodichloromethane	75-27-4	2	10	1.8	106	U	0.11
Dibromomethane	75-95-3	2	10	1.8	106	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.8	106	U	0.11
Trichloroethene	79-01-6	2	10	1.8	106	U	0.11
Benzene	71-43-2	2	10	1.8	106	U	0.11
1,3-Dichloropropane	142-28-9	2	10	1.8	106	U	0.11
Dibromochloromethane	124-48-1	2	10	1.8	106	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.8	106	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.8	106	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.8	106	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.1	530	U	0.53
2-Hexanone	591-78-6	10	50	9.1	530	U	0.53
Tetrachloroethene	127-18-4	2	10	1.8	106	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.8	106	U	0.11
Bromoform	75-25-2	2	10	1.8	106	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.8	106	U	0.11
Toluene	108-88-3	2	10	1.8	106	U	0.11
Chlorobenzene	108-90-7	2	10	1.8	106	U	0.11
Ethyl benzene	100-41-4	2	10	1.8	106	U	0.11
Styrene	100-42-5	2	10	1.8	106	U	0.11
m&p Xylene	1330-20-7	4	10	1.8	106	U	0.11
o-Xylene	95-47-6	2	10	1.8	106	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	1.8	106	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	1.8	106	U	0.11
n-Butyl benzene	104-51-8	2	10	1.8	106	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	1.8	106	U	0.11
Isopropyl benzene	98-82-8	2	10	1.8	106	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	1.8	106	U	0.11
Bromobenzene	108-86-1	2	10	1.8	106	U	0.11
n-Propylbenzene	103-65-1	2	10	1.8	106	U	0.11
2-Chlorotoluene	95-49-8	2	10	1.8	106	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.8	106	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	1.8	106	U	0.11
tert-Butylbenzene	98-06-6	2	10	1.8	106	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	1.8	106	U	0.11
sec-Butylbenzene	135-98-8	2	10	1.8	106	U	0.11
p-Isopropyltoluene	99-82-8	2	10	1.8	106	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.5	265	U	0.26
1,2,4-Trichlorobenzene	120-82-1	2	10	1.8	106	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.8	106	U	0.11
Naphthalene	91-20-3	2	10	1.8	106	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	1.8	106	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	114	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5 2
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-125	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	82
Laboratory Data File:	01111210	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	292	U	0.29
Chloromethane	74-87-3	5	25	4.8	292	U	0.29
Vinyl Chloride	75-01-4	2	10	1.9	117	U	0.12
Bromomethane	74-83-9	5	25	4.8	292	U	0.29
Chloroethane	75-00-3	5	25	4.8	292	U	0.29
Trichlorofluoromethane	75-69-4	2	10	1.9	117	U	0.12
Carbon Disulfide	75-15-0	5	25	4.8	292	U	0.29
Acetone	**67-64-1**	**10**	**55**	**10.6**	**644**	**B**	**0.64**
1,1-Dichloroethene	75-35-4	2	10	1.9	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	1.9	117	U	0.12
Methylene Chloride	**75-09-2**	**2**	**52**	**10.0**	**605**	**B**	**0.61**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	117	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	117	U	0.12
2,2-Dichloropropane	590-20-7	2	10	1.9	117	U	0.12
Bromochloromethane	74-97-5	2	10	1.9	117	U	0.12
Chloroform	67-66-3	2	10	1.9	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	1.9	117	U	0.12
2-Butanone	**78-93-3**	**10**	**47**	**9.0**	**546**	**B**	**0.55**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	117	U	0.12
2-Chloroethylvinyl ether		2	10	1.9	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	1.9	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	1.9	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	1.9	117	U	0.12
Bromodichloromethane	75-27-4	2	10	1.9	117	U	0.12
Dibromomethane	75-95-3	2	10	1.9	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	117	U	0.12
Trichloroethene	79-01-6	2	10	1.9	117	U	0.12
Benzene	71-43-2	2	10	1.9	117	U	0.12
1,3-Dichloropropane	142-28-9	2	10	1.9	117	U	0.12
Dibromochloromethane	124-48-1	2	10	1.9	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	1.9	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	1.9	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	585	U	0.58
2-Hexanone	591-78-6	10	50	9.6	585	U	0.58
Tetrachloroethene	127-18-4	2	10	1.9	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	117	U	0.12
Bromoform	75-25-2	2	10	1.9	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	117	U	0.12
Toluene	108-88-3	2	10	1.9	117	U	0.12
Chlorobenzene	**108-90-7**	**2**	**158**	**30.3**	**1842**		**1.84**
Ethyl benzene	100-41-4	2	10	1.9	117	U	0.12
Styrene	100-42-5	2	10	1.9	117	U	0.12
m&p Xylene	1330-20-7	4	10	1.9	117	U	0.12
o-Xylene	95-47-6	2	10	1.9	117	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	1.9	117	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**26**	**5.1**	**308**		**0.31**
n-Butyl benzene	104-51-8	2	10	1.9	117	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	1.9	117	U	0.12
Isopropyl benzene	98-82-8	2	10	1.9	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	1.9	117	U	0.12
Bromobenzene	108-86-1	2	10	1.9	117	U	0.12
n-Propylbenzene	103-65-1	2	10	1.9	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	1.9	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	1.9	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	117	U	0.12
tert-Butylbenzene	98-06-6	2	10	1.9	117	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	117	U	0.12
sec-Butylbenzene	135-98-8	2	10	1.9	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	1.9	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	292	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	1.9	117	U	0.12
Naphthalene	91-20-3	2	10	1.9	117	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	5.2
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID.	URS111701-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-118	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method.	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	75
Laboratory Data File:	01111211	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	321	U	0.32
Chloromethane	74-87-3	5	25	4.8	321	U	0.32
Vinyl Chloride	75-01-4	2	10	1.9	129	U	0.13
Bromomethane	74-83-9	5	25	4.8	321	U	0.32
Chloroethane	75-00-3	5	25	4.8	321	U	0.32
Trichlorofluoromethane	75-69-4	2	10	1.9	129	U	0.13
Carbon Disulfide	75-15-0	5	25	4.8	321	U	0.32
Acetone	**67-64-1**	**10**	**21**	**4.0**	**268**	**B**	**0.27**
1,1-Dichloroethene	75-35-4	2	10	1.9	129	U	0.13
1,1-Dichloroethane	107-06-2	2	10	1.9	129	U	0.13
Methylene Chloride	**75-09-2**	**2**	**51**	**9.8**	**657**	**B**	**0.66**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	129	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	129	U	0.13
2,2-Dichloropropane	590-20-7	2	10	1.9	129	U	0.13
Bromochloromethane	74-97-5	2	10	1.9	129	U	0.13
Chloroform	67-66-3	2	10	1.9	129	U	0.13
1,2-Dichloroethane	107-06-2	2	10	1.9	129	U	0.13
2-Butanone	**78-93-3**	**10**	**43**	**8.3**	**557**	**B**	**0.56**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	129	U	0.13
2-Chloroethylvinyl ether		2	10	1.9	129	U	0.13
Carbon tetrachloride	56-15-0	2	10	1.9	129	U	0.13
1,1-Dichloropropene	563-58-6	2	10	1.9	129	U	0.13
1,2-Dichloropropane	78-87-5	2	10	1.9	129	U	0.13
Bromodichloromethane	75-27-4	2	10	1.9	129	U	0.13
Dibromomethane	75-95-3	2	10	1.9	129	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	129	U	0.13
Trichloroethene	79-01-6	2	10	1.9	129	U	0.13
Benzene	71-43-2	2	10	1.9	129	U	0.13
1,3-Dichloropropane	142-28-9	2	10	1.9	129	U	0.13
Dibromochloromethane	124-48-1	2	10	1.9	129	U	0.13
1,2-Dibromoethane	106-93-4	2	10	1.9	129	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	129	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	1.9	129	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	643	U	0.64
2-Hexanone	591-78-6	10	50	9.6	643	U	0.64
Tetrachloroethene	127-18-4	2	10	1.9	129	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	129	U	0.13
Bromoform	75-25-2	2	10	1.9	129	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	129	U	0.13
Toluene	**108-88-3**	**2**	**11**	**2.0**	**136**		**0.14**
Chlorobenzene	**108-90-7**	**2**	**114**	**21.9**	**1461**		**1.46**
Ethyl benzene	100-41-4	2	10	1.9	129	U	0.13
Styrene	100-42-5	2	10	1.9	129	U	0.13
m&p Xylene	**1330-20-7**	**4**	**16**	**3.2**	**212**		**0.21**
o-Xylene	95-47-6	2	10	1.9	129	U	0.13
1,3-Dichlorobenzene	**541-73-1**	**2**	**13**	**2.5**	**169**		**0.17**
1,4-Dichlorobenzene	**106-46-7**	**2**	**79**	**15.2**	**1013**		**1.01**
n-Butyl benzene	104-51-8	2	10	1.9	129	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	1.9	129	U	0.13
Isopropyl benzene	98-82-8	2	10	1.9	129	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	1.9	129	U	0.13
Bromobenzene	108-86-1	2	10	1.9	129	U	0.13
n-Propylbenzene	103-65-1	2	10	1.9	129	U	0.13
2-Chlorotoluene	95-49-8	2	10	1.9	129	U	0.13
4-Chlorotoluene	106-43-4	2	10	1.9	129	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	129	U	0.13
tert-Butylbenzene	98-06-6	2	10	1.9	129	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	129	U	0.13
sec-Butylbenzene	135-98-8	2	10	1.9	129	U	0.13
p-Isopropyltoluene	99-82-8	2	10	1.9	129	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	321	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	129	U	0.13
Hexachlorobutadiene	87-68-3	2	10	1.9	129	U	0.13
Naphthalene	91-20-3	2	10	1.9	129	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	129	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	104	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.3
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-06	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-113	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	82
Laboratory Data File:	01111212	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.7	288	U	0.29
Chloromethane	74-87-3	5	25	4.7	288	U	0.29
Vinyl Chloride	75-01-4	2	10	1.9	115	U	0.12
Bromomethane	74-83-9	5	25	4.7	288	U	0.29
Chloroethane	75-00-3	5	25	4.7	288	U	0.29
Trichlorofluoromethane	75-69-4	2	10	1.9	115	U	0.12
Carbon Disulfide	75-15-0	5	25	4.7	288	U	0.29
Acetone	67-64-1	10	25	4.7	288	U	0.29
1,1-Dichloroethene	75-35-4	2	10	1.9	115	U	0.12
1,1-Dichloroethane	107-06-2	2	10	1.9	115	U	0.12
Methylene Chloride	**75-09-2**	**2**	**50**	**9.4**	**571**	**B**	**0.57**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	115	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	115	U	0.12
2,2-Dichloropropane	590-20-7	2	10	1.9	115	U	0.12
Bromochloromethane	74-97-5	2	10	1.9	115	U	0.12
Chloroform	67-66-3	2	10	1.9	115	U	0.12
1,2-Dichloroethane	107-06-2	2	10	1.9	115	U	0.12
2-Butanone	**78-93-3**	**10**	**44**	**8.3**	**505**	**B**	**0.50**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	115	U	0.12
2-Chloroethylvinyl ether		2	10	1.9	115	U	0.12
Carbon tetrachloride	56-15-0	2	10	1.9	115	U	0.12
1,1-Dichloropropene	563-58-6	2	10	1.9	115	U	0.12
1,2-Dichloropropane	78-87-5	2	10	1.9	115	U	0.12
Bromodichloromethane	75-27-4	2	10	1.9	115	U	0.12
Dibromomethane	75-95-3	2	10	1.9	115	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	115	U	0.12
Trichloroethene	79-01-6	2	10	1.9	115	U	0.12
Benzene	71-43-2	2	10	1.9	115	U	0.12
1,3-Dichloropropane	142-28-9	2	10	1.9	115	U	0.12
Dibromochloromethane	124-48-1	2	10	1.9	115	U	0.12
1,2-Dibromoethane	106-93-4	2	10	1.9	115	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	115	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	1.9	115	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	9.4	576	U	0.58
2-Hexanone	591-78-6	10	50	9.4	576	U	0.58
Tetrachloroethene	127-18-4	2	10	1.9	115	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	115	U	0.12
Bromoform	75-25-2	2	10	1.9	115	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	115	U	0.12
Toluene	108-88-3	2	10	1.9	115	U	0.12
Chlorobenzene	108-90-7	2	10	1.9	115	U	0.12
Ethyl benzene	100-41-4	2	10	1.9	115	U	0.12
Styrene	100-42-5	2	10	1.9	115	U	0.12
m&p Xylene	1330-20-7	4	10	1.9	115	U	0.12
o-Xylene	95-47-6	2	10	1.9	115	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	1.9	115	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	1.9	115	U	0.12
n-Butyl benzene	104-51-8	2	10	1.9	115	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	1.9	115	U	0.12
Isopropyl benzene	98-82-8	2	10	1.9	115	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	1.9	115	U	0.12
Bromobenzene	108-86-1	2	10	1.9	115	U	0.12
n-Propylbenzene	103-65-1	2	10	1.9	115	U	0.12
2-Chlorotoluene	95-49-8	2	10	1.9	115	U	0.12
4-Chlorotoluene	106-43-4	2	10	1.9	115	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	115	U	0.12
tert-Butylbenzene	98-06-6	2	10	1.9	115	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	115	U	0.12
sec-Butylbenzene	135-98-8	2	10	1.9	115	U	0.12
p-Isopropyltoluene	99-82-8	2	10	1.9	115	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.7	288	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	115	U	0.12
Hexachlorobutadiene	87-68-3	2	10	1.9	115	U	0.12
Naphthalene	91-20-3	2	10	1.9	115	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	115	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-143	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	89
Laboratory Data File:	01111213	Laboratory Code:	STL-OST

Analyte Name.	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	279	U	0.28
Chloromethane	74-87-3	5	25	5.0	279	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	112	U	0.11
Bromomethane	74-83-9	5	25	5.0	279	U	0.28
Chloroethane	75-00-3	5	25	5.0	279	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	112	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	279	U	0.28
Acetone	67-64-1	10	10	2.0	112	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	112	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
Methylene Chloride	**75-09-2**	**2**	**95**	**18.9**	**1059**	**B**	**1.06**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	112	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	112	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	112	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	112	U	0.11
Chloroform	67-66-3	2	10	2.0	112	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
2-Butanone	**78-93-3**	**10**	**46**	**9.1**	**511**	**B**	**0.51**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	112	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	112	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	112	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	112	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	112	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	112	U	0.11
Dibromomethane	75-95-3	2	10	2.0	112	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	112	U	0.11
Trichloroethene	79-01-6	2	10	2.0	112	U	0.11
Benzene	71-43-2	2	10	2.0	112	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	112	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	112	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	112	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	112	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	112	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	559	U	0.56
2-Hexanone	591-78-6	10	50	10.0	559	U	0.56
Tetrachloroethene	**127-18-4**	**2**	**12**	**2.3**	**129**		**0.13**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	112	U	0.11
Bromoform	75-25-2	2	10	2.0	112	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	112	U	0.11
Toluene	**108-88-3**	**2**	**28**	**5.5**	**308**		**0.31**
Chlorobenzene	**108-90-7**	**2**	**119**	**23.8**	**1328**		**1.33**
Ethyl benzene	**100-41-4**	**2**	**16**	**3.3**	**183**		**0.18**
Styrene	100-42-5	2	10	2.0	112	U	0.11
m&p Xylene	**1330-20-7**	**4**	**63**	**12.7**	**710**		**0.71**
o-Xylene	**95-47-6**	**2**	**26**	**5.3**	**295**		**0.30**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	112	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**1548**	**309.6**	**17305**	**E**	**17.3**
n-Butyl benzene	104-51-8	2	10	2.0	112	U	0.11
1,2-Dichlorobenzene	**95-50-1**	**2**	**51**	**10.2**	**570**		**0.57**
Isopropyl benzene	98-82-8	2	10	2.0	112	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	112	U	0.11
Bromobenzene	108-86-1	2	10	2.0	112	U	0.11
n-Propylbenzene	103-65-1	2	10	2.0	112	U	0.11
2-Chlorotoluene	95-49-8	2	10	2.0	112	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	112	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	112	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	112	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	112	U	0.11
sec-Butylbenzene	135-98-8	2	10	2.0	112	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	112	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	279	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	112	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	112	U	0.11
Naphthalene	**91-20-3**	**2**	**31**	**6.2**	**347**		**0.35**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	112	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID	URS111701-07DL	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-143	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	89
Laboratory Data File:	01112607	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	2795	U	2.79
Chloromethane	74-87-3	5	25	5.0	2795	U	2.79
Vinyl Chloride	75-01-4	2	10	2.0	1118	U	1.12
Bromomethane	74-83-9	5	25	5.0	2795	U	2.79
Chloroethane	75-00-3	5	25	5.0	2795	U	2.79
Trichlorofluoromethane	75-69-4	2	10	2.0	1118	U	1.12
Carbon Disulfide	75-15-0	5	25	5.0	2795	U	2.79
Acetone	67-64-1	10	10	2.0	1118	U	1.12
1,1-Dichloroethene	75-35-4	2	10	2.0	1118	U	1.12
1,1-Dichloroethane	107-06-2	2	10	2.0	1118	U	1.12
Methylene Chloride	**75-09-2**	**2**	**14**	**2.7**	**1528**	**B**	**1.53**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	1118	U	1.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	1118	U	1.12
2,2-Dichloropropane	590-20-7	2	10	2.0	1118	U	1.12
Bromochloromethane	74-97-5	2	10	2.0	1118	U	1.12
Chloroform	67-66-3	2	10	2.0	1118	U	1.12
1,2-Dichloroethane	107-06-2	2	10	2.0	1118	U	1.12
2-Butanone	**78-93-3**	**10**	**10**	**2.1**	**1168**	**B**	**1.17**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	1118	U	1.12
2-Chloroethylvinyl ether		2	10	2.0	1118	U	1.12
Carbon tetrachloride	56-15-0	2	10	2.0	1118	U	1.12
1,1-Dichloropropene	563-58-6	2	10	2.0	1118	U	1.12
1,2-Dichloropropane	78-87-5	2	10	2.0	1118	U	1.12
Bromodichloromethane	75-27-4	2	10	2.0	1118	U	1.12
Dibromomethane	75-95-3	2	10	2.0	1118	U	1.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	1118	U	1.12
Trichloroethene	79-01-6	2	10	2.0	1118	U	1.12
Benzene	71-43-2	2	10	2.0	1118	U	1.12
1,3-Dichloropropane	142-28-9	2	10	2.0	1118	U	1.12
Dibromochloromethane	124-48-1	2	10	2.0	1118	U	1.12
1,2-Dibromoethane	106-93-4	2	10	2.0	1118	U	1.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	1118	U	1.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	1118	U	1.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	5590	U	5.59
2-Hexanone	591-78-6	10	50	10.0	5590	U	5.59
Tetrachloroethene	127-18-4	2	10	2.0	1118	U	1.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	1118	U	1.12
Bromoform	75-25-2	2	10	2.0	1118	U	1.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	1118	U	1.12
Toluene	108-88-3	2	10	2.0	1118	U	1.12
Chlorobenzene	**108-90-7**	**2**	**13**	**2.7**	**1492**		**1.49**
Ethyl benzene	100-41-4	2	10	2.0	1118	U	1.12
Styrene	100-42-5	2	10	2.0	1118	U	1.12
m&p Xylene	1330-20-7	4	10	2.0	1118	U	1.12
o-Xylene	95-47-6	2	10	2.0	1118	U	1.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	1118	U	1.12
1,4-Dichlorobenzene	***106-46-7***	**2**	**170**	***34.0***	**19007**		***19.0***
n-Butyl benzene	104-51-8	2	10	2.0	1118	U	1.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	1118	U	1.12
Isopropyl benzene	98-82-8	2	10	2.0	1118	U	1.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	1118	U	1.12
Bromobenzene	108-86-1	2	10	2.0	1118	U	1.12
n-Propylbenzene	103-65-1	2	10	2.0	1118	U	1.12
2-Chlorotoluene	95-49-8	2	10	2.0	1118	U	1.12
4-Chlorotoluene	106-43-4	2	10	2.0	1118	U	1.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	1118	U	1.12
tert-Butylbenzene	98-06-6	2	10	2.0	1118	U	1.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	1118	U	1.12
sec-Butylbenzene	135-98-8	2	10	2.0	1118	U	1.12
p-Isopropyltoluene	99-82-8	2	10	2.0	1118	U	1.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	2795	U	2.79
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	1118	U	1.12
Hexachlorobutadiene	87-68-3	2	10	2.0	1118	U	1.12
Naphthalene	91-20-3	2	10	2.0	1118	U	1.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	1118	U	1.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	108	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount.	5.2
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-08	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-111	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	76
Laboratory Data File:	01111214	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	317	U	0.32
Chloromethane	74-87-3	5	25	4.8	317	U	0.32
Vinyl Chloride	75-01-4	2	10	1.9	127	U	0.13
Bromomethane	74-83-9	5	25	4.8	317	U	0.32
Chloroethane	75-00-3	5	25	4.8	317	U	0.32
Trichlorofluoromethane	75-69-4	2	10	1.9	127	U	0.13
Carbon Disulfide	75-15-0	5	25	4.8	317	U	0.32
Acetone	**67-64-1**	**10**	**21**	**4.0**	**266**	**B**	**0.27**
1,1-Dichloroethene	75-35-4	2	10	1.9	127	U	0.13
1,1-Dichloroethane	107-06-2	2	10	1.9	127	U	0.13
Methylene Chloride	**75-09-2**	**2**	**50**	**9.7**	**638**	**B**	**0.64**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	127	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	127	U	0.13
2,2-Dichloropropane	590-20-7	2	10	1.9	127	U	0.13
Bromochloromethane	74-97-5	2	10	1.9	127	U	0.13
Chloroform	67-66-3	2	10	1.9	127	U	0.13
1,2-Dichloroethane	107-06-2	2	10	1.9	127	U	0.13
2-Butanone	**78-93-3**	**10**	**43**	**8.3**	**549**	**B**	**0.55**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	127	U	0.13
2-Chloroethylvinyl ether		2	10	1.9	127	U	0.13
Carbon tetrachloride	56-15-0	2	10	1.9	127	U	0.13
1,1-Dichloropropene	563-58-6	2	10	1.9	127	U	0.13
1,2-Dichloropropane	78-87-5	2	10	1.9	127	U	0.13
Bromodichloromethane	75-27-4	2	10	1.9	127	U	0.13
Dibromomethane	75-95-3	2	10	1.9	127	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	127	U	0.13
Trichloroethene	79-01-6	2	10	1.9	127	U	0.13
Benzene	71-43-2	2	10	1.9	127	U	0.13
1,3-Dichloropropane	142-28-9	2	10	1.9	127	U	0.13
Dibromochloromethane	124-48-1	2	10	1.9	127	U	0.13
1,2-Dibromoethane	106-93-4	2	10	1.9	127	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	127	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	1.9	127	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	633	U	0.63
2-Hexanone	591-78-6	10	50	9.6	633	U	0.63
Tetrachloroethene	127-18-4	2	10	1.9	127	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	127	U	0.13
Bromoform	75-25-2	2	10	1.9	127	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	127	U	0.13
Toluene	108-88-3	2	10	1.9	127	U	0.13
Chlorobenzene	108-90-7	2	10	1.9	127	U	0.13
Ethyl benzene	100-41-4	2	10	1.9	127	U	0.13
Styrene	100-42-5	2	10	1.9	127	U	0.13
m&p Xylene	1330-20-7	4	10	1.9	127	U	0.13
o-Xylene	95-47-6	2	10	1.9	127	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	1.9	127	U	0.13
1,4-Dichlorobenzene	**106-46-7**	**2**	**26**	**5.0**	**326**		**0.33**
n-Butyl benzene	104-51-8	2	10	1.9	127	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	1.9	127	U	0.13
Isopropyl benzene	98-82-8	2	10	1.9	127	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	1.9	127	U	0.13
Bromobenzene	108-86-1	2	10	1.9	127	U	0.13
n-Propylbenzene	103-65-1	2	10	1.9	127	U	0.13
2-Chlorotoluene	95-49-8	2	10	1.9	127	U	0.13
4-Chlorotoluene	106-43-4	2	10	1.9	127	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	127	U	0.13
tert-Butylbenzene	98-06-6	2	10	1.9	127	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	127	U	0.13
sec-Butylbenzene	135-98-8	2	10	1.9	127	U	0.13
p-Isopropyltoluene	99-82-8	2	10	1.9	127	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	317	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	127	U	0.13
Hexachlorobutadiene	87-68-3	2	10	1.9	127	U	0.13
Naphthalene	91-20-3	2	10	1.9	127	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	127	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.2
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-149	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received	11/17/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	85
Laboratory Data File:	01111215	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	282	U	0.28
Chloromethane	74-87-3	5	25	4.8	282	U	0.28
Vinyl Chloride	75-01-4	2	10	1.9	113	U	0.11
Bromomethane	74-83-9	5	25	4.8	282	U	0.28
Chloroethane	75-00-3	5	25	4.8	282	U	0.28
Trichlorofluoromethane	75-69-4	2	10	1.9	113	U	0.11
Carbon Disulfide	75-15-0	5	25	4.8	282	U	0.28
Acetone	**67-64-1**	**10**	**15**	**2.9**	**169**	**B**	**0.17**
1,1-Dichloroethene	75-35-4	2	10	1.9	113	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.9	113	U	0.11
Methylene Chloride	**75-09-2**	**2**	**41**	**7.8**	**459**	**B**	**0.46**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	113	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	113	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.9	113	U	0.11
Bromochloromethane	74-97-5	2	10	1.9	113	U	0.11
Chloroform	67-66-3	2	10	1.9	113	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.9	113	U	0.11
2-Butanone	**78-93-3**	**10**	**39**	**7.6**	**445**	**B**	**0.44**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	113	U	0.11
2-Chloroethylvinyl ether		2	10	1.9	113	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.9	113	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.9	113	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.9	113	U	0.11
Bromodichloromethane	75-27-4	2	10	1.9	113	U	0.11
Dibromomethane	75-95-3	2	10	1.9	113	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	113	U	0.11
Trichloroethene	79-01-6	2	10	1.9	113	U	0.11
Benzene	71-43-2	2	10	1.9	113	U	0.11
1,3-Dichloropropane	142-28-9	2	10	1.9	113	U	0.11
Dibromochloromethane	124-48-1	2	10	1.9	113	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.9	113	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	113	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.9	113	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	563	U	0.56
2-Hexanone	591-78-6	10	50	9.6	563	U	0.56
Tetrachloroethene	**127-18-4**	**2**	**27**	**5.2**	**307**		**0.31**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	113	U	0.11
Bromoform	75-25-2	2	10	1.9	113	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	113	U	0.11
Toluene	**108-88-3**	**2**	**30**	**5.9**	**343**		**0.34**
Chlorobenzene	108-90-7	2	10	1.9	113	U	0.11
Ethyl benzene	100-41-4	2	10	1.9	113	U	0.11
Styrene	100-42-5	2	10	1.9	113	U	0.11
m&p Xylene	**1330-20-7**	**4**	**28**	**5.5**	**321**		**0.32**
o-Xylene	95-47-6	2	10	1.9	113	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	1.9	113	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**20**	**3.8**	**223**		**0.22**
n-Butyl benzene	104-51-8	2	10	1.9	113	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	1.9	113	U	0.11
Isopropyl benzene	98-82-8	2	10	1.9	113	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	1.9	113	U	0.11
Bromobenzene	108-86-1	2	10	1.9	113	U	0.11
n-Propylbenzene	103-65-1	2	10	1.9	113	U	0.11
2-Chlorotoluene	95-49-8	2	10	1.9	113	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.9	113	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	113	U	0.11
tert-Butylbenzene	98-06-6	2	10	1.9	113	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	113	U	0.11
sec-Butylbenzene	135-98-8	2	10	1.9	113	U	0.11
p-Isopropyltoluene	99-82-8	2	10	1.9	113	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	282	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	113	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.9	113	U	0.11
Naphthalene	**91-20-3**	**2**	**21**	**4.1**	**238**		**0.24**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	113	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-3660
Fax 336-634-3646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	5
Lab Delivery Group	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-130	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111701	Percent Solids:	98
Laboratory Data File:	01111216	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	254	U	0.25
Chloromethane	74-87-3	5	25	5.0	254	U	0.25
Vinyl Chloride	75-01-4	2	10	2.0	102	U	0.10
Bromomethane	74-83-9	5	25	5.0	254	U	0.25
Chloroethane	75-00-3	5	25	5.0	254	U	0.25
Trichlorofluoromethane	75-69-4	2	10	2.0	102	U	0.10
Carbon Disulfide	75-15-0	5	25	5.0	254	U	0.25
Acetone	67-64-1	10	25	5.0	254	U	0.25
1,1-Dichloroethene	75-35-4	2	10	2.0	102	U	0.10
1,1-Dichloroethane	107-06-2	2	10	2.0	102	U	0.10
Methylene Chloride	**75-09-2**	**2**	**29**	**5.8**	**294**	**B**	**0.29**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	102	U	0.10
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	102	U	0.10
2,2-Dichloropropane	590-20-7	2	10	2.0	102	U	0.10
Bromochloromethane	74-97-5	2	10	2.0	102	U	0.10
Chloroform	67-66-3	2	10	2.0	102	U	0.10
1,2-Dichloroethane	107-06-2	2	10	2.0	102	U	0.10
2-Butanone	**78-93-3**	**10**	**47**	**9.3**	**475**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	102	U	0.10
2-Chloroethylvinyl ether		2	10	2.0	102	U	0.10
Carbon tetrachloride	56-15-0	2	10	2.0	102	U	0.10
1,1-Dichloropropene	563-58-6	2	10	2.0	102	U	0.10
1,2-Dichloropropane	78-87-5	2	10	2.0	102	U	0.10
Bromodichloromethane	75-27-4	2	10	2.0	102	U	0.10
Dibromomethane	75-95-3	2	10	2.0	102	U	0.10
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	102	U	0.10
Trichloroethene	79-01-6	2	10	2.0	102	U	0.10
Benzene	71-43-2	2	10	2.0	102	U	0.10
1,3-Dichloropropane	142-28-9	2	10	2.0	102	U	0.10
Dibromochloromethane	124-48-1	2	10	2.0	102	U	0.10
1,2-Dibromoethane	106-93-4	2	10	2.0	102	U	0.10
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	102	U	0.10
1,1,2-Trichloroethane	79-00-5	2	10	2.0	102	U	0.10
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	509	U	0.51
2-Hexanone	591-78-6	10	50	10.0	509	U	0.51
Tetrachloroethene	127-18-4	2	10	2.0	102	U	0.10
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	102	U	0.10
Bromoform	75-25-2	2	10	2.0	102	U	0.10
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	102	U	0.10
Toluene	108-88-3	2	10	2.0	102	U	0.10
Chlorobenzene	108-90-7	2	10	2.0	102	U	0.10
Ethyl benzene	100-41-4	2	10	2.0	102	U	0.10
Styrene	100-42-5	2	10	2.0	102	U	0.10
m&p Xylene	1330-20-7	4	10	2.0	102	U	0.10
o-Xylene	95-47-6	2	10	2.0	102	U	0.10
1,3-Dichlorobenzene	541-73-1	2	10	2.0	102	U	0.10
1,4-Dichlorobenzene	106-46-7	2	10	2.0	102	U	0.10
n-Butyl benzene	104-51-8	2	10	2.0	102	U	0.10
1,2-Dichlorobenzene	95-50-1	2	10	2.0	102	U	0.10
Isopropyl benzene	98-82-8	2	10	2.0	102	U	0.10
1,2,3-Trichloropropane	96-18-4	2	10	2.0	102	U	0.10
Bromobenzene	108-86-1	2	10	2.0	102	U	0.10
n-Propylbenzene	103-65-1	2	10	2.0	102	U	0.10
2-Chlorotoluene	95-49-8	2	10	2.0	102	U	0.10
4-Chlorotoluene	106-43-4	2	10	2.0	102	U	0.10
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	102	U	0.10
tert-Butylbenzene	98-06-6	2	10	2.0	102	U	0.10
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	102	U	0.10
sec-Butylbenzene	135-98-8	2	10	2.0	102	U	0.10
p-Isopropyltoluene	99-82-8	2	10	2.0	102	U	0.10
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	254	U	0.25
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	102	U	0.10
Hexachlorobutadiene	87-68-3	2	10	2.0	102	U	0.10
Naphthalene	91-20-3	2	10	2.0	102	U	0.10
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	102	U	0.10

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	109	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount	5
Lab Delivery Group.	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-11	Prep Method 1:	SW5035
Field Sample ID.	GCMS-Q-128	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	86
Laboratory Data File:	01112608	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	291	U	0.29
Chloromethane	74-87-3	5	25	5.0	291	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	117	U	0.12
Bromomethane	74-83-9	5	25	5.0	291	U	0.29
Chloroethane	75-00-3	5	25	5.0	291	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	117	U	0 12
Carbon Disulfide	75-15-0	5	25	5.0	291	U	0.29
Acetone	67-64-1	10	25	5.0	291	U	0.29
1,1-Dichloroethene	75-35-4	2	10	2.0	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
Methylene Chloride	**75-09-2**	**2**	**20**	**3.9**	**229**	**B**	**0.23**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	117	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	117	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	117	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	117	U	0.12
Chloroform	67-66-3	2	10	2.0	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
2-Butanone	**78-93-3**	**10**	**35**	**7.1**	**414**	**B**	**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	117	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	117	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	117	U	0.12
Dibromomethane	75-95-3	2	10	2.0	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	117	U	0.12
Trichloroethene	79-01-6	2	10	2.0	117	U	0.12
Benzene	**71-43-2**	**2**	**23**	**4.5**	**264**		**0.26**
1,3-Dichloropropane	142-28-9	2	10	2.0	117	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	583	U	0.58
2-Hexanone	591-78-6	10	50	10.0	583	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	117	U	0.12
Bromoform	75-25-2	2	10	2.0	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	117	U	0.12
Toluene	**108-88-3**	**2**	**13**	**2.5**	**146**		**0.15**
Chlorobenzene	108-90-7	2	10	2.0	117	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	117	U	0.12
Styrene	100-42-5	2	10	2.0	117	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	117	U	0.12
o-Xylene	95-47-6	2	10	2.0	117	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	117	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**15**	**3.0**	**175**		**0.18**
n-Butyl benzene	104-51-8	2	10	2.0	117	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	117	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	117	U	0.12
Bromobenzene	108-86-1	2	10	2.0	117	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	117	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	117	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	117	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	291	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	117	U	0.12
Naphthalene	91-20-3	2	10	2.0	117	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	111	86-120	80-120	71-106
Toluene-d8	2037-26-5	112	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	111	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-12	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-122	Prep Method 2:	
Date Sample Collected.	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number.	111701	Percent Solids:	84
Laboratory Data File:	01112609	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	296	U	0.30
Chloromethane	74-87-3	5	25	5.0	296	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	118	U	0.12
Bromomethane	74-83-9	5	25	5.0	296	U	0.30
Chloroethane	75-00-3	5	25	5.0	296	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	118	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	296	U	0.30
Acetone	**67-64-1**	**10**	**16**	**3.2**	**191**	**B**	**0.19**
1,1-Dichloroethene	75-35-4	2	10	2.0	118	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	118	U	0.12
Methylene Chloride	**75-09-2**	**2**	**19**	**3.8**	**224**	**B**	**0.22**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	118	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	118	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	118	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	118	U	0.12
Chloroform	67-66-3	2	10	2.0	118	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	118	U	0.12
2-Butanone	**78-93-3**	**10**	**35**	**6.9**	**409**	**B**	**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	118	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	118	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	118	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	118	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	118	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	118	U	0.12
Dibromomethane	75-95-3	2	10	2.0	118	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	118	U	0.12
Trichloroethene	79-01-6	2	10	2.0	118	U	0.12
Benzene	71-43-2	2	10	2.0	118	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	118	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	118	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	118	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	118	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	118	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	592	U	0.59
2-Hexanone	591-78-6	10	50	10.0	592	U	0.59
Tetrachloroethene	127-18-4	2	10	2.0	118	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	118	U	0.12
Bromoform	75-25-2	2	10	2.0	118	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	118	U	0.12
Toluene	**108-88-3**	**2**	**11**	**2.1**	**127**		**0.13**
Chlorobenzene	108-90-7	2	10	2.0	118	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	118	U	0.12
Styrene	100-42-5	2	10	2.0	118	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	118	U	0.12
o-Xylene	95-47-6	2	10	2.0	118	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	118	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	118	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	118	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	118	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	118	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	118	U	0.12
Bromobenzene	108-86-1	2	10	2.0	118	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	118	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	118	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	118	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	118	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	118	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	118	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	118	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	118	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	296	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	118	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	118	U	0.12
Naphthalene	91-20-3	2	10	2.0	118	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	118	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-13	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-114	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	88
Laboratory Data File:	01112610	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	284	U	0.28
Chloromethane	74-87-3	5	25	5.0	284	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	113	U	0.11
Bromomethane	74-83-9	5	25	5.0	284	U	0.28
Chloroethane	75-00-3	5	25	5.0	284	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	113	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	284	U	0.28
Acetone	67-64-1	10	10	2.0	113	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	113	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	113	U	0.11
Methylene Chloride	**75-09-2**	**2**	**18**	**3.6**	**205**	**B**	**0.20**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	113	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	113	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	113	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	113	U	0.11
Chloroform	67-66-3	2	10	2.0	113	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	113	U	0.11
2-Butanone	**78-93-3**	**10**	**38**	**7.7**	**435**	**B**	**0.43**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	113	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	113	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	113	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	113	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	113	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	113	U	0.11
Dibromomethane	75-95-3	2	10	2.0	113	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	113	U	0.11
Trichloroethene	79-01-6	2	10	2.0	113	U	0.11
Benzene	71-43-2	2	10	2.0	113	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	113	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	113	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	113	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	113	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	113	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	567	U	0.57
2-Hexanone	591-78-6	10	50	10.0	567	U	0.57
Tetrachloroethene	127-18-4	2	10	2.0	113	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	113	U	0.11
Bromoform	75-25-2	2	10	2.0	113	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	113	U	0.11
Toluene	**108-88-3**	**2**	**13**	**2.6**	**146**		**0.15**
Chlorobenzene	**108-90-7**	**2**	**750**	**150.1**	**8510**		**8.51**
Ethyl benzene	**100-41-4**	**2**	**22**	**4.3**	**244**		**0.24**
Styrene	100-42-5	2	10	2.0	113	U	0.11
m&p Xylene	**1330-20-7**	**4**	**27**	**5.5**	**312**		**0.31**
o-Xylene	95-47-6	2	10	2.0	113	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	2.0	113	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**136**	**27.2**	**1544**		**1.54**
n-Butyl benzene	104-51-8	2	10	2.0	113	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	113	U	0.11
Isopropyl benzene	98-82-8	2	10	2.0	113	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	113	U	0.11
Bromobenzene	108-86-1	2	10	2.0	113	U	0.11
n-Propylbenzene	**103-65-1**	**2**	**11**	**2.3**	**129**		**0.13**
2-Chlorotoluene	95-49-8	2	10	2.0	113	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	113	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	113	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	113	U	0.11
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**19**	**3.9**	**219**		**0.22**
sec-Butylbenzene	135-98-8	2	10	2.0	113	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	113	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	284	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	113	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	113	U	0.11
Naphthalene	91-20-3	2	10	2.0	113	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	113	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randsville, NC 27320

Ph 336-634-0660
Fax 336-634-0545

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-14	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-121	Prep Method 2.	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	78
Laboratory Data File:	01112611	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	314	U	0.31
Chloromethane	74-87-3	5	25	4.9	314	U	0.31
Vinyl Chloride	75-01-4	2	10	2.0	125	U	0.13
Bromomethane	74-83-9	5	25	4.9	314	U	0.31
Chloroethane	75-00-3	5	25	4.9	314	U	0.31
Trichlorofluoromethane	75-69-4	2	10	2.0	125	U	0.13
Carbon Disulfide	75-15-0	5	25	4.9	314	U	0.31
Acetone	**67-64-1**	**10**	**48**	**9.5**	**607**		**0.61**
1,1-Dichloroethene	75-35-4	2	10	2.0	125	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	125	U	0.13
Methylene Chloride	**75-09-2**	**2**	**16**	**3.2**	**203**	**B**	**0.20**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	125	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	125	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	125	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	125	U	0.13
Chloroform	67-66-3	2	10	2.0	125	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	125	U	0.13
2-Butanone	**78-93-3**	**10**	**32**	**6.4**	**407**	**B**	**0.41**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	125	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	125	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	125	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	125	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	125	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	125	U	0.13
Dibromomethane	75-95-3	2	10	2.0	125	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	125	U	0.13
Trichloroethene	79-01-6	2	10	2.0	125	U	0.13
Benzene	71-43-2	2	10	2.0	125	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	125	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	125	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	125	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	125	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	125	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	627	U	0.63
2-Hexanone	591-78-6	10	50	9.8	627	U	0.63
Tetrachloroethene	127-18-4	2	10	2.0	125	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	125	U	0.13
Bromoform	75-25-2	2	10	2.0	125	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	125	U	0.13
Toluene	108-88-3	2	10	2.0	125	U	0.13
Chlorobenzene	**108-90-7**	**2**	**13**	**2.5**	**158**		**0.16**
Ethyl benzene	100-41-4	2	10	2.0	125	U	0.13
Styrene	100-42-5	2	10	2.0	125	U	0.13
m&p Xylene	1330-20-7	4	10	2.0	125	U	0.13
o-Xylene	95-47-6	2	10	2.0	125	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	2.0	125	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	125	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	125	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	125	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	125	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	125	U	0.13
Bromobenzene	108-86-1	2	10	2.0	125	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	125	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	125	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	125	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	125	U	0.13
tert-Butylbenzene	98-06-6	2	10	2.0	125	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	125	U	0.13
sec-Butylbenzene	135-98-8	2	10	2.0	125	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	125	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	314	U	0.31
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	125	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	125	U	0.13
Naphthalene	91-20-3	2	10	2.0	125	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	125	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	105	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-15	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-120	Prep Method 2:	
Date Sample Collected	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	76
Laboratory Data File:	01112612	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	322	U	0.32
Chloromethane	74-87-3	5	25	4.9	322	U	0.32
Vinyl Chloride	75-01-4	2	10	2.0	129	U	0.13
Bromomethane	74-83-9	5	25	4.9	322	U	0.32
Chloroethane	75-00-3	5	25	4.9	322	U	0.32
Trichlorofluoromethane	75-69-4	2	10	2.0	129	U	0.13
Carbon Disulfide	75-15-0	5	25	4.9	322	U	0.32
Acetone	67-64-1	10	10	2.0	129	U	0.13
1,1-Dichloroethene	75-35-4	2	10	2.0	129	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	129	U	0.13
Methylene Chloride	**75-09-2**	**2**	**16**	**3.2**	**212**	**B**	**0.21**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	129	U	0.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	129	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	129	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	129	U	0.13
Chloroform	67-66-3	2	10	2.0	129	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	129	U	0.13
2-Butanone	**78-93-3**	**10**	**36**	**7.0**	**458**	**B**	**0.46**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	129	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	129	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	129	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	129	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	129	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	129	U	0.13
Dibromomethane	75-95-3	2	10	2.0	129	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	129	U	0.13
Trichloroethene	79-01-6	2	10	2.0	129	U	0.13
Benzene	71-43-2	2	10	2.0	129	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	129	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	129	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	129	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	129	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	129	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	644	U	0.64
2-Hexanone	591-78-6	10	50	9.8	644	U	0.64
Tetrachloroethene	127-18-4	2	10	2.0	129	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	129	U	0.13
Bromoform	75-25-2	2	10	2.0	129	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	129	U	0.13
Toluene	108-88-3	2	10	2.0	129	U	0.13
Chlorobenzene	108-90-7	2	10	2.0	129	U	0.13
Ethyl benzene	100-41-4	2	10	2.0	129	U	0.13
Styrene	100-42-5	2	10	2.0	129	U	0.13
m&p Xylene	1330-20-7	4	10	2.0	129	U	0.13
o-Xylene	95-47-6	2	10	2.0	129	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	2.0	129	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	129	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	129	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	129	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	129	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	129	U	0.13
Bromobenzene	108-86-1	2	10	2.0	129	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	129	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	129	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	129	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	129	U	0.13
tert-Butylbenzene	98-06-6	2	10	2.0	129	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	129	U	0.13
sec-Butylbenzene	135-98-8	2	10	2.0	129	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	129	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	322	U	0.32
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	129	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	129	U	0.13
Naphthalene	91-20-3	2	10	2.0	129	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	129	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	104	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract.		Sample Amount.	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-16	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-112	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number	111701	Percent Solids:	82
Laboratory Data File:	01112613	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	306	U	0.31
Chloromethane	74-87-3	5	25	5.0	306	U	0.31
Vinyl Chloride	75-01-4	2	10	2.0	122	U	0.12
Bromomethane	74-83-9	5	25	5.0	306	U	0.31
Chloroethane	75-00-3	5	25	5.0	306	U	0.31
Trichlorofluoromethane	75-69-4	2	10	2.0	122	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	306	U	0.31
Acetone	**67-64-1**	**10**	**38**	**7.5**	**459**	**B**	**0.46**
1,1-Dichloroethene	75-35-4	2	10	2.0	122	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	122	U	0.12
Methylene Chloride	**75-09-2**	**2**	**19**	**3.8**	**232**	**B**	**0.23**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	122	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	122	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	122	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	122	U	0.12
Chloroform	67-66-3	2	10	2.0	122	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	122	U	0.12
2-Butanone	**78-93-3**	**10**	**39**	**7.8**	**479**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	122	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	122	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	122	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	122	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	122	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	122	U	0.12
Dibromomethane	75-95-3	2	10	2.0	122	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	122	U	0.12
Trichloroethene	79-01-6	2	10	2.0	122	U	0.12
Benzene	71-43-2	2	10	2.0	122	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	122	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	122	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	122	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	122	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	122	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	611	U	0.61
2-Hexanone	591-78-6	10	50	10.0	611	U	0.61
Tetrachloroethene	**127-18-4**	**2**	**10**	**2.1**	**128**		**0.13**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	122	U	0.12
Bromoform	75-25-2	2	10	2.0	122	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	122	U	0.12
Toluene	**108-88-3**	**2**	**39**	**7.9**	**481**		**0.48**
Chlorobenzene	108-90-7	2	10	2.0	122	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	122	U	0.12
Styrene	100-42-5	2	10	2.0	122	U	0.12
m&p Xylene	**1330-20-7**	**4**	**33**	**6.5**	**399**		**0.40**
o-Xylene	**95-47-6**	**2**	**16**	**3.3**	**199**		**0.20**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	122	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**42**	**8.4**	**512**		**0.51**
n-Butyl benzene	104-51-8	2	10	2.0	122	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	122	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	122	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	122	U	0.12
Bromobenzene	108-86-1	2	10	2.0	122	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	122	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	122	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	122	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	122	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	122	U	0.12
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**19**	**3.7**	**226**		**0.23**
sec-Butylbenzene	135-98-8	2	10	2.0	122	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	122	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	306	U	0.31
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	122	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	122	U	0.12
Naphthalene	91-20-3	2	10	2.0	122	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	122	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount.	4.9
Lab Delivery Group:	URS111701	Lab Prep Date.	11/17/01
Lab Sample ID:	URS111701-17	Prep Method 1:	SW5035
Field Sample ID	GCMS-Q-105	Prep Method 2:	
Date Sample Collected.	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	84
Laboratory Data File:	01112614	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.1	305	U	0.31
Chloromethane	74-87-3	5	25	5.1	305	U	0.31
Vinyl Chloride	75-01-4	2	10	2.0	122	U	0.12
Bromomethane	74-83-9	5	25	5.1	305	U	0.31
Chloroethane	75-00-3	5	25	5.1	305	U	0.31
Trichlorofluoromethane	**75-69-4**	**2**	**92**	**18.8**	**1127**		**1.13**
Carbon Disulfide	75-15-0	5	25	5.1	305	U	0.31
Acetone	**67-64-1**	**10**	**21**	**4.3**	**260**	**B**	**0.26**
1,1-Dichloroethene	75-35-4	2	10	2.0	122	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	122	U	0.12
Methylene Chloride	**75-09-2**	**2**	**18**	**3.6**	**214**	**B**	**0.21**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	122	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	122	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	122	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	122	U	0.12
Chloroform	67-66-3	2	10	2.0	122	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	122	U	0.12
2-Butanone	**78-93-3**	**10**	**40**	**8.1**	**483**	**B**	**0.48**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	122	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	122	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	122	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	122	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	122	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	122	U	0.12
Dibromomethane	75-95-3	2	10	2.0	122	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	122	U	0.12
Trichloroethene	79-01-6	2	10	2.0	122	U	0.12
Benzene	71-43-2	2	10	2.0	122	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	122	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	122	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	122	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	122	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	122	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.2	610	U	0.61
2-Hexanone	591-78-6	10	50	10.2	610	U	0.61
Tetrachloroethene	127-18-4	2	10	2.0	122	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	122	U	0.12
Bromoform	75-25-2	2	10	2.0	122	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	122	U	0.12
Toluene	108-88-3	2	10	2.0	122	U	0.12
Chlorobenzene	108-90-7	2	10	2.0	122	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	122	U	0.12
Styrene	100-42-5	2	10	2.0	122	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	122	U	0.12
o-Xylene	95-47-6	2	10	2.0	122	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	122	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	122	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	122	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	122	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	122	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	122	U	0.12
Bromobenzene	108-86-1	2	10	2.0	122	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	122	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	122	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	122	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	122	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	122	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	122	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	122	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	122	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.1	305	U	0.31
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	122	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	122	U	0.12
Naphthalene	91-20-3	2	10	2.0	122	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	122	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.1
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-18	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-107	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	88
Laboratory Data File:	01112615	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.9	278	U	0.28
Chloromethane	74-87-3	5	25	4.9	278	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	111	U	0.11
Bromomethane	74-83-9	5	25	4.9	278	U	0.28
Chloroethane	75-00-3	5	25	4.9	278	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	111	U	0.11
Carbon Disulfide	75-15-0	5	25	4.9	278	U	0.28
Acetone	67-64-1	10	10	2.0	111	U	0.11
1,1-Dichloroethene	75-35-4	2	10	2.0	111	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	111	U	0.11
Methylene Chloride	**75-09-2**	**2**	**13**	**2.6**	**149**	**B**	**0.15**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	111	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	111	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	111	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	111	U	0.11
Chloroform	67-66-3	2	10	2.0	111	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	111	U	0.11
2-Butanone	**78-93-3**	**10**	**36**	**7.1**	**404**	**B**	**0.40**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	111	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	111	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	111	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	111	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	111	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	111	U	0.11
Dibromomethane	75-95-3	2	10	2.0	111	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	111	U	0.11
Trichloroethene	79-01-6	2	10	2.0	111	U	0.11
Benzene	71-43-2	2	10	2.0	111	U	0.11
1,3-Dichloropropane	142-28-9	2	10	2.0	111	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	111	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	111	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	111	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	111	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.8	557	U	0.56
2-Hexanone	591-78-6	10	50	9.8	557	U	0.56
Tetrachloroethene	127-18-4	2	10	2.0	111	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	111	U	0.11
Bromoform	75-25-2	2	10	2.0	111	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	111	U	0.11
Toluene	108-88-3	2	10	2.0	111	U	0.11
Chlorobenzene	108-90-7	2	10	2.0	111	U	0.11
Ethyl benzene	100-41-4	2	10	2.0	111	U	0.11
Styrene	100-42-5	2	10	2.0	111	U	0.11
m&p Xylene	1330-20-7	4	10	2.0	111	U	0.11
o-Xylene	95-47-6	2	10	2.0	111	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	2.0	111	U	0.11
1,4-Dichlorobenzene	**106-46-7**	**2**	**10**	**2.0**	**112**		**0.11**
n-Butyl benzene	104-51-8	2	10	2.0	111	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	2.0	111	U	0.11
Isopropyl benzene	98-82-8	2	10	2.0	111	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	2.0	111	U	0.11
Bromobenzene	108-86-1	2	10	2.0	111	U	0.11
n-Propylbenzene	103-65-1	2	10	2.0	111	U	0.11
2-Chlorotoluene	95-49-8	2	10	2.0	111	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	111	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	111	U	0.11
tert-Butylbenzene	98-06-6	2	10	2.0	111	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	111	U	0.11
sec-Butylbenzene	135-98-8	2	10	2.0	111	U	0.11
p-Isopropyltoluene	99-82-8	2	10	2.0	111	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.9	278	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	111	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	111	U	0.11
Naphthalene	91-20-3	2	10	2.0	111	U	0.11
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	111	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	103	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111701	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111701-19	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-106	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111701	Percent Solids:	75
Laboratory Data File.	01112616	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	332	U	0.33
Chloromethane	74-87-3	5	25	5.0	332	U	0.33
Vinyl Chloride	75-01-4	2	10	2.0	133	U	0.13
Bromomethane	74-83-9	5	25	5.0	332	U	0.33
Chloroethane	75-00-3	5	25	5.0	332	U	0.33
Trichlorofluoromethane	75-69-4	2	10	2.0	133	U	0.13
Carbon Disulfide	75-15-0	5	25	5.0	332	U	0.33
Acetone	**67-64-1**	**10**	**25**	**4.9**	**325**	**B**	**0.33**
1,1-Dichloroethene	75-35-4	2	10	2.0	133	U	0.13
1,1-Dichloroethane	107-06-2	2	10	2.0	133	U	0.13
Methylene Chloride	**75-09-2**	**2**	**11**	**2.3**	**150**	**B**	**0.15**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	133	U	0 13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	133	U	0.13
2,2-Dichloropropane	590-20-7	2	10	2.0	133	U	0.13
Bromochloromethane	74-97-5	2	10	2.0	133	U	0.13
Chloroform	67-66-3	2	10	2.0	133	U	0.13
1,2-Dichloroethane	107-06-2	2	10	2.0	133	U	0.13
2-Butanone	**78-93-3**	**10**	**39**	**7.8**	**516**	**B**	**0.52**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	133	U	0.13
2-Chloroethylvinyl ether		2	10	2.0	133	U	0.13
Carbon tetrachloride	56-15-0	2	10	2.0	133	U	0.13
1,1-Dichloropropene	563-58-6	2	10	2.0	133	U	0.13
1,2-Dichloropropane	78-87-5	2	10	2.0	133	U	0.13
Bromodichloromethane	75-27-4	2	10	2.0	133	U	0.13
Dibromomethane	75-95-3	2	10	2.0	133	U	0.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	133	U	0.13
Trichloroethene	79-01-6	2	10	2.0	133	U	0.13
Benzene	71-43-2	2	10	2.0	133	U	0.13
1,3-Dichloropropane	142-28-9	2	10	2.0	133	U	0.13
Dibromochloromethane	124-48-1	2	10	2.0	133	U	0.13
1,2-Dibromoethane	106-93-4	2	10	2.0	133	U	0.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	133	U	0.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	133	U	0.13
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	663	U	0.66
2-Hexanone	591-78-6	10	50	10.0	663	U	0.66
Tetrachloroethene	127-18-4	2	10	2.0	133	U	0.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	133	U	0.13
Bromoform	75-25-2	2	10	2.0	133	U	0.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	133	U	0.13
Toluene	108-88-3	2	10	2.0	133	U	0.13
Chlorobenzene	108-90-7	2	10	2.0	133	U	0.13
Ethyl benzene	100-41-4	2	10	2.0	133	U	0.13
Styrene	100-42-5	2	10	2.0	133	U	0.13
m&p Xylene	1330-20-7	4	10	2.0	133	U	0.13
o-Xylene	95-47-6	2	10	2.0	133	U	0.13
1,3-Dichlorobenzene	541-73-1	2	10	2.0	133	U	0.13
1,4-Dichlorobenzene	106-46-7	2	10	2.0	133	U	0.13
n-Butyl benzene	104-51-8	2	10	2.0	133	U	0.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	133	U	0.13
Isopropyl benzene	98-82-8	2	10	2.0	133	U	0.13
1,2,3-Trichloropropane	96-18-4	2	10	2.0	133	U	0.13
Bromobenzene	108-86-1	2	10	2.0	133	U	0.13
n-Propylbenzene	103-65-1	2	10	2.0	133	U	0.13
2-Chlorotoluene	95-49-8	2	10	2.0	133	U	0.13
4-Chlorotoluene	106-43-4	2	10	2.0	133	U	0.13
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	133	U	0.13
tert-Butylbenzene	98-06-6	2	10	2.0	133	U	0.13
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	133	U	0.13
sec-Butylbenzene	135-98-8	2	10	2.0	133	U	0.13
p-Isopropyltoluene	99-82-8	2	10	2.0	133	U	0.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	332	U	0.33
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	133	U	0.13
Hexachlorobutadiene	87-68-3	2	10	2.0	133	U	0.13
Naphthalene	91-20-3	2	10	2.0	133	U	0.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	133	U	0.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	105	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Randleville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	4.9
Lab Delivery Group:	URS111801	Lab Prep Date	11/18/01
Lab Sample ID:	URS111801-01	Prep Method 1.	SW5035
Field Sample ID.	GCMS-Q-82	Prep Method 2	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount:	
Prep Batch Number:	111801	Percent Solids:	75
Laboratory Data File:	01112805	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.1	341	U	0.34
Chloromethane	74-87-3	5	25	5.1	341	U	0.34
Vinyl Chloride	75-01-4	2	10	2.0	136	U	0.14
Bromomethane	74-83-9	5	25	5.1	341	U	0.34
Chloroethane	75-00-3	5	25	5.1	341	U	0.34
Trichlorofluoromethane	75-69-4	2	10	2.0	136	U	0.14
Carbon Disulfide	75-15-0	5	25	5.1	341	U	0.34
Acetone	**67-64-1**	**10**	**29**	**5.9**	**394**		**0.39**
1,1-Dichloroethene	75-35-4	2	10	2.0	136	U	0.14
1,1-Dichloroethane	107-06-2	2	10	2.0	136	U	0.14
Methylene Chloride	**75-09-2**	**2**	**18**	**3.7**	**250**	**B**	**0.25**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	136	U	0.14
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	136	U	0.14
2,2-Dichloropropane	590-20-7	2	10	2.0	136	U	0.14
Bromochloromethane	74-97-5	2	10	2.0	136	U	0.14
Chloroform	67-66-3	2	10	2.0	136	U	0.14
1,2-Dichloroethane	107-06-2	2	10	2.0	136	U	0.14
2-Butanone	**78-93-3**	**10**	**34**	**6.8**	**457**		**0.46**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	136	U	0.14
2-Chloroethylvinyl ether		2	10	2.0	136	U	0.14
Carbon tetrachloride	56-15-0	2	10	2.0	136	U	0.14
1,1-Dichloropropene	563-58-6	2	10	2.0	136	U	0.14
1,2-Dichloropropane	78-87-5	2	10	2.0	136	U	0.14
Bromodichloromethane	75-27-4	2	10	2.0	136	U	0.14
Dibromomethane	75-95-3	2	10	2.0	136	U	0.14
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	136	U	0.14
Trichloroethene	79-01-6	2	10	2.0	136	U	0.14
Benzene	**71-43-2**	**2**	**21**	**4.3**	**288**		**0.29**
1,3-Dichloropropane	142-28-9	2	10	2.0	136	U	0.14
Dibromochloromethane	124-48-1	2	10	2.0	136	U	0.14
1,2-Dibromoethane	106-93-4	2	10	2.0	136	U	0.14
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	136	U	0.14
1,1,2-Trichloroethane	79-00-5	2	10	2.0	136	U	0.14
4-Methyl-2-Pentanone	108-10-1	10	50	10.2	682	U	0.68
2-Hexanone	591-78-6	10	50	10.2	682	U	0.68
Tetrachloroethene	127-18-4	2	10	2.0	136	U	0.14
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	136	U	0.14
Bromoform	75-25-2	2	10	2.0	136	U	0.14
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	136	U	0.14
Toluene	**108-88-3**	**2**	**31**	**6.3**	**419**		**0.42**
Chlorobenzene	**108-90-7**	**2**	**165**	**33.6**	**2247**		**2.25**
Ethyl benzene	**100-41-4**	**2**	**27**	**5.4**	**363**		**0.36**
Styrene	100-42-5	2	10	2.0	136	U	0.14
m&p Xylene	**1330-20-7**	**4**	**52**	**10.6**	**712**		**0.71**
o-Xylene	**95-47-6**	**2**	**23**	**4.7**	**315**		**0.32**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	136	U	0.14
1,4-Dichlorobenzene	**106-46-7**	**2**	**79**	**16.0**	**1073**		**1.07**
n-Butyl benzene	104-51-8	2	10	2.0	136	U	0.14
1,2-Dichlorobenzene	95-50-1	2	10	2.0	136	U	0.14
Isopropyl benzene	98-82-8	2	10	2.0	136	U	0.14
1,2,3-Trichloropropane	96-18-4	2	10	2.0	136	U	0.14
Bromobenzene	108-86-1	2	10	2.0	136	U	0.14
n-Propylbenzene	103-65-1	2	10	2.0	136	U	0.14
2-Chlorotoluene	95-49-8	2	10	2.0	136	U	0.14
4-Chlorotoluene	106-43-4	2	10	2.0	136	U	0.14
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	136	U	0.14
tert-Butylbenzene	98-06-6	2	10	2.0	136	U	0.14
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**18**	**3.8**	**252**		**0.25**
sec-Butylbenzene	135-98-8	2	10	2.0	136	U	0.14
p-Isopropyltoluene	99-82-8	2	10	2.0	136	U	0.14
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.1	341	U	0.34
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	136	U	0.14
Hexachlorobutadiene	87-68-3	2	10	2.0	136	U	0.14
Naphthalene	91-20-3	2	10	2.0	136	U	0.14
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	136	U	0.14

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon Pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickwell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	4.9
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-02	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-88	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received.	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method	SW8260B	Spike Amount.	
Prep Batch Number.	111801	Percent Solids:	87
Laboratory Data File:	01112806	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.1	292	U	0.29
Chloromethane	74-87-3	5	25	5.1	292	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	117	U	0.12
Bromomethane	74-83-9	5	25	5.1	292	U	0.29
Chloroethane	75-00-3	5	25	5.1	292	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	117	U	0.12
Carbon Disulfide	75-15-0	5	25	5.1	292	U	0.29
Acetone	**67-64-1**	**10**	**27**	**5.6**	**319**		**0.32**
1,1-Dichloroethene	75-35-4	2	10	2.0	117	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
Methylene Chloride	**75-09-2**	**2**	**17**	**3.4**	**195**	**B**	**0.19**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	117	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	117	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	117	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	117	U	0.12
Chloroform	67-66-3	2	10	2.0	117	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	117	U	0.12
2-Butanone	**78-93-3**	**10**	**40**	**8.2**	**467**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	117	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	117	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	117	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	117	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	117	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	117	U	0.12
Dibromomethane	75-95-3	2	10	2.0	117	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	117	U	0.12
Trichloroethene	79-01-6	2	10	2.0	117	U	0.12
Benzene	71-43-2	2	10	2.0	117	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	117	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	117	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	117	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	117	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	117	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.2	585	U	0.58
2-Hexanone	591-78-6	10	50	10.2	585	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	117	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	117	U	0.12
Bromoform	75-25-2	2	10	2.0	117	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	117	U	0.12
Toluene	**108-88-3**	**2**	**17**	**3.5**	**199**		**0.20**
Chlorobenzene	108-90-7	2	10	2.0	117	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	117	U	0.12
Styrene	100-42-5	2	10	2.0	117	U	0.12
m&p Xylene	**1330-20-7**	**4**	**17**	**3.5**	**200**		**0.20**
o-Xylene	**95-47-6**	**2**	**10**	**2.1**	**122**		**0.12**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	117	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	117	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	117	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	117	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	117	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	117	U	0.12
Bromobenzene	108-86-1	2	10	2.0	117	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	117	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	117	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	117	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	117	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	117	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	117	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	117	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	117	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.1	292	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	117	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	117	U	0.12
Naphthalene	**91-20-3**	**2**	**17**	**3.5**	**202**		**0.20**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	117	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon Pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-03	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-76	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	500
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111801	Percent Solids:	88
Laboratory Data File:	01112807	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	2833	U	2.83
Chloromethane	74-87-3	5	25	5.0	2833	U	2.83
Vinyl Chlonde	75-01-4	2	10	2.0	1133	U	1.13
Bromomethane	74-83-9	5	25	5.0	2833	U	2.83
Chloroethane	75-00-3	5	25	5.0	2833	U	2.83
Trichlorofluoromethane	75-69-4	2	10	2.0	1133	U	1.13
Carbon Disulfide	75-15-0	5	25	5.0	2833	U	2.83
Acetone	**67-64-1**	**10**	**23**	**4.6**	**2622**		**2.62**
1,1-Dichloroethene	75-35-4	2	10	2.0	1133	U	1.13
1,1-Dichloroethane	107-06-2	2	10	2.0	1133	U	1.13
Methylene Chloride	75-09-2	2	10	2.0	1133	U	1.13
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	1133	U	1.13
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	1133	U	1.13
2,2-Dichloropropane	590-20-7	2	10	2.0	1133	U	1.13
Bromochloromethane	74-97-5	2	10	2.0	1133	U	1.13
Chloroform	67-66-3	2	10	2.0	1133	U	1.13
1,2-Dichloroethane	107-06-2	2	10	2.0	1133	U	1.13
2-Butanone	**78-93-3**	**10**	**18**	**3.7**	**2076**		**2.08**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	1133	U	1.13
2-Chloroethylvinyl ether		2	10	2.0	1133	U	1.13
Carbon tetrachloride	56-15-0	2	10	2.0	1133	U	1.13
1,1-Dichloropropene	563-58-6	2	10	2.0	1133	U	1.13
1,2-Dichloropropane	78-87-5	2	10	2.0	1133	U	1.13
Bromodichloromethane	75-27-4	2	10	2.0	1133	U	1.13
Dibromomethane	75-95-3	2	10	2.0	1133	U	1.13
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	1133	U	1.13
Trichloroethene	79-01-6	2	10	2.0	1133	U	1.13
Benzene	**71-43-2**	**2**	**113**	**22.7**	**12847**		**12.8**
1,3-Dichloropropane	142-28-9	2	10	2.0	1133	U	1.13
Dibromochloromethane	*124-48-1*	2	10	2.0	1133	U	1.13
1,2-Dibromoethane	106-93-4	2	10	2.0	1133	U	1.13
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	1133	U	1.13
1,1,2-Trichloroethane	79-00-5	2	10	2.0	1133	U	1.13
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	5666	U	5.67
2-Hexanone	591-78-6	10	50	10.0	5666	U	5.67
Tetrachloroethene	127-18-4	2	10	2.0	1133	U	1.13
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	1133	U	1.13
Bromoform	75-25-2	2	10	2.0	1133	U	1.13
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	1133	U	1.13
Toluene	**108-88-3**	**2**	**173**	**34.6**	**19580**		**19.6**
Chlorobenzene	108-90-7	2	10	2.0	1133	U	1.13
Ethyl benzene	**100-41-4**	**2**	**1175**	**234.9**	**133117**	**E**	**133**
Styrene	100-42-5	2	10	2.0	1133	U	1.13
m&p Xylene	**1330-20-7**	**4**	**168**	**33.6**	**19054**		**19.1**
o-Xylene	**95-47-6**	**2**	**47**	**9.4**	**5306**		**5.31**
1,3-Dichlorobenzene	**541-73-1**	**2**	**15**	**3.1**	**1740**		**1.74**
1,4-Dichlorobenzene	**106-46-7**	**2**	**49**	**9.8**	**5533**		**5.53**
n-Butyl benzene	104-51-8	2	10	2.0	1133	U	1.13
1,2-Dichlorobenzene	95-50-1	2	10	2.0	1133	U	1.13
Isopropyl benzene	**98-82-8**	**2**	**51**	**10.2**	**5773**		**5.77**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	1133	U	1.13
Bromobenzene	108-86-1	2	10	2.0	1133	U	1.13
n-Propylbenzene	**103-65-1**	**2**	**32**	**6.4**	**3645**		**3.64**
2-Chlorotoluene	95-49-8	2	10	2.0	1133	U	1.13
4-Chlorotoluene	106-43-4	2	10	2.0	1133	U	1.13
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**51**	**10.2**	**5773**		**5.77**
tert-Butylbenzene	98-06-6	2	10	2.0	1133	U	1.13
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**25**	**5.1**	**2888**		**2.89**
sec-Butylbenzene	**135-98-8**	**2**	**11**	**2.2**	**1262**		**1.26**
p-Isopropyltoluene	99-82-8	2	10	2.0	1133	U	1.13
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	2833	U	2.83
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	1133	U	1.13
Hexachlorobutadiene	87-68-3	2	10	2.0	1133	U	1.13
Naphthalene	91-20-3	2	10	2.0	1133	U	1.13
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	1133	U	1.13

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	117	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis *Comment: Hydrocarbon Pattern-Gasoline*

Analyst Signature Date Reviewer Signature Date

1918 Pickerell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	4.9
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID	URS111801-04	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-31	Prep Method 2	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111801	Percent Solids.	88
Laboratory Data File:	01112808	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.1	291	U	0.29
Chloromethane	74-87-3	5	25	5.1	291	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	116	U	0.12
Bromomethane	74-83-9	5	25	5.1	291	U	0.29
Chloroethane	75-00-3	5	25	5.1	291	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	116	U	0.12
Carbon Disulfide	75-15-0	5	25	5.1	291	U	0.29
Acetone	**67-64-1**	**10**	**24**	**5.0**	**283**		**0.28**
1,1-Dichloroethene	75-35-4	2	10	2.0	116	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	116	U	0.12
Methylene Chloride	**75-09-2**	**2**	**17**	**3.4**	**194**	**B**	**0.19**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	116	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	116	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	116	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	116	U	0.12
Chloroform	67-66-3	2	10	2.0	116	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	116	U	0.12
2-Butanone	**78-93-3**	**10**	**57**	**11.7**	**668**		**0.67**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	116	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	116	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	116	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	116	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	116	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	116	U	0.12
Dibromomethane	75-95-3	2	10	2.0	116	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	116	U	0.12
Trichloroethene	79-01-6	2	10	2.0	116	U	0.12
Benzene	71-43-2	2	10	2.0	116	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	116	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	116	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	116	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	116	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	116	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.2	582	U	0.58
2-Hexanone	591-78-6	10	50	10.2	582	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	116	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	116	U	0.12
Bromoform	75-25-2	2	10	2.0	116	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	116	U	0.12
Toluene	**108-88-3**	**2**	**12**	**2.4**	**139**		**0.14**
Chlorobenzene	108-90-7	2	10	2.0	116	U	0.12
Ethyl benzene	**100-41-4**	**2**	**34**	**7.0**	**398**		**0.40**
Styrene	100-42-5	2	10	2.0	116	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	2.0	116	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	116	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	116	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	116	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	116	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	116	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	116	U	0.12
Bromobenzene	108-86-1	2	10	2.0	116	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	116	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	116	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	116	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	116	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	116	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	116	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	116	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	116	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.1	291	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	116	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	116	U	0.12
Naphthalene	**91-20-3**	**2**	**24**	**5.0**	**284**		**0.28**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	116	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	108	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon Pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-05	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-101	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111801	Percent Solids:	89
Laboratory Data File:	01112808	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	281	U	0.28
Chloromethane	74-87-3	5	25	5.0	281	U	0.28
Vinyl Chloride	75-01-4	2	10	2.0	112	U	0.11
Bromomethane	74-83-9	5	25	5.0	281	U	0.28
Chloroethane	75-00-3	5	25	5.0	281	U	0.28
Trichlorofluoromethane	75-69-4	2	10	2.0	112	U	0.11
Carbon Disulfide	75-15-0	5	25	5.0	281	U	0.28
Acetone	**67-64-1**	**10**	**34**	**6.8**	**384**		**0.38**
1,1-Dichloroethene	75-35-4	2	10	2.0	112	U	0.11
1,1-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
Methylene Chloride	75-09-2	2	10	2.0	112	U	0.11
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	112	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	112	U	0.11
2,2-Dichloropropane	590-20-7	2	10	2.0	112	U	0.11
Bromochloromethane	74-97-5	2	10	2.0	112	U	0.11
Chloroform	67-66-3	2	10	2.0	112	U	0.11
1,2-Dichloroethane	107-06-2	2	10	2.0	112	U	0.11
2-Butanone	**78-93-3**	**10**	**51**	**10.1**	**570**		**0.57**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	112	U	0.11
2-Chloroethylvinyl ether		2	10	2.0	112	U	0.11
Carbon tetrachloride	56-15-0	2	10	2.0	112	U	0.11
1,1-Dichloropropene	563-58-6	2	10	2.0	112	U	0.11
1,2-Dichloropropane	78-87-5	2	10	2.0	112	U	0.11
Bromodichloromethane	75-27-4	2	10	2.0	112	U	0.11
Dibromomethane	75-95-3	2	10	2.0	112	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	112	U	0.11
Trichloroethene	**79-01-6**	**2**	**14**	**2.7**	**153**		**0.15**
Benzene	**71-43-2**	**2**	**26**	**5.2**	**292**		**0.29**
1,3-Dichloropropane	142-28-9	2	10	2.0	112	U	0.11
Dibromochloromethane	124-48-1	2	10	2.0	112	U	0.11
1,2-Dibromoethane	106-93-4	2	10	2.0	112	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	112	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	2.0	112	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	562	U	0.56
2-Hexanone	591-78-6	10	50	10.0	562	U	0.56
Tetrachloroethene	**127-18-4**	**2**	**34**	**6.7**	**378**		**0.38**
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	112	U	0.11
Bromoform	75-25-2	2	10	2.0	112	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	112	U	0.11
Toluene	**108-88-3**	**2**	**16**	**3.3**	**184**		**0.18**
Chlorobenzene	108-90-7	2	10	2.0	112	U	0.11
Ethyl benzene	**100-41-4**	**2**	**21**	**4.2**	**238**		**0.24**
Styrene	100-42-5	2	10	2.0	112	U	0.11
m&p Xylene	**1330-20-7**	**4**	**65**	**13.1**	**736**		**0.74**
o-Xylene	**95-47-6**	**2**	**49**	**9.8**	**551**		**0.55**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	112	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	2.0	112	U	0.11
n-Butyl benzene	**104-51-8**	**2**	**19**	**3.7**	**209**		**0.21**
1,2-Dichlorobenzene	95-50-1	2	10	2.0	112	U	0.11
Isopropyl benzene	**98-82-8**	**2**	**19**	**3.8**	**214**		**0.21**
1,2,3-Trichloropropane	96-18-4	2	10	2.0	112	U	0.11
Bromobenzene	108-86-1	2	10	2.0	112	U	0.11
n-Propylbenzene	**103-65-1**	**2**	**23**	**4.6**	**260**		**0.26**
2-Chlorotoluene	95-49-8	2	10	2.0	112	U	0.11
4-Chlorotoluene	106-43-4	2	10	2.0	112	U	0.11
1,3,5-Trimethylbenzene	**108-67-8**	**2**	**19**	**3.8**	**214**		**0.21**
tert-Butylbenzene	98-06-6	2	10	2.0	112	U	0.11
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**71**	**14.2**	**796**		**0.80**
sec-Butylbenzene	**135-98-8**	**2**	**12**	**2.3**	**132**		**0.13**
p-Isopropyltoluene	99-82-8	2	10	2.0	112	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	281	U	0.28
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	112	U	0.11
Hexachlorobutadiene	87-68-3	2	10	2.0	112	U	0.11
Naphthalene	**91-20-3**	**2**	**22**	**4.5**	**253**		**0.25**
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	112	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	112	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	128	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon Pattern

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0439

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	4.7
Lab Delivery Group:	URS111801	Lab Prep Date	11/18/01
Lab Sample ID:	URS111801-06	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-23	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount.	
Prep Batch Number.	111801	Percent Solids:	68
Laboratory Data File.	01112810	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.3	390	U	0.39
Chloromethane	74-87-3	5	25	5.3	390	U	0.39
Vinyl Chloride	75-01-4	2	10	2.1	156	U	0.16
Bromomethane	74-83-9	5	25	5.3	390	U	0.39
Chloroethane	75-00-3	5	25	5.3	390	U	0.39
Trichlorofluoromethane	75-69-4	2	10	2.1	156	U	0.16
Carbon Disulfide	75-15-0	5	25	5.3	390	U	0.39
Acetone	67-64-1	10	10	2.1	156	U	0.16
1,1-Dichloroethene	75-35-4	2	10	2.1	156	U	0.16
1,1-Dichloroethane	107-06-2	2	10	2.1	156	U	0.16
Methylene Chloride	75-09-2	2	10	2.1	156	U	0.16
trans-1,2-Dichloroethene	156-60-5	2	10	2.1	156	U	0.16
cis-1,2-Dichloroethene	156-59-4	2	10	2.1	156	U	0.16
2,2-Dichloropropane	590-20-7	2	10	2.1	156	U	0.16
Bromochloromethane	74-97-5	2	10	2.1	156	U	0.16
Chloroform	67-66-3	2	10	2.1	156	U	0.16
1,2-Dichloroethane	107-06-2	2	10	2.1	156	U	0.16
2-Butanone	**78-93-3**	**10**	**30**	**6.4**	**467**		**0.47**
1,1,1-Trichloroethane	71-55-6	2	10	2.1	156	U	0.16
2-Chloroethylvinyl ether		2	10	2.1	156	U	0.16
Carbon tetrachloride	56-15-0	2	10	2.1	156	U	0.16
1,1-Dichloropropene	563-58-6	2	10	2.1	156	U	0.16
1,2-Dichloropropane	78-87-5	2	10	2.1	156	U	0.16
Bromodichloromethane	75-27-4	2	10	2.1	156	U	0.16
Dibromomethane	75-95-3	2	10	2.1	156	U	0.16
cis-1,3-Dichloropropene	10061-01-5	2	10	2.1	156	U	0.16
Trichloroethene	79-01-6	2	10	2.1	156	U	0.16
Benzene	71-43-2	2	10	2.1	156	U	0.16
1,3-Dichloropropane	142-28-9	2	10	2.1	156	U	0.16
Dibromochloromethane	124-48-1	2	10	2.1	156	U	0.16
1,2-Dibromoethane	106-93-4	2	10	2.1	156	U	0.16
trans-1,3-Dichloropropene	10061-02-6	2	10	2.1	156	U	0.16
1,1,2-Trichloroethane	79-00-5	2	10	2.1	156	U	0.16
4-Methyl-2-Pentanone	108-10-1	10	50	10.6	780	U	0.78
2-Hexanone	591-78-6	10	50	10.6	780	U	0.78
Tetrachloroethene	127-18-4	2	10	2.1	156	U	0.16
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.1	156	U	0.16
Bromoform	75-25-2	2	10	2.1	156	U	0.16
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.1	156	U	0.16
Toluene	108-88-3	2	10	2.1	156	U	0.16
Chlorobenzene	108-90-7	2	10	2.1	156	U	0.16
Ethyl benzene	100-41-4	2	10	2.1	156	U	0.16
Styrene	100-42-5	2	10	2.1	156	U	0.16
m&p Xylene	1330-20-7	4	10	2.1	156	U	0.16
o-Xylene	95-47-6	2	10	2.1	156	U	0.16
1,3-Dichlorobenzene	541-73-1	2	10	2.1	156	U	0.16
1,4-Dichlorobenzene	106-46-7	2	10	2.1	156	U	0.16
n-Butyl benzene	104-51-8	2	10	2.1	156	U	0.16
1,2-Dichlorobenzene	95-50-1	2	10	2.1	156	U	0.16
Isopropyl benzene	98-82-8	2	10	2.1	156	U	0.16
1,2,3-Trichloropropane	96-18-4	2	10	2.1	156	U	0.16
Bromobenzene	108-86-1	2	10	2.1	156	U	0.16
n-Propylbenzene	103-65-1	2	10	2.1	156	U	0.16
2-Chlorotoluene	95-49-8	2	10	2.1	156	U	0.16
4-Chlorotoluene	106-43-4	2	10	2.1	156	U	0.16
1,3,5-Trimethylbenzene	108-67-8	2	10	2.1	156	U	0.16
tert-Butylbenzene	98-06-6	2	10	2.1	156	U	0.16
1,2,4-Trimethylbenzene	120-82-1	2	10	2.1	156	U	0.16
sec-Butylbenzene	135-98-8	2	10	2.1	156	U	0.16
p-Isopropyltoluene	99-82-8	2	10	2.1	156	U	0.16
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.3	390	U	0.39
1,2,4-Trichlorobenzene	120-82-1	2	10	2.1	156	U	0.16
Hexachlorobutadiene	87-68-3	2	10	2.1	156	U	0.16
Naphthalene	91-20-3	2	10	2.1	156	U	0.16
1,2,3-Trichlorobenzene	87-61-6	2	10	2.1	156	U	0.16

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	106	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	101	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	4.9
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-07	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-93	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111801	Percent Solids:	74
Laboratory Data File:	01112811	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.1	345	U	0.35
Chloromethane	74-87-3	5	25	5.1	345	U	0.35
Vinyl Chloride	75-01-4	2	10	2.0	138	U	0 14
Bromomethane	74-83-9	5	25	5.1	345	U	0.35
Chloroethane	75-00-3	5	25	5.1	345	U	0.35
Trichlorofluoromethane	75-69-4	2	10	2.0	138	U	0.14
Carbon Disulfide	75-15-0	5	25	5.1	345	U	0.35
Acetone	**67-64-1**	**10**	**21**	**4.3**	**294**		**0.29**
1,1-Dichloroethene	75-35-4	2	10	2.0	138	U	0.14
1,1-Dichloroethane	107-06-2	2	10	2.0	138	U	0.14
Methylene Chloride	**75-09-2**	**2**	**13**	**2.7**	**183**	**B**	**0.18**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	138	U	0.14
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	138	U	0.14
2,2-Dichloropropane	590-20-7	2	10	2.0	138	U	0.14
Bromochloromethane	74-97-5	2	10	2.0	138	U	0.14
Chloroform	67-66-3	2	10	2.0	138	U	0.14
1,2-Dichloroethane	107-06-2	2	10	2.0	138	U	0.14
2-Butanone	**78-93-3**	**10**	**49**	**10.1**	**681**		**0.68**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	138	U	0.14
2-Chloroethylvinyl ether		2	10	2.0	138	U	0.14
Carbon tetrachloride	56-15-0	2	10	2.0	138	U	0.14
1,1-Dichloropropene	563-58-6	2	10	2.0	138	U	0.14
1,2-Dichloropropane	78-87-5	2	10	2.0	138	U	0.14
Bromodichloromethane	75-27-4	2	10	2.0	138	U	0.14
Dibromomethane	75-95-3	2	10	2.0	138	U	0.14
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	138	U	0.14
Trichloroethene	79-01-6	2	10	2.0	138	U	0.14
Benzene	71-43-2	2	10	2.0	138	U	0.14
1,3-Dichloropropane	142-28-9	2	10	2.0	138	U	0.14
Dibromochloromethane	124-48-1	2	10	2.0	138	U	0.14
1,2-Dibromoethane	106-93-4	2	10	2.0	138	U	0.14
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	138	U	0.14
1,1,2-Trichloroethane	79-00-5	2	10	2.0	138	U	0.14
4-Methyl-2-Pentanone	108-10-1	10	50	10.2	691	U	0.69
2-Hexanone	591-78-6	10	50	10.2	691	U	0.69
Tetrachloroethene	127-18-4	2	10	2.0	138	U	0.14
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	138	U	0.14
Bromoform	75-25-2	2	10	2.0	138	U	0.14
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	138	U	0.14
Toluene	108-88-3	2	10	2.0	138	U	0.14
Chlorobenzene	108-90-7	2	10	2.0	138	U	0.14
Ethyl benzene	100-41-4	2	10	2.0	138	U	0.14
Styrene	100-42-5	2	10	2.0	138	U	0.14
m&p Xylene	1330-20-7	4	10	2.0	138	U	0.14
o-Xylene	95-47-6	2	10	2.0	138	U	0.14
1,3-Dichlorobenzene	541-73-1	2	10	2.0	138	U	0.14
1,4-Dichlorobenzene	106-46-7	2	10	2.0	138	U	0.14
n-Butyl benzene	104-51-8	2	10	2.0	138	U	0.14
1,2-Dichlorobenzene	95-50-1	2	10	2.0	138	U	0.14
Isopropyl benzene	98-82-8	2	10	2.0	138	U	0.14
1,2,3-Trichloropropane	96-18-4	2	10	2.0	138	U	0.14
Bromobenzene	108-86-1	2	10	2.0	138	U	0.14
n-Propylbenzene	103-65-1	2	10	2.0	138	U	0.14
2-Chlorotoluene	95-49-8	2	10	2.0	138	U	0.14
4-Chlorotoluene	106-43-4	2	10	2.0	138	U	0.14
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	138	U	0.14
tert-Butylbenzene	98-06-6	2	10	2.0	138	U	0.14
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	138	U	0.14
sec-Butylbenzene	135-98-8	2	10	2.0	138	U	0.14
p-Isopropyltoluene	99-82-8	2	10	2.0	138	U	0.14
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.1	345	U	0.35
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	138	U	0.14
Hexachlorobutadiene	87-68-3	2	10	2.0	138	U	0.14
Naphthalene	91-20-3	2	10	2.0	138	U	0.14
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	138	U	0.14

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	109	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	107	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-08	Prep Method 1.	SW5035
Field Sample ID:	GCMS-Q-94	Prep Method 2	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111801	Percent Solids:	83
Laboratory Data File:	01112812	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	301	U	0.30
Chloromethane	74-87-3	5	25	5.0	301	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	120	U	0.12
Bromomethane	74-83-9	5	25	5.0	301	U	0.30
Chloroethane	75-00-3	5	25	5.0	301	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	120	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	301	U	0.30
Acetone	67-64-1	10	25	5.0	301	U	0.30
1,1-Dichloroethene	75-35-4	2	10	2.0	120	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
Methylene Chloride	**75-09-2**	**2**	**14**	**2.9**	**173**	**B**	**0.17**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	120	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	120	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	120	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	120	U	0.12
Chloroform	67-66-3	2	10	2.0	120	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
2-Butanone	**78-93-3**	**10**	**51**	**10.1**	**609**		**0.61**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	120	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	120	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	120	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	120	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	120	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	120	U	0.12
Dibromomethane	75-95-3	2	10	2.0	120	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	120	U	0.12
Trichloroethene	79-01-6	2	10	2.0	120	U	0.12
Benzene	71-43-2	2	10	2.0	120	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	120	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	120	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	120	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	120	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	120	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	601	U	0.60
2-Hexanone	591-78-6	10	50	10.0	601	U	0.60
Tetrachloroethene	127-18-4	2	10	2.0	120	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	120	U	0.12
Bromoform	75-25-2	2	10	2.0	120	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	120	U	0.12
Toluene	**108-88-3**	**2**	**13**	**2.6**	**154**		**0.15**
Chlorobenzene	108-90-7	2	10	2.0	120	U	0.12
Ethyl benzene	**100-41-4**	**2**	**11**	**2.2**	**132**		**0.13**
Styrene	100-42-5	2	10	2.0	120	U	0.12
m&p Xylene	**1330-20-7**	**4**	**37**	**7.4**	**442**		**0.44**
o-Xylene	95-47-6	2	10	2.0	120	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	120	U	0.12
1,4-Dichlorobenzene	**106-46-7**	**2**	**24**	**4.8**	**290**		**0.29**
n-Butyl benzene	104-51-8	2	10	2.0	120	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	120	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	120	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	120	U	0.12
Bromobenzene	108-86-1	2	10	2.0	120	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	120	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	120	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	120	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	120	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	120	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	120	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	120	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	120	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	301	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	120	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	120	U	0.12
Naphthalene	91-20-3	2	10	2.0	120	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	120	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	109	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	106	86-130	74-121	74-121

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DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-09	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-100	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount	
Prep Batch Number:	111801	Percent Solids:	86
Laboratory Data File:	01112813	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	290	U	0.29
Chloromethane	74-87-3	5	25	5.0	290	U	0.29
Vinyl Chloride	75-01-4	2	10	2.0	116	U	0.12
Bromomethane	74-83-9	5	25	5.0	290	U	0.29
Chloroethane	75-00-3	5	25	5.0	290	U	0.29
Trichlorofluoromethane	75-69-4	2	10	2.0	116	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	290	U	0.29
Acetone	**67-64-1**	**18.08**	**25**	**5.0**	**290**		**0.29**
1,1-Dichloroethene	75-35-4	2	10	2.0	116	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	116	U	0.12
Methylene Chloride	**75-09-2**	**2**	**12**	**2.4**	**138**	**B**	**0.14**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	116	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	116	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	116	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	116	U	0.12
Chloroform	67-66-3	2	10	2.0	116	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	116	U	0.12
2-Butanone	**78-93-3**	**10**	**52**	**10.5**	**606**		**0.61**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	116	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	116	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	116	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	116	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	116	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	116	U	0.12
Dibromomethane	75-95-3	2	10	2.0	116	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	116	U	0.12
Trichloroethene	79-01-6	2	10	2.0	116	U	0.12
Benzene	71-43-2	2	10	2.0	116	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	116	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	116	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	116	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	116	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	116	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	579	U	0.58
2-Hexanone	591-78-6	10	50	10.0	579	U	0.58
Tetrachloroethene	127-18-4	2	10	2.0	116	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	116	U	0.12
Bromoform	75-25-2	2	10	2.0	116	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	116	U	0.12
Toluene	108-88-3	2	10	2.0	116	U	0.12
Chlorobenzene	108-90-7	2	10	2.0	116	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	116	U	0.12
Styrene	100-42-5	2	10	2.0	116	U	0.12
m&p Xylene	1330-20-7	4	10	2.0	116	U	0.12
o-Xylene	95-47-6	2	10	2.0	116	U	0.12
1,3-Dichlorobenzene	541-73-1	2	10	2.0	116	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	116	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	116	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	116	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	116	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	116	U	0.12
Bromobenzene	108-86-1	2	10	2.0	116	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	116	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	116	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	116	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	116	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	116	U	0.12
1,2,4-Trimethylbenzene	120-82-1	2	10	2.0	116	U	0.12
sec-Butylbenzene	135-98-8	2	10	2.0	116	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	116	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	290	U	0.29
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	116	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	116	U	0.12
Naphthalene	91-20-3	2	10	2.0	116	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	116	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	107	86-120	80-120	71-106
Toluene-d8	2037-26-5	107	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	108	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0439

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5
Lab Delivery Group:	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID	URS111801-10	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-95	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111801	Percent Solids:	83
Laboratory Data File:	01112814	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg)	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	5.0	299	U	0.30
Chloromethane	74-87-3	5	25	5.0	299	U	0.30
Vinyl Chloride	75-01-4	2	10	2.0	120	U	0.12
Bromomethane	74-83-9	5	25	5.0	299	U	0.30
Chloroethane	75-00-3	5	25	5.0	299	U	0.30
Trichlorofluoromethane	75-69-4	2	10	2.0	120	U	0.12
Carbon Disulfide	75-15-0	5	25	5.0	299	U	0.30
Acetone	**67-64-1**	**10**	**22**	**4.3**	**259**		**0.26**
1,1-Dichloroethene	75-35-4	2	10	2.0	120	U	0.12
1,1-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
Methylene Chloride	**75-09-2**	**2**	**16**	**3.3**	**197**	**B**	**0.20**
trans-1,2-Dichloroethene	156-60-5	2	10	2.0	120	U	0.12
cis-1,2-Dichloroethene	156-59-4	2	10	2.0	120	U	0.12
2,2-Dichloropropane	590-20-7	2	10	2.0	120	U	0.12
Bromochloromethane	74-97-5	2	10	2.0	120	U	0.12
Chloroform	67-66-3	2	10	2.0	120	U	0.12
1,2-Dichloroethane	107-06-2	2	10	2.0	120	U	0.12
2-Butanone	**78-93-3**	**10**	**59**	**11.7**	**702**		**0.70**
1,1,1-Trichloroethane	71-55-6	2	10	2.0	120	U	0.12
2-Chloroethylvinyl ether		2	10	2.0	120	U	0.12
Carbon tetrachloride	56-15-0	2	10	2.0	120	U	0.12
1,1-Dichloropropene	563-58-6	2	10	2.0	120	U	0.12
1,2-Dichloropropane	78-87-5	2	10	2.0	120	U	0.12
Bromodichloromethane	75-27-4	2	10	2.0	120	U	0.12
Dibromomethane	75-95-3	2	10	2.0	120	U	0.12
cis-1,3-Dichloropropene	10061-01-5	2	10	2.0	120	U	0.12
Trichloroethene	79-01-6	2	10	2.0	120	U	0.12
Benzene	71-43-2	2	10	2.0	120	U	0.12
1,3-Dichloropropane	142-28-9	2	10	2.0	120	U	0.12
Dibromochloromethane	124-48-1	2	10	2.0	120	U	0.12
1,2-Dibromoethane	106-93-4	2	10	2.0	120	U	0.12
trans-1,3-Dichloropropene	10061-02-6	2	10	2.0	120	U	0.12
1,1,2-Trichloroethane	79-00-5	2	10	2.0	120	U	0.12
4-Methyl-2-Pentanone	108-10-1	10	50	10.0	599	U	0.60
2-Hexanone	591-78-6	10	50	10.0	599	U	0.60
Tetrachloroethene	127-18-4	2	10	2.0	120	U	0.12
1,1,1,2-Tetrachloroethane	630-20-6	2	10	2.0	120	U	0.12
Bromoform	75-25-2	2	10	2.0	120	U	0.12
1,1,2,2-Tetrachloroethane	79-34-5	2	10	2.0	120	U	0.12
Toluene	**108-88-3**	**2**	**46**	**9.3**	**556**		**0.56**
Chlorobenzene	108-90-7	2	10	2.0	120	U	0.12
Ethyl benzene	100-41-4	2	10	2.0	120	U	0.12
Styrene	100-42-5	2	10	2.0	120	U	0.12
m&p Xylene	**1330-20-7**	**4**	**32**	**6.4**	**381**		**0.38**
o-Xylene	**95-47-6**	**2**	**16**	**3.3**	**197**		**0.20**
1,3-Dichlorobenzene	541-73-1	2	10	2.0	120	U	0.12
1,4-Dichlorobenzene	106-46-7	2	10	2.0	120	U	0.12
n-Butyl benzene	104-51-8	2	10	2.0	120	U	0.12
1,2-Dichlorobenzene	95-50-1	2	10	2.0	120	U	0.12
Isopropyl benzene	98-82-8	2	10	2.0	120	U	0.12
1,2,3-Trichloropropane	96-18-4	2	10	2.0	120	U	0.12
Bromobenzene	108-86-1	2	10	2.0	120	U	0.12
n-Propylbenzene	103-65-1	2	10	2.0	120	U	0.12
2-Chlorotoluene	95-49-8	2	10	2.0	120	U	0.12
4-Chlorotoluene	106-43-4	2	10	2.0	120	U	0.12
1,3,5-Trimethylbenzene	108-67-8	2	10	2.0	120	U	0.12
tert-Butylbenzene	98-06-6	2	10	2.0	120	U	0.12
1,2,4-Trimethylbenzene	**120-82-1**	**2**	**13**	**2.6**	**155**		**0.15**
sec-Butylbenzene	135-98-8	2	10	2.0	120	U	0.12
p-Isopropyltoluene	99-82-8	2	10	2.0	120	U	0.12
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	5.0	299	U	0.30
1,2,4-Trichlorobenzene	120-82-1	2	10	2.0	120	U	0.12
Hexachlorobutadiene	87-68-3	2	10	2.0	120	U	0.12
Naphthalene	91-20-3	2	10	2.0	120	U	0.12
1,2,3-Trichlorobenzene	87-61-6	2	10	2.0	120	U	0.12

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromofluoromethane	1868-53-7	110	86-120	80-120	71-106
Toluene-d8	2037-26-5	110	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	109	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLOGIES DIVISION

URS Contract:		Sample Amount:	5.2
Lab Delivery Group	URS111801	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111801-11	Prep Method 1:	SW5035
Field Sample ID:	GCMS-Q-99	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/18/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8260B	Spike Amount:	
Prep Batch Number:	111801	Percent Solids:	89
Laboratory Data File.	01112815	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ppb)	Raw Result	Wt. Corrected	Final Result (ug/kg	Result Flag	mg/kg
Dichlorodifluoromethane	75-71-8	5	25	4.8	271	U	0.27
Chloromethane	74-87-3	5	25	4.8	271	U	0.27
Vinyl Chloride	75-01-4	2	10	1.9	108	U	0.11
Bromomethane	74-83-9	5	25	4.8	271	U	0.27
Chloroethane	75-00-3	5	25	4.8	271	U	0.27
Trichlorofluoromethane	75-69-4	2	10	1.9	108	U	0.11
Carbon Disulfide	75-15-0	5	25	4.8	271	U	0.27
Acetone	**67-64-1**	**10**	**18**	**3.4**	**191**		**0.19**
1,1-Dichloroethene	75-35-4	2	10	1.9	108	U	0.11
1,1-Dichloroethane	107-06-2	2	10	1.9	108	U	0.11
Methylene Chloride	**75-09-2**	**2**	**12**	**2.3**	**127**	**B**	**0.13**
trans-1,2-Dichloroethene	156-60-5	2	10	1.9	108	U	0.11
cis-1,2-Dichloroethene	156-59-4	2	10	1.9	108	U	0.11
2,2-Dichloropropane	590-20-7	2	10	1.9	108	U	0.11
Bromochloromethane	74-97-5	2	10	1.9	108	U	0.11
Chloroform	67-66-3	2	10	1.9	108	U	0.11
1,2-Dichloroethane	107-06-2	2	10	1.9	108	U	0.11
2-Butanone	**78-93-3**	**10**	**63**	**12.0**	**678**		**0.68**
1,1,1-Trichloroethane	71-55-6	2	10	1.9	108	U	0.11
2-Chloroethylvinyl ether		2	10	1.9	108	U	0.11
Carbon tetrachloride	56-15-0	2	10	1.9	108	U	0.11
1,1-Dichloropropene	563-58-6	2	10	1.9	108	U	0.11
1,2-Dichloropropane	78-87-5	2	10	1.9	108	U	0.11
Bromodichloromethane	75-27-4	2	10	1.9	108	U	0.11
Dibromomethane	75-95-3	2	10	1.9	108	U	0.11
cis-1,3-Dichloropropene	10061-01-5	2	10	1.9	108	U	0.11
Trichloroethene	79-01-6	2	10	1.9	108	U	0.11
Benzene	71-43-2	2	10	1.9	108	U	0.11
1,3-Dichloropropane	142-28-9	2	10	1.9	108	U	0.11
Dibromochloromethane	124-48-1	2	10	1.9	108	U	0.11
1,2-Dibromoethane	106-93-4	2	10	1.9	108	U	0.11
trans-1,3-Dichloropropene	10061-02-6	2	10	1.9	108	U	0.11
1,1,2-Trichloroethane	79-00-5	2	10	1.9	108	U	0.11
4-Methyl-2-Pentanone	108-10-1	10	50	9.6	541	U	0.54
2-Hexanone	591-78-6	10	50	9.6	541	U	0.54
Tetrachloroethene	127-18-4	2	10	1.9	108	U	0.11
1,1,1,2-Tetrachloroethane	630-20-6	2	10	1.9	108	U	0.11
Bromoform	75-25-2	2	10	1.9	108	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	2	10	1.9	108	U	0.11
Toluene	108-88-3	2	10	1.9	108	U	0.11
Chlorobenzene	108-90-7	2	10	1.9	108	U	0.11
Ethyl benzene	100-41-4	2	10	1.9	108	U	0.11
Styrene	100-42-5	2	10	1.9	108	U	0.11
m&p Xylene	1330-20-7	4	10	1.9	108	U	0.11
o-Xylene	95-47-6	2	10	1.9	108	U	0.11
1,3-Dichlorobenzene	541-73-1	2	10	1.9	108	U	0.11
1,4-Dichlorobenzene	106-46-7	2	10	1.9	108	U	0.11
n-Butyl benzene	104-51-8	2	10	1.9	108	U	0.11
1,2-Dichlorobenzene	95-50-1	2	10	1.9	108	U	0.11
Isopropyl benzene	98-82-8	2	10	1.9	108	U	0.11
1,2,3-Trichloropropane	96-18-4	2	10	1.9	108	U	0.11
Bromobenzene	108-86-1	2	10	1.9	108	U	0.11
n-Propylbenzene	103-65-1	2	10	1.9	108	U	0.11
2-Chlorotoluene	95-49-8	2	10	1.9	108	U	0.11
4-Chlorotoluene	106-43-4	2	10	1.9	108	U	0.11
1,3,5-Trimethylbenzene	108-67-8	2	10	1.9	108	U	0.11
tert-Butylbenzene	98-06-6	2	10	1.9	108	U	0.11
1,2,4-Trimethylbenzene	120-82-1	2	10	1.9	108	U	0.11
sec-Butylbenzene	135-98-8	2	10	1.9	108	U	0.11
p-Isopropyltoluene	99-82-8	2	10	1.9	108	U	0.11
1,2-Dibromo-3-Chloropropane	96-12-8	5	25	4.8	271	U	0.27
1,2,4-Trichlorobenzene	120-82-1	2	10	1.9	108	U	0.11
Hexachlorobutadiene	87-68-3	2	10	1.9	108	U	0.11
Naphthalene	**91-20-3**	**2**	**80**	**15.4**	**865**		**0.87**
1,2,3-Trichlorobenzene	87-61-6	2	10	1.9	108	U	0.11

SURROGATES	CAS Number	% REC	Water	Soil	Methanol
Dibromoflouromethane	1868-53-7	112	86-120	80-120	71-106
Toluene-d8	2037-26-5	111	88-110	81-117	68-102
4-Bromofluorobenzene	460-00-4	102	86-130	74-121	74-121

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date Reviewer Signature Date

1918 Pickrell Road, Reidsville, NC 27320

Ph 336-634-0660
Fax 336-634-0646

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-1	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/06/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name:	SA04217	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	381	U	0.381
Phenol		550	10	10.0	333	381	U	0.381
2-Chlorophenol		550	10	10.0	333	381	U	0.381
1,3-Dichlorobenzene		330	10	10.0	333	381	U	0.381
1,4-Dichlorobenzene		330	10	10.0	333	381	U	0.381
1,2-Dichlorobenzene		330	10	10.0	333	381	U	0.381
Benzyl Alcohol		330	10	10.0	333	381	U	0.381
bis (2-Chloroisopropyl) ether		330	10	10.0	333	381	U	0.381
2-Methylphenol		550	10	10.0	333	381	U	0.381
Hexachloroethane		330	10	10.0	333	381	U	0.381
N-Nitroso-di-n-propylamine		330	10	10.0	333	381	U	0.381
4-Methylphenol		550	10	10.0	333	381	U	0.381
Nitrobenzene		330	10	10.0	333	381	U	0.381
Isophorone		330	10	10.0	333	381	U	0.381
2-Nitrophenol		550	10	10.0	333	381	U	0.381
2,4-Dimethylphenol		550	10	10.0	333	381	U	0.381
bis (2-Chloroethoxy) methane		330	10	10.0	333	381	U	0.381
2,4-Dichlorophenol		**550**	**15**	**14.9**	**496**	**568**		**0.568**
Benzoic Acid		330	10	10.0	333	381	U	0.381
1,2,4-Trichlorobenzene		330	10	10.0	333	381	U	0.381
Naphthalene		330	10	10.0	333	381	U	0.381
4-Chloroaniline		**330**	**5**	**5.2**	**173**	**198**	**J**	**0.198**
Hexachlorobutadiene		330	10	10.0	333	381	U	0.381
4-Chloro-3-methylphenol		330	10	10.0	333	381	U	0.381
2-Methylnaphthalene		330	10	10.0	333	381	U	0.381
Hexachlorocyclopentadiene		330	10	10.0	333	381	U	0.381
2,4,6-Trichlorophenol		550	10	10.0	333	381	U	0.381
2,4,5-Trichlorophenol		550	10	10.0	333	381	U	0.381
2-Chloronaphthalene		330	10	10.0	333	381	U	0.381
2-Nitroaniline		330	10	10.0	333	381	U	0.381
Acenaphthalene		**330**	**16**	**15.6**	**521**	**596**		**0.596**
Dimethylphthalate		1500	10	10.0	333	381	U	0.381
2,6-Dinitrotoluene		330	10	10.0	333	381	U	0.381
3-Nitroaniline		330	10	10.0	333	381	U	0.381
Acenaphthene		330	10	10.0	333	381	U	0.381
2,4-Dinitrophenol		550	10	10.0	333	381	U	0.381
Dibenzofuran		330	10	10.0	333	381	U	0.381
2,4-Dinitrotoluene		330	10	10.0	333	381	U	0.381
4-Nitrophenol		550	10	10.0	333	381	U	0.381
Fluorene		550	10	10.0	333	381	U	0.381
4-Chlorophenyl-phenyl ether		330	10	10.0	333	381	U	0.381
Diethylphthalate		1500	10	10.0	333	381	U	0.381
4-Nitroaniline		330	10	10.0	333	381	U	0.381
4,6-Dinitro-2-methylphenol		550	10	10.0	333	381	U	0.381
N-Nitrosodiphenylamine		330	10	10.0	333	381	U	0.381
4-Bromophenyl-phenylether		330	10	10.0	333	381	U	0.381
Hexachlorobenzene		330	10	10.0	333	381	U	0.381
Pentachlorophenol		550	10	10.0	333	381	U	0.381
Phenanthrene		330	10	10.0	333	381	U	0.381
Anthracene		330	10	10.0	333	381	U	0.381
Di-n-butylphthalate		1500	10	10.0	333	381	U	0.381
Fluoranthene		330	10	10.0	333	381	U	0.381
Pyrene		330	10	10.0	333	381	U	0.381
Butylbenzylphthalate		1500	10	10.0	333	381	U	0.381
3,3-Dichlorobenzidine		330	10	10.0	333	381	U	0.381
Benzo (a) anthracene		330	10	10.0	333	381	U	0.381
Chrysene		330	10	10.0	333	381	U	0.381
bis (2-Ethylhexyl) phthalate		**1500**	**15**	**15.3**	**510**	**584**		**0.584**
Di-n-octylphthalate		1500	10	10.0	333	381	U	0.381
Benzo (b) fluoranthene		330	10	10.0	333	381	U	0.381
Benzo (k) fluoranthene		330	10	10.0	333	381	U	0.381
Benzo (a) pyrene		330	10	10.0	333	381	U	0.381
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	381	U	0.381
Dibenzo (a,h) anthracene		330	10	10.0	333	381	U	0.381
Benzo (g,h,i) perylene		330	10	10.0	333	381	U	0.381

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		48	25-121
Phenol-d6		60	24-113
Nitrobenzene-d5		57	23-120
2-Fluorobiphenyl		47	30-115
2,4,6-Tribromophenol		75	19-122
Terphenyl-d14		70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Hydrocarbon pattern; Dilute X 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-2	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/06/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	88
Data File Name:	SA04218	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	377	U	0.377
Phenol		550	10	10.0	333	377	U	0.377
2-Chlorophenol		550	10	10.0	333	377	U	0.377
1,3-Dichlorobenzene		330	10	10.0	333	377	U	0.377
1,4-Dichlorobenzene		330	10	10.0	333	377	U	0.377
1,2-Dichlorobenzene		330	10	10.0	333	377	U	0.377
Benzyl Alcohol		330	10	10.0	333	377	U	0.377
bis (2-Chloroisopropyl) ether		330	10	10.0	333	377	U	0.377
2-Methylphenol		550	10	10.0	333	377	U	0.377
Hexachloroethane		330	10	10.0	333	377	U	0.377
N-Nitroso-di-n-propylamine		330	10	10.0	333	377	U	0.377
4-Methylphenol		550	10	10.0	333	377	U	0.377
Nitrobenzene		330	10	10.0	333	377	U	0.377
Isophorone		330	10	10.0	333	377	U	0.377
2-Nitrophenol		550	10	10.0	333	377	U	0.377
2,4-Dimethylphenol		550	10	10.0	333	377	U	0.377
bis (2-Chloroethoxy) methane		330	10	10.0	333	377	U	0.377
2,4-Dichlorophenol		550	10	10.0	333	377	U	0.377
Benzoic Acid		330	10	10.0	333	377	U	0.377
1,2,4-Trichlorobenzene		330	10	10.0	333	377	U	0.377
Naphthalene		330	10	10.0	333	377	U	0.377
4-Chloroaniline		330	10	10.0	333	377	U	0.377
Hexachlorobutadiene		330	10	10.0	333	377	U	0.377
4-Chloro-3-methylphenol		330	10	10.0	333	377	U	0.377
2-Methylnaphthalene		330	10	10.0	333	377	U	0.377
Hexachlorocyclopentadiene		330	10	10.0	333	377	U	0.377
2,4,6-Trichlorophenol		550	10	10.0	333	377	U	0.377
2,4,5-Trichlorophenol		550	10	10.0	333	377	U	0.377
2-Chloronaphthalene		330	10	10.0	333	377	U	0.377
2-Nitroaniline		330	10	10.0	333	377	U	0.377
Acenaphthalene		330	10	10.0	333	377	U	0.377
Dimethylphthalate		1500	10	10.0	333	377	U	0.377
2,6-Dinitrotoluene		330	10	10.0	333	377	U	0.377
3-Nitroaniline		330	10	10.0	333	377	U	0.377
Acenaphthene		330	10	10.0	333	377	U	0.377
2,4-Dinitrophenol		550	10	10.0	333	377	U	0.377
Dibenzofuran		330	10	10.0	333	377	U	0.377
2,4-Dinitrotoluene		330	10	10.0	333	377	U	0.377
4-Nitrophenol		550	10	10.0	333	377	U	0.377
Fluorene		550	10	10.0	333	377	U	0.377
4-Chlorophenyl-phenyl ether		330	10	10.0	333	377	U	0.377
Diethylphthalate		1500	10	10.0	333	377	U	0.377
4-Nitroaniline		330	10	10.0	333	377	U	0.377
4,6-Dinitro-2-methylphenol		550	10	10.0	333	377	U	0.377
N-Nitrosodiphenylamine		330	10	10.0	333	377	U	0.377
4-Bromophenyl-phenylether		330	10	10.0	333	377	U	0.377
Hexachlorobenzene		330	10	10.0	333	377	U	0.377
Pentachlorophenol		550	10	10.0	333	377	U	0.377
Phenanthrene		330	10	10.0	333	377	U	0.377
Anthracene		330	10	10.0	333	377	U	0.377
Di-n-butylphthalate		1500	10	10.0	333	377	U	0.377
Fluoranthene		330	10	10.0	333	377	U	0.377
Pyrene		330	10	10.0	333	377	U	0.377
Butylbenzylphthalate		1500	10	10.0	333	377	U	0.377
3,3-Dichlorobenzidine		330	10	10.0	333	377	U	0.377
Benzo (a) anthracene		330	10	10.0	333	377	U	0.377
Chrysene		330	10	10.0	333	377	U	0.377
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	377	U	0.377
Di-n-octylphthalate		1500	10	10.0	333	377	U	0.377
Benzo (b) fluoranthene		330	10	10.0	333	377	U	0.377
Benzo (k) fluoranthene		330	10	10.0	333	377	U	0.377
Benzo (a) pyrene		330	10	10.0	333	377	U	0.377
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	377	U	0.377
Dibenzo (a,h) anthracene		330	10	10.0	333	377	U	0.377
Benzo (g,h,I) perylene		330	10	10.0	333	377	U	0.377

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		39	25-121
Phenol-d6		55	24-113
Nitrobenzene-d5		71	23-120
2-Fluorobiphenyl		76	30-115
2,4,6-Tribromophenol		80	19-122
Terphenyl-d14		71	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-03	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-3	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/06/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	88
Data File Name:	SA04219	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	388	U	0.388
Phenol		550	10	10.0	333	388	U	0.388
2-Chlorophenol		550	10	10.0	333	388	U	0.388
1,3-Dichlorobenzene		330	10	10.0	333	388	U	0.388
1,4-Dichlorobenzene		330	10	10.0	333	388	U	0.388
1,2-Dichlorobenzene		330	10	10.0	333	388	U	0.388
Benzyl Alcohol		330	10	10.0	333	388	U	0.388
bis (2-Chloroisopropyl) ether		330	10	10.0	333	388	U	0.388
2-Methylphenol		550	10	10.0	333	388	U	0.388
Hexachloroethane		330	10	10.0	333	388	U	0.388
N-Nitroso-di-n-propylamine		330	10	10.0	333	388	U	0.388
4-Methylphenol		550	10	10.0	333	388	U	0.388
Nitrobenzene		330	10	10.0	333	388	U	0.388
Isophorone		330	10	10.0	333	388	U	0.388
2-Nitrophenol		550	10	10.0	333	388	U	0.388
2,4-Dimethylphenol		550	10	10.0	333	388	U	0.388
bis (2-Chloroethoxy) methane		330	10	10.0	333	388	U	0.388
2,4-Dichlorophenol		550	10	10.0	333	388	U	0.388
Benzoic Acid		330	10	10.0	333	388	U	0.388
1,2,4-Trichlorobenzene		330	10	10.0	333	388	U	0.388
Naphthalene		330	10	10.0	333	388	U	0.388
4-Chloroaniline		330	10	10.0	333	388	U	0.388
Hexachlorobutadiene		330	10	10.0	333	388	U	0.388
4-Chloro-3-methylphenol		330	10	10.0	333	388	U	0.388
2-Methylnaphthalene		330	10	10.0	333	388	U	0.388
Hexachlorocyclopentadiene		330	10	10.0	333	388	U	0.388
2,4,6-Trichlorophenol		550	10	10.0	333	388	U	0.388
2,4,5-Trichlorophenol		550	10	10.0	333	388	U	0.388
2-Chloronaphthalene		330	10	10.0	333	388	U	0.388
2-Nitroaniline		330	10	10.0	333	388	U	0.388
Acenaphthalene		330	10	10.0	333	388	U	0.388
Dimethylphthalate		1500	10	10.0	333	388	U	0.388
2,6-Dinitrotoluene		330	10	10.0	333	388	U	0.388
3-Nitroaniline		330	10	10.0	333	388	U	0.388
Acenaphthene		330	10	10.0	333	388	U	0.388
2,4-Dinitrophenol		550	10	10.0	333	388	U	0.388
Dibenzofuran		330	10	10.0	333	388	U	0.388
2,4-Dinitrotoluene		330	10	10.0	333	388	U	0.388
4-Nitrophenol		550	10	10.0	333	388	U	0.388
Fluorene		550	10	10.0	333	388	U	0.388
4-Chlorophenyl-phenyl ether		330	10	10.0	333	388	U	0.388
Diethylphthalate		1500	10	10.0	333	388	U	0.388
4-Nitroaniline		330	10	10.0	333	388	U	0.388
4,6-Dinitro-2-methylphenol		550	10	10.0	333	388	U	0.388
N-Nitrosodiphenylamine		330	10	10.0	333	388	U	0.388
4-Bromophenyl-phenylether		330	10	10.0	333	388	U	0.388
Hexachlorobenzene		330	10	10.0	333	388	U	0.388
Pentachlorophenol		550	10	10.0	333	388	U	0.388
Phenanthrene		330	10	10.0	333	388	U	0.388
Anthracene		330	10	10.0	333	388	U	0.388
Di-n-butylphthalate		1500	10	10.0	333	388	U	0.388
Fluoranthene		330	10	9.9	328	382	J	0.382
Pyrene		330	8	8.4	281	326	J	0.326
Butylbenzylphthalate		1500	10	10.0	333	388	U	0.388
3,3-Dichlorobenzidine		330	10	10.0	333	388	U	0.388
Benzo (a) anthracene		330	10	10.0	333	388	U	0.388
Chrysene		330	10	10.0	333	388	U	0.388
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	388	U	0.388
Di-n-octylphthalate		1500	10	10.0	333	388	U	0.388
Benzo (b) fluoranthene		330	8	8.3	276	321	J	0.321
Benzo (k) fluoranthene		330	10	10.0	333	388	U	0.388
Benzo (a) pyrene		330	7	6.7	223	259	J	0.259
Indeno (1,2,3-cd) pyrene		330	7	6.6	219	255	J	0.255
Dibenzo (a,h) anthracene		330	10	10.0	333	388	U	0.388
Benzo (g,h,i) perylene		330	6	5.9	196	228	J	0.228

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		48	25-121
Phenol-d6		63	24-113
Nitrobenzene-d5		64	23-120
2-Fluorobiphenyl		72	30-115
2,4,6-Tribromophenol		73	19-122
Terphenyl-d14		63	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-5	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/06/01
Date Sample Received.	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	77
Data File Name:	SA04220	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	430	U	0.430
Phenol		550	10	10.0	333	430	U	0.430
2-Chlorophenol		550	10	10.0	333	430	U	0.430
1,3-Dichlorobenzene		330	10	10.0	333	430	U	0.430
1,4-Dichlorobenzene		330	10	10.0	333	430	U	0.430
1,2-Dichlorobenzene		330	10	10.0	333	430	U	0.430
Benzyl Alcohol		330	10	10.0	333	430	U	0.430
bis (2-Chloroisopropyl) ether		330	10	10.0	333	430	U	0.430
2-Methylphenol		550	10	10.0	333	430	U	0.430
Hexachloroethane		330	10	10.0	333	430	U	0.430
N-Nitroso-di-n-propylamine		330	10	10.0	333	430	U	0.430
4-Methylphenol		550	10	10.0	333	430	U	0.430
Nitrobenzene		330	10	10.0	333	430	U	0.430
Isophorone		330	10	10.0	333	430	U	0.430
2-Nitrophenol		550	10	10.0	333	430	U	0.430
2,4-Dimethylphenol		550	10	10.0	333	430	U	0.430
bis (2-Chloroethoxy) methane		330	10	10.0	333	430	U	0.430
2,4-Dichlorophenol		550	10	10.0	333	430	U	0.430
Benzoic Acid		330	10	10.0	333	430	U	0.430
1,2,4-Trichlorobenzene		330	10	10.0	333	430	U	0.430
Naphthalene		330	10	10.0	333	430	U	0.430
4-Chloroaniline		330	10	10.0	333	430	U	0.430
Hexachlorobutadiene		330	10	10.0	333	430	U	0.430
4-Chloro-3-methylphenol		330	10	10.0	333	430	U	0.430
2-Methylnaphthalene		330	10	10.0	333	430	U	0.430
Hexachlorocyclopentadiene		330	10	10.0	333	430	U	0.430
2,4,6-Trichlorophenol		550	10	10.0	333	430	U	0.430
2,4,5-Trichlorophenol		550	10	10.0	333	430	U	0.430
2-Chloronaphthalene		330	10	10.0	333	430	U	0.430
2-Nitroaniline		330	10	10.0	333	430	U	0.430
Acenaphthalene		330	10	10.0	333	430	U	0.430
Dimethylphthalate		1500	10	10.0	333	430	U	0.430
2,6-Dinitrotoluene		330	10	10.0	333	430	U	0.430
3-Nitroaniline		330	10	10.0	333	430	U	0.430
Acenaphthene		330	10	10.0	333	430	U	0.430
2,4-Dinitrophenol		550	10	10.0	333	430	U	0.430
Dibenzofuran		330	10	10.0	333	430	U	0.430
2,4-Dinitrotoluene		330	10	10.0	333	430	U	0.430
4-Nitrophenol		550	10	10.0	333	430	U	0.430
Fluorene		550	10	10.0	333	430	U	0.430
4-Chlorophenyl-phenyl ether		330	10	10.0	333	430	U	0.430
Diethylphthalate		1500	10	10.0	333	430	U	0.430
4-Nitroaniline		330	10	10.0	333	430	U	0.430
4,6-Dinitro-2-methylphenol		550	10	10.0	333	430	U	0.430
N-Nitrosodiphenylamine		330	10	10.0	333	430	U	0.430
4-Bromophenyl-phenylether		330	10	10.0	333	430	U	0.430
Hexachlorobenzene		330	10	10.0	333	430	U	0.430
Pentachlorophenol		550	10	10.0	333	430	U	0.430
Phenanthrene		330	10	10.0	333	430	U	0.430
Anthracene		330	10	10.0	333	430	U	0.430
Di-n-butylphthalate		1500	10	10.0	333	430	U	0.430
Fluoranthene		330	10	10.0	333	430	U	0.430
Pyrene		330	10	10.0	333	430	U	0.430
Butylbenzylphthalate		1500	10	10.0	333	430	U	0.430
3,3-Dichlorobenzidine		330	10	10.0	333	430	U	0.430
Benzo (a) anthracene		330	10	10.0	333	430	U	0.430
Chrysene		330	10	10.0	333	430	U	0.430
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	430	U	0.430
Di-n-octylphthalate		1500	10	10.0	333	430	U	0.430
Benzo (b) fluoranthene		330	10	10.0	333	430	U	0.430
Benzo (k) fluoranthene		330	10	10.0	333	430	U	0.430
Benzo (a) pyrene		330	10	10.0	333	430	U	0.430
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	430	U	0.430
Dibenzo (a,h) anthracene		330	10	10.0	333	430	U	0.430
Benzo (g,h,i) perylene		330	10	10.0	333	430	U	0.430

SURROGATES	CAS Number	% REC	Soil	
2-Fluorophenol		11	25-121	*
Phenol-d6		26	24-113	
Nitrobenzene-d5		20	23-120	*
2-Fluorobiphenyl		40	30-115	
2,4,6-Tribromophenol		55	19-122	
Terphenyl-d14		50	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-6	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name:	SA04226.D	Laboratory Code:	STL-0ST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	3820	U	3.82
Phenol		550	10	10.0	333.3	3820	U	3.82
2-Chlorophenol		550	10	10.0	333.3	3820	U	3.82
1,3-Dichlorobenzene		330	10	10.0	333.3	3820	U	3.82
1,4-Dichlorobenzene		330	10	10.0	333.3	3820	U	3.82
1,2-Dichlorobenzene		330	10	10.0	333.3	3820	U	3.82
Benzyl Alcohol		330	10	10.0	333.3	3820	U	3.82
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	3820	U	3.82
2-Methylphenol		550	10	10.0	333.3	3820	U	3.82
Hexachloroethane		330	10	10.0	333.3	3820	U	3.82
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	3820	U	3.82
4-Methylphenol		550	10	10.0	333.3	3820	U	3.82
Nitrobenzene		330	10	10.0	333.3	3820	U	3.82
Isophorone		330	7	7.2	239.0	2739	J	2.74
2-Nitrophenol		550	10	10.0	333.3	3820	U	3.82
2,4-Dimethylphenol		550	10	10.0	333.3	3820	U	3.82
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	3820	U	3.82
2,4-Dichlorophenol		550	10	10.0	333.3	3820	U	3.82
Benzoic Acid		330	10	10.0	333.3	3820	U	3.82
1,2,4-Trichlorobenzene		330	18	17.7	588.3	6743		6.74
Naphthalene		330	10	10.0	333.3	3820	U	3.82
4-Chloroaniline		330	10	10.0	333.3	3820	U	3.82
Hexachlorobutadiene		330	10	10.0	333.3	3820	U	3.82
4-Chloro-3-methylphenol		330	10	10.0	333.3	3820	U	3.82
2-Methylnaphthalene		330	10	10.0	333.3	3820	U	3.82
Hexachlorocyclopentadiene		330	10	10.0	333.3	3820	U	3.82
2,4,6-Trichlorophenol		550	11	11.3	375.0	4298		4.30
2,4,5-Trichlorophenol		550	11	10.9	362.0	4149		4.15
2-Chloronaphthalene		330	10	10.0	333.3	3820	U	3.82
2-Nitroaniline		330	10	10.0	333.3	3820	U	3.82
Acenaphthalene		330	10	10.0	333.3	3820	U	3.82
Dimethylphthalate		1500	10	10.0	333.3	3820	U	3.82
2,6-Dinitrotoluene		330	10	10.0	333.3	3820	U	3.82
3-Nitroaniline		330	10	10.0	333.3	3820	U	3.82
Acenaphthene		330	10	10.0	333.3	3820	U	3.82
2,4-Dinitrophenol		550	10	10.0	333.3	3820	U	3.82
Dibenzofuran		330	10	10.0	333.3	3820	U	3.82
2,4-Dinitrotoluene		330	10	10.0	333.3	3820	U	3.82
4-Nitrophenol		550	10	10.0	333.3	3820	U	3.82
Fluorene		550	10	10.0	333.3	3820	U	3.82
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	3820	U	3.82
Diethylphthalate		1500	10	10.0	333.3	3820	U	3.82
4-Nitroaniline		330	10	10.0	333.3	3820	U	3.82
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	3820	U	3.82
N-Nitrosodiphenylamine		330	10	10.0	333.3	3820	U	3.82
4-Bromophenyl-phenylether		330	10	10.0	333.3	3820	U	3.82
Hexachlorobenzene		330	10	10.0	333.3	3820	U	3.82
Pentachlorophenol		550	36	35.6	1185.7	13589		14
Phenanthrene		330	10	10.0	333.3	3820	U	3.82
Anthracene		330	10	10.0	333.3	3820	U	3.82
Di-n-butylphthalate		1500	10	10.0	333.3	3820	U	3.82
Fluoranthene		330	10	10.0	333.3	3820	U	3.82
Pyrene		330	10	10.0	333.3	3820	U	3.82
Butylbenzylphthalate		1500	10	10.0	333.3	3820	U	3.82
3,3-Dichlorobenzidine		330	10	10.0	333.3	3820	U	3.82
Benzo (a) anthracene		330	10	10.0	333.3	3820	U	3.82
Chrysene		330	10	10.0	333.3	3820	U	3.82
bis (2-Ethylhexyl) phthalate		1500	7	7.3	243.0	2785	J	2.79
Di-n-octylphthalate		1500	10	10.0	333.3	3820	U	3.82
Benzo (b) fluoranthene		330	10	10.0	333.3	3820	U	3.82
Benzo (k) fluoranthene		330	10	10.0	333.3	3820	U	3.82
Benzo (a) pyrene		330	10	10.0	333.3	3820	U	3.82
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	3820	U	3.82
Dibenzo (a,h) anthracene		330	10	10.0	333.3	3820	U	3.82
Benzo (g,h,i) perylene		330	10	10.0	333.3	3820	U	3.82

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		13	25-121
Phenol-d6		28	24-113
Nitrobenzene-d5		32	23-120
2-Fluorobiphenyl		63	30-115
2,4,6-Tribromophenol		33	19-122
Terphenyl-d14		92	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low. Sample to be re-run, heavy hydrocarbon "hump"

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-05DL	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-5	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name:	*SA04236*	*Laboratory Code:*	*STL-OST*

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	38204	U	38
Phenol		550	10	10.0	333.3	38204	U	38
2-Chlorophenol		550	10	10.0	333.3	38204	U	38
1,3-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
1,4-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
1,2-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
Benzyl Alcohol		330	10	10.0	333.3	38204	U	38
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	38204	U	38
2-Methylphenol		550	10	10.0	333.3	38204	U	38
Hexachloroethane		330	10	10.0	333.3	38204	U	38
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	38204	U	38
4-Methylphenol		550	10	10.0	333.3	38204	U	38
Nitrobenzene		330	10	10.0	333.3	38204	U	38
Isophorone		330	10	10.0	333.3	38204	U	38
2-Nitrophenol		550	10	10.0	333.3	38204	U	38
2,4-Dimethylphenol		550	10	10.0	333.3	38204	U	38
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	38204	U	38
2,4-Dichlorophenol		550	10	10.0	333.3	38204	U	38
Benzoic Acid		330	10	10.0	333.3	38204	U	38
1,2,4-Trichlorobenzene		330	10	10.0	333.3	38204	U	38
Naphthalene		330	10	10.0	333.3	38204	U	38
4-Chloroaniline		330	10	10.0	333.3	38204	U	38
Hexachlorobutadiene		330	10	10.0	333.3	38204	U	38
4-Chloro-3-methylphenol		330	10	10.0	333.3	38204	U	38
2-Methylnaphthalene		330	10	10.0	333.3	38204	U	38
Hexachlorocyclopentadiene		330	10	10.0	333.3	38204	U	38
2,4,6-Trichlorophenol		550	10	10.0	333.3	38204	U	38
2,4,5-Trichlorophenol		550	10	10.0	333.3	38204	U	38
2-Chloronaphthalene		330	10	10.0	333.3	38204	U	38
2-Nitroaniline		330	10	10.0	333.3	38204	U	38
Acenaphthalene		330	10	10.0	333.3	38204	U	38
Dimethylphthalate		1500	10	10.0	333.3	38204	U	38
2,6-Dinitrotoluene		330	10	10.0	333.3	38204	U	38
3-Nitroaniline		330	10	10.0	333.3	38204	U	38
Acenaphthene		330	10	10.0	333.3	38204	U	38
2,4-Dinitrophenol		550	10	10.0	333.3	38204	U	38
Dibenzofuran		330	10	10.0	333.3	38204	U	38
2,4-Dinitrotoluene		330	10	10.0	333.3	38204	U	38
4-Nitrophenol		550	10	10.0	333.3	38204	U	38
Fluorene		550	10	10.0	333.3	38204	U	38
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	38204	U	38
Diethylphthalate		1500	10	10.0	333.3	38204	U	38
4-Nitroaniline		330	10	10.0	333.3	38204	U	38
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	38204	U	38
N-Nitrosodiphenylamine		330	10	10.0	333.3	38204	U	38
4-Bromophenyl-phenylether		330	10	10.0	333.3	38204	U	38
Hexachlorobenzene		330	10	10.0	333.3	38204	U	38
Pentachlorophenol		550	10	10.0	333.3	38204	U	38
Phenanthrene		330	10	10.0	333.3	38204	U	38
Anthracene		330	10	10.0	333.3	38204	U	38
Di-n-butylphthalate		1500	10	10.0	333.3	38204	U	38
Fluoranthene		330	10	10.0	333.3	38204	U	38
Pyrene		330	10	10.0	333.3	38204	U	38
Butylbenzylphthalate		1500	10	10.0	333.3	38204	U	38
3,3-Dichlorobenzidine		330	10	10.0	333.3	38204	U	38
Benzo (a) anthracene		330	10	10.0	333.3	38204	U	38
Chrysene		330	10	10.0	333.3	38204	U	38
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	38204	U	38
Di-n-octylphthalate		1500	10	10.0	333.3	38204	U	38
Benzo (b) fluoranthene		330	10	10.0	333.3	38204	U	38
Benzo (k) fluoranthene		330	10	10.0	333.3	38204	U	38
Benzo (a) pyrene		330	10	10.0	333.3	38204	U	38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	38204	U	38
Dibenzo (a,h) anthracene		330	10	10.0	333.3	38204	U	38
Benzo (g,h,i) perylene		330	10	10.0	333.3	38204	U	38

SURROGATES	CAS Number	% REC	X DF	Soil	
2-Fluorophenol		0.02	2	25-121	*
Phenol-d6		0.16	16	24-113	*
Nitrobenzene-d5		0.32	32	23-120	
2-Fluorobiphenyl		0.54	54	30-115	
2,4,6-Tribromophenol		0.34	34	19-122	
Terphenyl-d14		1.38	138	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Hydrocarbon "hump" is substituted benzene compounds

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID	URS1106-05DL	Prep Method 1:	SW3550
Field Sample ID	GCMS-Q-5	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/06/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name	SA04242	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	38204	U	38
Phenol		550	10	10.0	333.3	38204	U	38
2-Chlorophenol		550	10	10.0	333.3	38204	U	38
1,3-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
1,4-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
1,2-Dichlorobenzene		330	10	10.0	333.3	38204	U	38
Benzyl Alcohol		330	10	10.0	333.3	38204	U	38
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	38204	U	38
2-Methylphenol		550	10	10.0	333.3	38204	U	38
Hexachloroethane		330	10	10.0	333.3	38204	U	38
N-Nitrosc-di-n-propylamine		330	10	10.0	333.3	38204	U	38
4-Methylphenol		550	10	10.0	333.3	38204	U	38
Nitrobenzene		330	10	10.0	333.3	38204	U	38
Isophorone		330	10	10.0	333.3	38204	U	38
2-Nitrophenol		550	10	10.0	333.3	38204	U	38
2,4-Dimethylphenol		550	10	10.0	333.3	38204	U	38
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	38204	U	38
2,4-Dichlorophenol		550	10	10.0	333.3	38204	U	38
Benzoic Acid		330	10	10.0	333.3	38204	U	38
1,2,4-Trichlorobenzene		330	18	10.0	333.3	38204	U	38
Naphthalene		330	10	10.0	333.3	38204	U	38
4-Chloroaniline		330	10	10.0	333.3	38204	U	38
Hexachlorobutadiene		330	10	10.0	333.3	38204	U	38
4-Chloro-3-methylphenol		330	10	10.0	333.3	38204	U	38
2-Methylnaphthalene		330	10	10.0	333.3	38204	U	38
Hexachlorocyclopentadiene		330	10	10.0	333.3	38204	U	38
2,4,6-Trichlorophenol		550	10	10.0	333.3	38204	U	38
2,4,5-Trichlorophenol		550	10	10.0	333.3	38204	U	38
2-Chloronaphthalene		330	10	10.0	333.3	38204	U	38
2-Nitroaniline		330	10	10.0	333.3	38204	U	38
Acenaphthalene		330	10	10.0	333.3	38204	U	38
Dimethylphthalate		1500	10	10.0	333.3	38204	U	38
2,6-Dinitrotoluene		330	10	10.0	333.3	38204	U	38
3-Nitroaniline		330	10	10.0	333.3	38204	U	38
Acenaphthene		330	10	10.0	333.3	38204	U	38
2,4-Dinitrophenol		550	10	10.0	333.3	38204	U	38
Dibenzofuran		330	10	10.0	333.3	38204	U	38
2,4-Dinitrotoluene		330	10	10.0	333.3	38204	U	38
4-Nitrophenol		550	10	10.0	333.3	38204	U	38
Fluorene		550	10	10.0	333.3	38204	U	38
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	38204	U	38
Diethylphthalate		1500	10	10.0	333.3	38204	U	38
4-Nitroaniline		330	10	10.0	333.3	38204	U	38
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	38204	U	38
N-Nitrosodiphenylamine		330	10	10.0	333.3	38204	U	38
4-Bromophenyl-phenylether		330	10	10.0	333.3	38204	U	38
Hexachlorobenzene		330	10	10.0	333.3	38204	U	38
Pentachlorophenol		550	6	6.2	207.3	23763		24
Phenanthrene		330	10	10.0	333.3	38204	U	38
Anthracene		330	10	10.0	333.3	38204	U	38
Di-n-butylphthalate		1500	10	10.0	333.3	38204	U	38
Fluoranthene		330	10	10.0	333.3	38204	U	38
Pyrene		330	10	10.0	333.3	38204	U	38
Butylbenzylphthalate		1500	10	10.0	333.3	38204	U	38
3,3-Dichlorobenzidine		330	10	10.0	333.3	38204	U	38
Benzo (a) anthracene		330	10	10.0	333.3	38204	U	38
Chrysene		330	10	10.0	333.3	38204	U	38
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	38204	J	38
Di-n-octylphthalate		1500	10	10.0	333.3	38204	U	38
Benzo (b) fluoranthene		330	10	10.0	333.3	38204	U	38
Benzo (k) fluoranthene		330	10	10.0	333.3	38204	U	38
Benzo (a) pyrene		330	10	10.0	333.3	38204	U	38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	38204	U	38
Dibenzo (a,h) anthracene		330	10	10.0	333.3	38204	U	38
Benzo (g,h,i) perylene		330	10	10.0	333.3	38204	U	38

SURROGATES	CAS Number	% REC	X DF	Soil
2-Fluorophenol		0.14	14	25-121 *
Phenol-d6		0.32	32	24-113
Nitrobenzene-d5		0.44	44	23-120
2-Fluorobiphenyl		0.41	41	30-115
2,4,6-Tribromophenol		0.32	32	19-122
Terphenyl-d14		0.47	47	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Hydrocarbon "hump" is substituted benzene compounds

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date	11/06/01
Lab Sample ID:	URS1106-06DL	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-8	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	86
Data File Name:	SA04227	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	3879	U	3.88
Phenol		550	10	10.0	333.3	3879	U	3.88
2-Chlorophenol		550	10	10.0	333.3	3879	U	3.88
1,3-Dichlorobenzene		330	10	10.0	333.3	3879	U	3.88
1,4-Dichlorobenzene		330	30	29.6	986.7	11481		11.48
1,2-Dichlorobenzene		330	9	9.0	298.3	3471		3.47
Benzyl Alcohol		330	10	10.0	333.3	3879	U	3.88
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	3879	U	3.88
2-Methylphenol		550	10	10.0	333.3	3879	U	3.88
Hexachloroethane		330	10	10.0	333.3	3879	U	3.88
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	3879	U	3.88
4-Methylphenol		550	10	10.0	333.3	3879	U	3.88
Nitrobenzene		330	10	10.0	333.3	3879	U	3.88
Isophorone		330	10	10.0	333.3	3879	J	3.88
2-Nitrophenol		550	10	10.0	333.3	3879	U	3.88
2,4-Dimethylphenol		550	10	10.0	333.3	3879	U	3.88
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	3879	U	3.88
2,4-Dichlorophenol		550	15	15.5	515.0	5993		5.99
Benzoic Acid		330	10	10.0	333.3	3879	U	3.88
1,2,4-Trichlorobenzene		330	9	9.2	306.3	3565	J	3.56
Naphthalene		330	10	10.4	345.0	4014		4.01
4-Chloroaniline		330	10	10.0	333.3	3879	U	3.88
Hexachlorobutadiene		330	10	10.0	333.3	3879	U	3.88
4-Chloro-3-methylphenol		330	10	10.0	333.3	3879	U	3.88
2-Methylnaphthalene		330	10	10.0	333.3	3879	U	3.88
Hexachlorocyclopentadiene		330	10	10.0	333.3	3879	U	3.88
2,4,6-Trichlorophenol		550	10	10.0	333.3	3879	U	3.88
2,4,5-Trichlorophenol		550	10	10.0	333.3	3879	U	3.88
2-Chloronaphthalene		330	10	10.0	333.3	3879	U	3.88
2-Nitroaniline		330	10	10.0	333.3	3879	U	3.88
Acenaphthalene		330	10	10.0	333.3	3879	U	3.88
Dimethylphthalate		1500	10	10.0	333.3	3879	U	3.88
2,6-Dinitrotoluene		330	10	10.0	333.3	3879	U	3.88
3-Nitroaniline		330	10	10.0	333.3	3879	U	3.88
Acenaphthene		330	10	10.0	333.3	3879	U	3.88
2,4-Dinitrophenol		550	10	10.0	333.3	3879	U	3.88
Dibenzofuran		330	10	10.0	333.3	3879	U	3.88
2,4-Dinitrotoluene		330	10	10.0	333.3	3879	U	3.88
4-Nitrophenol		550	10	10.0	333.3	3879	U	3.88
Fluorene		550	10	10.0	333.3	3879	U	3.88
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	3879	U	3.88
Diethylphthalate		1500	10	10.0	333.3	3879	U	3.88
4-Nitroaniline		330	10	10.0	333.3	3879	U	3.88
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	3879	U	3.88
N-Nitrosodiphenylamine		330	10	10.0	333.3	3879	U	3.88
4-Bromophenyl-phenylether		330	10	10.0	333.3	3879	U	3.88
Hexachlorobenzene		330	10	10.0	333.3	3879	U	3.88
Pentachlorophenol		550	10	10.0	333.3	3879	U	3.88
Phenanthrene		330	10	10.0	333.3	3879	U	3.88
Anthracene		330	10	10.0	333.3	3879	U	3.88
Di-n-butylphthalate		1500	9	9.4	312.7	3638		3.64
Fluoranthene		330	10	10.0	333.3	3879	U	3.88
Pyrene		330	10	10.0	333.3	3879	U	3.88
Butylbenzylphthalate		1500	11	10.7	356.3	4146		4.15
3,3-Dichlorobenzidine		330	10	10.0	333.3	3879	U	3.88
Benzo (a) anthracene		330	10	10.0	333.3	3879	U	3.88
Chrysene		330	10	10.0	333.3	3879	U	3.88
bis (2-Ethylhexyl) phthalate		1500	26	25.9	864.7	10061		10.06
Di-n-octylphthalate		1500	10	10.0	333.3	3879	U	3.88
Benzo (b) fluoranthene		330	10	10.0	333.3	3879	U	3.88
Benzo (k) fluoranthene		330	10	10.0	333.3	3879	U	3.88
Benzo (a) pyrene		330	10	10.0	333.3	3879	U	3.88
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	3879	U	3.88
Dibenzo (a,h) anthracene		330	10	10.0	333.3	3879	U	3.88
Benzo (g,h,I) perylene		330	10	10.0	333.3	3879	U	3.88

SURROGATES	CAS Number	% REC	X DF	Soil	
2-Fluorophenol		0.90	9	25-121	*
Phenol-d6		2.12	21	24-113	*
Nitrobenzene-d5		3.12	31	23-120	
2-Fluorobiphenyl		35.16	352	30-115	*
2,4,6-Tribromophenol		2.88	29	19-122	
Terphenyl-d14		9.38	94	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount REANALYZE AT DL X 100

Final soil or sediment results reported on a dry weight basis Comment: Hydrocarbon "hump" is substituted benzene compounds

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-08DL	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-8	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	*Dilution Factor:*	*100*
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	86
Data File Name:	SA04237	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result)ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	38787	U	39
Phenol		550	10	10.0	333.3	38787	U	39
2-Chlorophenol		550	10	10.0	333.3	38787	U	39
1,3-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
1,4-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
1,2-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
Benzyl Alcohol		330	10	10.0	333.3	38787	U	39
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	38787	U	39
2-Methylphenol		550	10	10.0	333.3	38787	U	39
Hexachloroethane		330	10	10.0	333.3	38787	U	39
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	38787	U	39
4-Methylphenol		550	10	10.0	333.3	38787	U	39
Nitrobenzene		330	10	10.0	333.3	38787	U	39
Isophorone		330	10	10.0	333.3	38787	J	39
2-Nitrophenol		550	10	10.0	333.3	38787	U	39
2,4-Dimethylphenol		550	10	10.0	333.3	38787	U	39
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	38787	U	39
2,4-Dichlorophenol		550	10	10.0	333.3	38787	U	39
Benzoic Acid		330	10	10.0	333.3	38787	U	39
1,2,4-Trichlorobenzene		330	10	10.0	333.3	38787	U	39
Naphthalene		330	10	10.0	333.3	38787	U	39
4-Chloroaniline		330	10	10.0	333.3	38787	U	39
Hexachlorobutadiene		330	10	10.0	333.3	38787	U	39
4-Chloro-3-methylphenol		330	10	10.0	333.3	38787	U	39
2-Methylnaphthalene		330	10	10.0	333.3	38787	U	39
Hexachlorocyclopentadiene		330	10	10.0	333.3	38787	U	39
2,4,6-Trichlorophenol		550	10	10.0	333.3	38787	U	39
2,4,5-Trichlorophenol		550	10	10.0	333.3	38787	U	39
2-Chloronaphthalene		330	10	10.0	333.3	38787	U	39
2-Nitroaniline		330	10	10.0	333.3	38787	U	39
Acenaphthalene		330	10	10.0	333.3	38787	U	39
Dimethylphthalate		1500	10	10.0	333.3	38787	U	39
2,6-Dinitrotoluene		330	10	10.0	333.3	38787	U	39
3-Nitroaniline		330	10	10.0	333.3	38787	U	39
Acenaphthene		330	10	10.0	333.3	38787	U	39
2,4-Dinitrophenol		550	10	10.0	333.3	38787	U	39
Dibenzofuran		330	10	10.0	333.3	38787	U	39
2,4-Dinitrotoluene		330	10	10.0	333.3	38787	U	39
4-Nitrophenol		550	10	10.0	333.3	38787	U	39
Fluorene		550	10	10.0	333.3	38787	U	39
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	38787	U	39
Diethylphthalate		1500	10	10.0	333.3	38787	U	39
4-Nitroaniline		330	10	10.0	333.3	38787	U	39
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	38787	U	39
N-Nitrosodiphenylamine		330	10	10.0	333.3	38787	U	39
4-Bromophenyl-phenylether		330	10	10.0	333.3	38787	U	39
Hexachlorobenzene		330	10	10.0	333.3	38787	U	39
Pentachlorophenol		550	10	10.0	333.3	38787	U	39
Phenanthrene		330	10	10.0	333.3	38787	U	39
Anthracene		330	10	10.0	333.3	38787	U	39
Di-n-butylphthalate		1500	10	10.0	333.3	38787	U	39
Fluoranthene		330	10	10.0	333.3	38787	U	39
Pyrene		330	10	10.0	333.3	38787	U	39
Butylbenzylphthalate		1500	10	10.0	333.3	38787	U	39
3,3-Dichlorobenzidine		330	10	10.0	333.3	38787	U	39
Benzo (a) anthracene		330	10	10.0	333.3	38787	U	39
Chrysene		330	10	10.0	333.3	38787	U	39
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	38787	J	39
Di-n-octylphthalate		1500	10	10.0	333.3	38787	U	39
Benzo (b) fluoranthene		330	10	10.0	333.3	38787	U	39
Benzo (k) fluoranthene		330	10	10.0	333.3	38787	U	39
Benzo (a) pyrene		330	10	10.0	333.3	38787	U	39
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	38787	U	39
Dibenzo (a,h) anthracene		330	10	10.0	333.3	38787	U	39
Benzo (g,h,i) perylene		330	10	10.0	333.3	38787	U	39

SURROGATES	*CAS Number*	*% REC*	*X DF*	*Soil*	
2-Fluorophenol		0.02	2	25-121	*
Phenol-d6		0.16	16	24-113	*
Nitrobenzene-d5		0.32	32	23-120	
2-Fluorobiphenyl		0.54	54	30-115	
2,4,6-Tribromophenol		0.34	34	19-122	
Terphenyl-d14		1.38	138	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Hydrocarbon "hump" is substituted benzene compounds

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date	11/06/01
Lab Sample ID:	URS1106-06DL	Prep Method 1	SW3550
Field Sample ID:	GCMS-Q-8	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	86
Data File Name:	SA04243	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	38787	U	39
Phenol		550	10	10.0	333.3	38787	U	39
2-Chlorophenol		550	10	10.0	333.3	38787	U	39
1,3-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
1,4-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
1,2-Dichlorobenzene		330	10	10.0	333.3	38787	U	39
Benzyl Alcohol		330	10	10.0	333.3	38787	U	39
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	38787	U	39
2-Methylphenol		550	10	10.0	333.3	38787	U	39
Hexachloroethane		330	10	10.0	333.3	38787	U	39
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	38787	U	39
4-Methylphenol		550	10	10.0	333.3	38787	U	39
Nitrobenzene		330	10	10.0	333.3	38787	U	39
Isophorone		330	10	10.0	333.3	38787	U	39
2-Nitrophenol		550	10	10.0	333.3	38787	U	39
2,4-Dimethylphenol		550	10	10.0	333.3	38787	U	39
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	38787	U	39
2,4-Dichlorophenol		550	10	10.0	333.3	38787	U	39
Benzoic Acid		330	10	10.0	333.3	38787	U	39
1,2,4-Trichlorobenzene		330	10	10.0	333.3	38787	U	39
Naphthalene		330	10	10.0	333.3	38787	U	39
4-Chloroaniline		330	10	10.0	333.3	38787	U	39
Hexachlorobutadiene		330	10	10.0	333.3	38787	U	39
4-Chloro-3-methylphenol		330	10	10.0	333.3	38787	U	39
2-Methylnaphthalene		330	10	10.0	333.3	38787	U	39
Hexachlorocyclopentadiene		330	10	10.0	333.3	38787	U	39
2,4,6-Trichlorophenol		550	10	10.0	333.3	38787	U	39
2,4,5-Trichlorophenol		550	10	10.0	333.3	38787	U	39
2-Chloronaphthalene		330	10	10.0	333.3	38787	U	39
2-Nitroaniline		330	10	10.0	333.3	38787	U	39
Acenaphthalene		330	10	10.0	333.3	38787	U	39
Dimethylphthalate		1500	10	10.0	333.3	38787	U	39
2,6-Dinitrotoluene		330	10	10.0	333.3	38787	U	39
3-Nitroaniline		330	10	10.0	333.3	38787	U	39
Acenaphthene		330	10	10.0	333.3	38787	U	39
2,4-Dinitrophenol		550	10	10.0	333.3	38787	U	39
Dibenzofuran		330	10	10.0	333.3	38787	U	39
2,4-Dinitrotoluene		330	10	10.0	333.3	38787	U	39
4-Nitrophenol		550	10	10.0	333.3	38787	U	39
Fluorene		550	10	10.0	333.3	38787	U	39
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	38787	U	39
Diethylphthalate		1500	10	10.0	333.3	38787	U	39
4-Nitroaniline		330	10	10.0	333.3	38787	U	39
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	38787	U	39
N-Nitrosodiphenylamine		330	10	10.0	333.3	38787	U	39
4-Bromophenyl-phenylether		330	10	10.0	333.3	38787	U	39
Hexachlorobenzene		330	10	10.0	333.3	38787	U	39
Pentachlorophenol		550	10	10.0	333.3	38787	U	39
Phenanthrene		330	10	10.0	333.3	38787	U	39
Anthracene		330	10	10.0	333.3	38787	U	39
Di-n-butylphthalate		1500	10	10.0	333.3	38787	U	39
Fluoranthene		330	10	10.0	333.3	38787	U	39
Pyrene		330	10	10.0	333.3	38787	U	39
Butylbenzylphthalate		1500	10	10.0	333.3	38787	U	39
3,3-Dichlorobenzidine		330	10	10.0	333.3	38787	U	39
Benzo (a) anthracene		330	10	10.0	333.3	38787	U	39
Chrysene		330	10	10.0	333.3	38787	U	39
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	38787	U	39
Di-n-octylphthalate		1500	10	10.0	333.3	38787	U	39
Benzo (b) fluoranthene		330	10	10.0	333.3	38787	U	39
Benzo (k) fluoranthene		330	10	10.0	333.3	38787	U	39
Benzo (a) pyrene		330	10	10.0	333.3	38787	U	39
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	38787	U	39
Dibenzo (a,h) anthracene		330	10	10.0	333.3	38787	U	39
Benzo (g,h,i) perylene		330	10	10.0	333.3	38787	U	39

SURROGATES	CAS Number	% REC	X DF	Soil	
2-Fluorophenol		0.02	2	25-121	*
Phenol-d6		0.20	20	24-113	*
Nitrobenzene-d5		0.38	38	23-120	
2-Fluorobiphenyl		0.76	76	30-115	
2,4,6-Tribromophenol		0.70	70	19-122	
Terphenyl-d14		0.78	78	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Hydrocarbon "hump" is substituted benzene compounds

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-07	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-7	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	90
Data File Name:	SA04228	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	371	U	0.371
Phenol		550	10	10.0	333.3	371	U	0.371
2-Chlorophenol		550	10	10.0	333.3	371	U	0.371
1,3-Dichlorobenzene		330	10	10.0	333.3	371	U	0.371
1,4-Dichlorobenzene		330	31	31.2	1039.7	1158		1.158
1,2-Dichlorobenzene		330	152	152.2	5074.3	5653		5.653
Benzyl Alcohol		330	10	10.0	333.3	371	U	0.371
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	371	U	0.371
2-Methylphenol		550	10	10.0	333.3	371	U	0.371
Hexachloroethane		330	10	10.0	333.3	371	U	0.371
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	371	U	0.371
4-Methylphenol		550	10	10.0	333.3	371	U	0.371
Nitrobenzene		330	10	10.0	333.3	371	U	0.371
Isophorone		330	10	10.0	333.3	371	U	0.371
2-Nitrophenol		550	10	10.0	333.3	371	U	0.371
2,4-Dimethylphenol		550	10	10.0	333.3	371	U	0.371
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	371	U	0.371
2,4-Dichlorophenol		550	10	10.0	333.3	371		0.371
Benzoic Acid		330	10	10.0	333.3	371	U	0.371
1,2,4-Trichlorobenzene		330	36	36.4	1212.7	1351		1.351
Naphthalene		330	10	10.0	333.3	371	U	0.371
4-Chloroaniline		330	10	10.0	333.3	371	U	0.371
Hexachlorobutadiene		330	10	10.0	333.3	371	U	0.371
4-Chloro-3-methylphenol		330	10	10.0	333.3	371	U	0.371
2-Methylnaphthalene		330	10	10.0	333.3	371	U	0.371
Hexachlorocyclopentadiene		330	10	10.0	333.3	371	U	0.371
2,4,6-Trichlorophenol		550	10	10.0	333.3	371	U	0.371
2,4,5-Trichlorophenol		550	10	10.0	333.3	371	U	0.371
2-Chloronaphthalene		330	10	10.0	333.3	371	U	0.371
2-Nitroaniline		330	10	10.0	333.3	371	U	0.371
Acenaphthalene		330	10	10.0	333.3	371	U	0.371
Dimethylphthalate		1500	10	10.0	333.3	371	U	0.371
2,6-Dinitrotoluene		330	10	10.0	333.3	371	U	0.371
3-Nitroaniline		330	10	10.0	333.3	371	U	0.371
Acenaphthene		330	10	10.0	333.3	371	U	0.371
2,4-Dinitrophenol		550	10	10.0	333.3	371	U	0.371
Dibenzofuran		330	10	10.0	333.3	371	U	0.371
2,4-Dinitrotoluene		330	10	10.0	333.3	371	U	0.371
4-Nitrophenol		550	10	10.0	333.3	371	U	0.371
Fluorene		550	10	10.0	333.3	371	U	0.371
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	371	U	0.371
Diethylphthalate		1500	15	15.2	508.0	566		0.566
4-Nitroaniline		330	10	10.0	333.3	371	U	0.371
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	371	U	0.371
N-Nitrosodiphenylamine		330	10	10.0	333.3	371	U	0.371
4-Bromophenyl-phenylether		330	10	10.0	333.3	371	U	0.371
Hexachlorobenzene		330	10	10.0	333.3	371	U	0.371
Pentachlorophenol		550	43	42.7	1422.7	1585		1.585
Phenanthrene		330	10	10.0	333.3	371	U	0.371
Anthracene		330	10	10.0	333.3	371	U	0.371
Di-n-butylphthalate		1500	10	10.0	333.3	371	U	0.371
Fluoranthene		330	10	10.0	333.3	371	U	0.371
Pyrene		330	10	10.0	333.3	371	U	0.371
Butylbenzylphthalate		1500	10	10.0	333.3	371	U	0.371
3,3-Dichlorobenzidine		330	10	10.0	333.3	371	U	0.371
Benzo (a) anthracene		330	10	10.0	333.3	371	U	0.371
Chrysene		330	10	10.0	333.3	371	U	0.371
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	371	U	0.371
Di-n-octylphthalate		1500	10	10.0	333.3	371	U	0.371
Benzo (b) fluoranthene		330	10	10.0	333.3	371	U	0.371
Benzo (k) fluoranthene		330	10	10.0	333.3	371	U	0.371
Benzo (a) pyrene		330	10	10.0	333.3	371	U	0.371
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	371	U	0.371
Dibenzo (a,h) anthracene		330	10	10.0	333.3	371	U	0.371
Benzo (g,h,i) perylene		330	10	10.0	333.3	371	U	0.371

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		36	25-121
Phenol-d6		49	24-113
Nitrobenzene-d5		50	23-120
2-Fluorobiphenyl		63	30-115
2,4,6-Tribromophenol		76	19-122
Terphenyl-d14		78	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-08	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-7A	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	93
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	359	U	0.359
Phenol		550	10	10.0	333.3	359	U	0.359
2-Chlorophenol		550	10	10.0	333.3	359	U	0.359
1,3-Dichlorobenzene		330	10	10.0	333.3	359	U	0.359
1,4-Dichlorobenzene		330	10	10.0	333.3	359	U	0.359
1,2-Dichlorobenzene		330	10	10.0	333.3	359	U	0.359
Benzyl Alcohol		330	10	10.0	333.3	359	U	0.359
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	359	U	0.359
2-Methylphenol		550	10	10.0	333.3	359	U	0.359
Hexachloroethane		330	10	10.0	333.3	359	U	0.359
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	359	U	0.359
4-Methylphenol		550	10	10.0	333.3	359	U	0.359
Nitrobenzene		330	10	10.0	333.3	359	U	0.359
Isophorone		330	10	10.0	333.3	359	U	0.359
2-Nitrophenol		550	10	10.0	333.3	359	U	0.359
2,4-Dimethylphenol		550	10	10.0	333.3	359	U	0.359
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	359	U	0.359
2,4-Dichlorophenol		550	10	10.0	333.3	359	U	0.359
Benzoic Acid		330	10	10.0	333.3	359	U	0.359
1,2,4-Trichlorobenzene		330	5	5.0	167.7	180	J	0.180
Naphthalene		330	10	10.0	333.3	359	U	0.359
4-Chloroaniline		330	10	10.0	333.3	359	U	0.359
Hexachlorobutadiene		330	10	10.0	333.3	359	U	0.359
4-Chloro-3-methylphenol		330	10	10.0	333.3	359	U	0.359
2-Methylnaphthalene		330	10	10.0	333.3	359	U	0.359
Hexachlorocyclopentadiene		330	10	10.0	333.3	359	U	0.359
2,4,6-Trichlorophenol		550	10	10.0	333.3	359	U	0.359
2,4,5-Trichlorophenol		550	10	10.0	333.3	359	U	0.359
2-Chloronaphthalene		330	10	10.0	333.3	359	U	0.359
2-Nitroaniline		330	10	10.0	333.3	359	U	0.359
Acenaphthalene		330	10	10.0	333.3	359	U	0.359
Dimethylphthalate		1500	10	10.0	333.3	359	U	0.359
2,6-Dinitrotoluene		330	10	10.0	333.3	359	U	0.359
3-Nitroaniline		330	10	10.0	333.3	359	U	0.359
Acenaphthene		330	10	10.0	333.3	359	U	0.359
2,4-Dinitrophenol		550	10	10.0	333.3	359	U	0.359
Dibenzofuran		330	10	10.0	333.3	359	U	0.359
2,4-Dinitrotoluene		330	10	10.0	333.3	359	U	0.359
4-Nitrophenol		550	10	10.0	333.3	359	U	0.359
Fluorene		550	10	10.0	333.3	359	U	0.359
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	359	U	0.359
Diethylphthalate		1500	10	10.0	333.3	359	U	0.359
4-Nitroaniline		330	10	10.0	333.3	359	U	0.359
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	359	U	0.359
N-Nitrosodiphenylamine		330	10	10.0	333.3	359	U	0.359
4-Bromophenyl-phenylether		330	10	10.0	333.3	359	U	0.359
Hexachlorobenzene		330	10	10.0	333.3	359	U	0.359
Pentachlorophenol		550	10	10.0	333.3	359	U	0.359
Phenanthrene		330	54	53.8	1792.7	1929		1.929
Anthracene		330	53	52.9	1764.0	1899		1.899
Di-n-butylphthalate		1500	10	10.0	333.3	359	U	0.359
Fluoranthene		330	67	66.6	2218.3	2388		2.388
Pyrene		330	98	98.1	3271.3	3521		3.521
Butylbenzylphthalate		1500	10	10.0	333.3	359	U	0.359
3,3-Dichlorobenzidine		330	10	10.0	333.3	359	U	0.359
Benzo (a) anthracene		330	65	65.0	2165.3	2331		2.331
Chrysene		330	65	64.7	2155.3	2320		2.320
bis (2-Ethylhexyl) phthalate		1500	7	7.3	243.0	262	J	0.262
Di-n-octylphthalate		1500	10	10.0	333.3	359	U	0.359
Benzo (b) fluoranthene		330	23	23.4	779.0	838		0.838
Benzo (k) fluoranthene		330	24	23.8	793.0	854		0.854
Benzo (a) pyrene		330	21	20.6	687.7	740		0.740
Indeno (1,2,3-cd) pyrene		330	9	9.2	306.3	330	J	0.330
Dibenzo (a,h) anthracene		330	10	10.0	333.3	359	U	0.359
Benzo (g,h,i) perylene		330	12	12.2	406.0	437		0.437

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: **Sample has hydrocarbon pattern like diesel fuel**

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-09DL	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-4	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	73
Data File Name:	SA04230	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	4589	U	4.6
Phenol		550	10	10.0	333	4589	U	4.6
2-Chlorophenol		550	10	10.0	333	4589	U	4.6
1,3-Dichlorobenzene		330	10	10.0	333	4589	U	4.6
1,4-Dichlorobenzene		330	123	122.8	4092	56336		56
1,2-Dichlorobenzene		330	18	17.6	588	8096		8.1
Benzyl Alcohol		330	10	10.0	333	4589	U	4.6
bis (2-Chloroisopropyl) ether		330	10	10.0	333	4589	U	4.6
2-Methylphenol		550	10	10.0	333	4589	U	4.6
Hexachloroethane		330	10	10.0	333	4589	U	4.6
N-Nitroso-di-n-propylamine		330	10	10.0	333	4589	U	4.6
4-Methylphenol		550	10	10.0	333	4589	U	4.6
Nitrobenzene		330	10	10.0	333	4589	U	4.6
Isophorone		330	10	10.0	333	4589	U	4.6
2-Nitrophenol		550	10	10.0	333	4589	U	4.6
2,4-Dimethylphenol		550	10	10.0	333	4589	U	4.6
bis (2-Chloroethoxy) methane		330	10	10.0	333	4589	U	4.6
2,4-Dichlorophenol		550	10	10.0	333	4589	U	4.6
Benzoic Acid		330	10	10.0	333	4589	U	4.6
1,2,4-Trichlorobenzene		330	10	10.0	333	4589	U	4.6
Naphthalene		330	65	64.9	2162	29763		30
4-Chloroaniline		330	10	10.0	333	4589	U	4.6
Hexachlorobutadiene		330	10	10.0	333	4589	U	4.6
4-Chloro-3-methylphenol		330	10	10.0	333	4589	U	4.6
2-Methylnaphthalene		330	19	18.8	627	8633		8.6
Hexachlorocyclopentadiene		330	10	10.0	333	4589	U	4.6
2,4,6-Trichlorophenol		550	10	10.0	333	4589	U	4.6
2,4,5-Trichlorophenol		550	10	10.0	333	4589	U	4.6
2-Chloronaphthalene		330	10	10.0	333	4589	U	4.6
2-Nitroaniline		330	10	10.0	333	4589	U	4.6
Acenaphthalene		330	10	10.0	333	4589	U	4.6
Dimethylphthalate		1500	10	10.0	333	4589	U	4.6
2,6-Dinitrotoluene		330	10	10.0	333	4589	U	4.6
3-Nitroaniline		330	10	10.0	333	4589	U	4.6
Acenaphthene		330	46	45.5	1517	20887		21
2,4-Dinitrophenol		550	10	10.0	333	4589	U	4.6
Dibenzofuran		330	10	10.0	333	4589	U	4.6
2,4-Dinitrotoluene		330	10	10.0	333	4589	U	4.6
4-Nitrophenol		550	10	10.0	333	4589	U	4.6
Fluorene		550	10	10.0	333	4589	U	4.6
4-Chlorophenyl-phenyl ether		330	10	10.0	333	4589	U	4.6
Diethylphthalate		1500	10	10.0	333	4589	U	4.6
4-Nitroaniline		330	10	10.0	333	4589	U	4.6
4,6-Dinitro-2-methylphenol		550	10	10.0	333	4589	U	4.6
N-Nitrosodiphenylamine		330	10	10.0	333	4589	U	4.6
4-Bromophenyl-phenylether		330	10	10.0	333	4589	U	4.6
Hexachlorobenzene		330	10	10.0	333	4589	U	4.6
Pentachlorophenol		550	10	10.0	333	4589	U	4.6
Phenanthrene		330	10	10.0	333	4589	U	4.6
Anthracene		330	10	10.0	333	4589	U	4.6
Di-n-butylphthalate		1500	10	10.0	333	4589	U	4.6
Fluoranthene		330	10	10.0	333	4589	U	4.6
Pyrene		330	10	10.0	333	4589	U	4.6
Butylbenzylphthalate		1500	10	10.0	333	4589	U	4.6
3,3-Dichlorobenzidine		330	10	10.0	333	4589	U	4.6
Benzo (a) anthracene		330	10	10.0	333	4589	U	4.6
Chrysene		330	10	10.0	333	4589	U	4.6
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	4589	U	4.6
Di-n-octylphthalate		1500	10	10.0	333	4589	U	4.6
Benzo (b) fluoranthene		330	10	10.0	333	4589	U	4.6
Benzo (k) fluoranthene		330	10	10.0	333	4589	U	4.6
Benzo (a) pyrene		330	10	10.0	333	4589	U	4.6
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	4589	U	4.6
Dibenzo (a,h) anthracene		330	10	10.0	333	4589	U	4.6
Benzo (g,h,i) perylene		330	10	10.0	333	4589	U	4.6

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		4	38	25-121	
Phenol-d6		5	55	24-113	
Nitrobenzene-d5		4	40	23-120	
2-Fluorobiphenyl		6	57	30-115	
2,4,6-Tribromophenol		0	0	19-122	*
Terphenyl-d14		15	152	18-137	*

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS sample reanalyzed; large hydrocarbon "hump"

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110601	Lab Prep Date:	11/06/01
Lab Sample ID:	URS1106-09DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-4	Prep Method 2:	
Date Sample Collected:	11/06/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/06/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	73
Data File Name:	SA04244	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	45895	U	46
Phenol		550	10	10.0	333	45895	U	46
2-Chlorophenol		550	10	10.0	333	45895	U	46
1,3-Dichlorobenzene		330	11	11.5	382	52585		53
1,4-Dichlorobenzene		330	10	10.0	333	45895	U	46
1,2-Dichlorobenzene		330	10	10.0	333	45895	U	46
Benzyl Alcohol		330	10	10.0	333	45895	U	46
bis (2-Chloroisopropyl) ether		330	10	10.0	333	45895	U	46
2-Methylphenol		550	10	10.0	333	45895	U	46
Hexachloroethane		330	10	10.0	333	45895	U	46
N-Nitroso-di-n-propylamine		330	10	10.0	333	45895	U	46
4-Methylphenol		550	10	10.0	333	45895	U	46
Nitrobenzene		330	10	10.0	333	45895	U	46
Isophorone		330	10	10.0	333	45895	U	46
2-Nitrophenol		550	10	10.0	333	45895	U	46
2,4-Dimethylphenol		550	10	10.0	333	45895	U	46
bis (2-Chloroethoxy) methane		330	10	10.0	333	45895	U	46
2,4-Dichlorophenol		550	10	10.0	333	45895	U	46
Benzoic Acid		330	10	10.0	333	45895	U	46
1,2,4-Trichlorobenzene		330	10	10.0	333	45895	U	46
Naphthalene		330	7	7.4	248	34146		34
4-Chloroaniline		330	10	10.0	333	45895	U	46
Hexachlorobutadiene		330	10	10.0	333	45895	U	46
4-Chloro-3-methylphenol		330	10	10.0	333	45895	U	46
2-Methylnaphthalene		330	10	10.0	333	45895	U	46
Hexachlorocyclopentadiene		330	10	10.0	333	45895	U	46
2,4,6-Trichlorophenol		550	10	10.0	333	45895	U	46
2,4,5-Trichlorophenol		550	10	10.0	333	45895	U	46
2-Chloronaphthalene		330	10	10.0	333	45895	U	46
2-Nitroaniline		330	10	10.0	333	45895	U	46
Acenaphthalene		330	5	5.2	172	23638		24
Dimethylphthalate		1500	10	10.0	333	45895	U	46
2,6-Dinitrotoluene		330	10	10.0	333	45895	U	46
3-Nitroaniline		330	10	10.0	333	45895	U	46
Acenaphthene		330	10	10.0	333	45895	U	46
2,4-Dinitrophenol		550	10	10.0	333	45895	U	46
Dibenzofuran		330	10	10.0	333	45895	U	46
2,4-Dinitrotoluene		330	10	10.0	333	45895	U	46
4-Nitrophenol		550	10	10.0	333	45895	U	46
Fluorene		550	10	10.0	333	45895	U	46
4-Chlorophenyl-phenyl ether		330	10	10.0	333	45895	U	46
Diethylphthalate		1500	10	10.0	333	45895	U	46
4-Nitroaniline		330	10	10.0	333	45895	U	46
4,6-Dinitro-2-methylphenol		550	10	10.0	333	45895	U	46
N-Nitrosodiphenylamine		330	10	10.0	333	45895	U	46
4-Bromophenyl-phenylether		330	10	10.0	333	45895	U	46
Hexachlorobenzene		330	10	10.0	333	45895	U	46
Pentachlorophenol		550	5	5.3	177	24324		24
Phenanthrene		330	10	10.0	333	45895	U	46
Anthracene		330	10	10.0	333	45895	U	46
Di-n-butylphthalate		1500	10	10.0	333	45895	U	46
Fluoranthene		330	10	10.0	333	45895	U	46
Pyrene		330	10	10.0	333	45895	U	46
Butylbenzylphthalate		1500	10	10.0	333	45895	U	46
3,3-Dichlorobenzidine		330	10	10.0	333	45895	U	46
Benzo (a) anthracene		330	10	10.0	333	45895	U	46
Chrysene		330	10	10.0	333	45895	U	46
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	45895	U	46
Di-n-octylphthalate		1500	10	10.0	333	45895	U	46
Benzo (b) fluoranthene		330	10	10.0	333	45895	U	46
Benzo (k) fluoranthene		330	10	10.0	333	45895	U	46
Benzo (a) pyrene		330	10	10.0	333	45895	U	46
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	45895	U	46
Dibenzo (a,h) anthracene		330	10	10.0	333	45895	U	46
Benzo (g,h,i) perylene		330	10	10.0	333	45895	U	46

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		0.1	12	25-121	*
Phenol-d6		0.3	34	24-113	
Nitrobenzene-d5		0.5	50	23-120	
2-Fluorobiphenyl		0.7	70	30-115	
2,4,6-Tribromophenol		0.2	20	19-122	*
Terphenyl-d14		1.0	98	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : large hydrocarbon "hump" is substituted benzenes

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group	URS110701	Lab Prep Date	11/07/01
Lab Sample ID:	URS1107-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-9	Prep Method 2	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	89
Data File Name.	SA04231	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3728	U	3.73
Phenol		550	10	10.0	333	3728	U	3.73
2-Chlorophenol		550	10	10.0	333	3728	U	3.73
1,3-Dichlorobenzene		330	10	10.0	333	3728	U	3.73
1,4-Dichlorobenzene		330	10	10.0	333	3728	U	3.73
1,2-Dichlorobenzene		330	10	10.0	333	3728	U	3.73
Benzyl Alcohol		330	10	10.0	333	3728	U	3.73
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3728	U	3.73
2-Methylphenol		550	10	10.0	333	3728	U	3.73
Hexachloroethane		330	10	10.0	333	3728	U	3.73
N-Nitroso-di-n-propylamine		330	10	10.0	333	3728	U	3.73
4-Methylphenol		550	10	10.0	333	3728	U	3.73
Nitrobenzene		330	10	10.0	333	3728	U	3.73
Isophorone		330	10	10.0	333	3728	U	3.73
2-Nitrophenol		550	10	10.0	333	3728	U	3.73
2,4-Dimethylphenol		550	10	10.0	333	3728	U	3.73
bis (2-Chloroethoxy) methane		330	10	10.0	333	3728	U	3.73
2,4-Dichlorophenol		550	10	10.0	333	3728	U	3.73
Benzoic Acid		330	10	10.0	333	3728	U	3.73
1,2,4-Trichlorobenzene		330	**6**	6.4	213	**2386**	J	**2.39**
Naphthalene		330	10	10.0	333	3728	U	3.73
4-Chloroaniline		330	**11**	11.4	380	**4248**		**4.25**
Hexachlorobutadiene		330	10	10.0	333	3728	U	3.73
4-Chloro-3-methylphenol		330	10	10.0	333	3728	U	3.73
2-Methylnaphthalene		330	10	10.0	333	3728	U	3.73
Hexachlorocyclopentadiene		330	10	10.0	333	3728	U	3.73
2,4,6-Trichlorophenol		550	10	10.0	333	3728	U	3.73
2,4,5-Trichlorophenol		550	10	10.0	333	3728	U	3.73
2-Chloronaphthalene		330	10	10.0	333	3728	U	3.73
2-Nitroaniline		330	10	10.0	333	3728	U	3.73
Acenaphthalene		330	10	10.0	333	3728	U	3.73
Dimethylphthalate		1500	10	10.0	333	3728	U	3.73
2,6-Dinitrotoluene		330	10	10.0	333	3728	U	3.73
3-Nitroaniline		330	10	10.0	333	3728	U	3.73
Acenaphthene		330	10	10.0	333	3728	U	3.73
2,4-Dinitrophenol		550	10	10.0	333	3728	U	3.73
Dibenzofuran		330	10	10.0	333	3728	U	3.73
2,4-Dinitrotoluene		330	10	10.0	333	3728	U	3.73
4-Nitrophenol		550	10	10.0	333	3728	U	3.73
Fluorene		550	10	10.0	333	3728	U	3.73
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3728	U	3.73
Diethylphthalate		1500	10	10.0	333	3728	U	3.73
4-Nitroaniline		330	10	10.0	333	3728	U	3.73
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3728	U	3.73
N-Nitrosodiphenylamine		330	10	10.0	333	3728	U	3.73
4-Bromophenyl-phenylether		330	10	10.0	333	3728	U	3.73
Hexachlorobenzene		330	10	10.0	333	3728	U	3.73
Pentachlorophenol		550	**432**	431.9	14397	**161001**	E	**161**
Phenanthrene		330	10	10.0	333	3728	U	3.73
Anthracene		330	10	10.0	333	3728	U	3.73
Di-n-butylphthalate		1500	10	10.0	333	3728	U	3.73
Fluoranthene		330	10	10.0	333	3728	U	3.73
Pyrene		330	10	10.0	333	3728	U	3.73
Butylbenzylphthalate		1500	10	10.0	333	3728	U	3.73
3,3-Dichlorobenzidine		330	10	10.0	333	3728	U	3.73
Benzo (a) anthracene		330	10	10.0	333	3728	U	3.73
Chrysene		330	10	10.0	333	3728	U	3.73
bis (2-Ethylhexyl) phthalate		1500	**10**	9.9	329	**3679**	J	**3.68**
Di-n-octylphthalate		1500	10	10.0	333	3728	U	3.73
Benzo (b) fluoranthene		330	10	10.0	333	3728	U	3.73
Benzo (k) fluoranthene		330	**5**	5.4	178	**1994**	J	**1.99**
Benzo (a) pyrene		330	10	10.0	333	3728	U	3.73
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3728	U	3.73
Dibenzo (a,h) anthracene		330	10	10.0	333	3728	U	3.73
Benzo (g,h,i) perylene		330	10	10.0	333	3728	U	3.73

SURROGATES	CAS Number	% REC	X DF	Soil
2-Fluorophenol		3	25	25-121
Phenol-d6		4	37	24-113
Nitrobenzene-d5		4	39	23-120
2-Fluorobiphenyl		6	59	30-115
2,4,6-Tribromophenol		5	53	19-122
Terphenyl-d14		11	113	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 100

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS1107-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-9	Prep Method 2.	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	89
Data File Name:	SA04245	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	37277	U	37
Phenol		550	10	10.0	333	37277	U	37
2-Chlorophenol		550	10	10.0	333	37277	U	37
1,3-Dichlorobenzene		330	10	10.0	333	37277	U	37
1,4-Dichlorobenzene		330	10	10.0	333	37277	U	37
1,2-Dichlorobenzene		330	10	10.0	333	37277	U	37
Benzyl Alcohol		330	10	10.0	333	37277	U	37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	37277	U	37
2-Methylphenol		550	10	10.0	333	37277	U	37
Hexachloroethane		330	10	10.0	333	37277	U	37
N-Nitroso-di-n-propylamine		330	10	10.0	333	37277	U	37
4-Methylphenol		550	10	10.0	333	37277	U	37
Nitrobenzene		330	10	10.0	333	37277	U	37
Isophorone		330	10	10.0	333	37277	U	37
2-Nitrophenol		550	10	10.0	333	37277	U	37
2,4-Dimethylphenol		550	10	10.0	333	37277	U	37
bis (2-Chloroethoxy) methane		330	10	10.0	333	37277	U	37
2,4-Dichlorophenol		550	10	10.0	333	37277	U	37
Benzoic Acid		330	10	10.0	333	37277	U	37
1,2,4-Trichlorobenzene		330	10	10.0	333	37277	U	37
Naphthalene		330	10	10.0	333	37277	U	37
4-Chloroaniline		330	10	10.0	333	37277	U	37
Hexachlorobutadiene		330	10	10.0	333	37277	U	37
4-Chloro-3-methylphenol		330	10	10.0	333	37277	U	37
2-Methylnaphthalene		330	10	10.0	333	37277	U	37
Hexachlorocyclopentadiene		330	10	10.0	333	37277	U	37
2,4,6-Trichlorophenol		550	10	10.0	333	37277	U	37
2,4,5-Trichlorophenol		550	10	10.0	333	37277	U	37
2-Chloronaphthalene		330	10	10.0	333	37277	U	37
2-Nitroaniline		330	10	10.0	333	37277	U	37
Acenaphthalene		330	10	10.0	333	37277	U	37
Dimethylphthalate		1500	10	10.0	333	37277	U	37
2,6-Dinitrotoluene		330	10	10.0	333	37277	U	37
3-Nitroaniline		330	10	10.0	333	37277	U	37
Acenaphthene		330	10	10.0	333	37277	U	37
2,4-Dinitrophenol		550	10	10.0	333	37277	U	37
Dibenzofuran		330	10	10.0	333	37277	U	37
2,4-Dinitrotoluene		330	10	10.0	333	37277	U	37
4-Nitrophenol		550	10	10.0	333	37277	U	37
Fluorene		550	10	10.0	333	37277	U	37
4-Chlorophenyl-phenyl ether		330	10	10.0	333	37277	U	37
Diethylphthalate		1500	10	10.0	333	37277	U	37
4-Nitroaniline		330	10	10.0	333	37277	U	37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	37277	U	37
N-Nitrosodiphenylamine		330	10	10.0	333	37277	U	37
4-Bromophenyl-phenylether		330	10	10.0	333	37277	U	37
Hexachlorobenzene		330	10	10.0	333	37277	U	37
Pentachlorophenol		550	66	66.0	2198	245844		246
Phenanthrene		330	10	10.0	333	37277	U	37
Anthracene		330	10	10.0	333	37277	U	37
Di-n-butylphthalate		1500	10	10.0	333	37277	U	37
Fluoranthene		330	10	10.0	333	37277	U	37
Pyrene		330	10	10.0	333	37277	U	37
Butylbenzylphthalate		1500	10	10.0	333	37277	U	37
3,3-Dichlorobenzidine		330	10	10.0	333	37277	U	37
Benzo (a) anthracene		330	10	10.0	333	37277	U	37
Chrysene		330	10	10.0	333	37277	U	37
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	37277	U	37
Di-n-octylphthalate		1500	10	10.0	333	37277	U	37
Benzo (b) fluoranthene		330	10	10.0	333	37277	U	37
Benzo (k) fluoranthene		330	10	10.0	333	37277	U	37
Benzo (a) pyrene		330	10	10.0	333	37277	U	37
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	37277	U	37
Dibenzo (a,h) anthracene		330	10	10.0	333	37277	U	37
Benzo (g,h,i) perylene		330	10	10.0	333	37277	U	37

SURROGATES	CAS Number	% REC	X DF	Soil
2-Fluorophenol		0.18	18	25-121 *
Phenol-d6		0.36	36	24-113
Nitrobenzene-d5		0.48	48	23-120
2-Fluorobiphenyl		0.62	62	30-115
2,4,6-Tribromophenol		0.46	46	19-122
Terphenyl-d14		0.70	70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: heavy hydrocarbon "hump" is substituted benzenes

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount.	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS1107-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-11	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date.	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor.	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name:	SA04232	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3846	U	3.85
Phenol		550	10	10.0	333	3846	U	3.85
2-Chlorophenol		550	10	10.0	333	3846	U	3.85
1,3-Dichlorobenzene		330	26	26.0	865	9983		10
1,4-Dichlorobenzene		330	10	10.0	333	3846	U	3.85
1,2-Dichlorobenzene		330	10	10.0	333	3846	U	3.85
Benzyl Alcohol		330	10	10.0	333	3846	U	3.85
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3846	U	3.85
2-Methylphenol		550	10	10.0	333	3846	U	3.85
Hexachloroethane		330	10	10.0	333	3846	U	3.85
N-Nitroso-di-n-propylamine		330	10	10.0	333	3846	U	3.85
4-Methylphenol		550	10	10.0	333	3846	U	3.85
Nitrobenzene		330	10	10.0	333	3846	U	3.85
Isophorone		330	10	10.0	333	3846	U	3.85
2-Nitrophenol		550	10	10.0	333	3846	U	3.85
2,4-Dimethylphenol		550	10	10.0	333	3846	U	3.85
bis (2-Chloroethoxy) methane		330	10	10.0	333	3846	U	3.85
2,4-Dichlorophenol		550	11	11.4	381	4399		4.40
Benzoic Acid		330	10	10.0	333	3846	U	3.85
1,2,4-Trichlorobenzene		330	10	10.0	333	3846	U	3.85
Naphthalene		330	10	10.0	333	3846	U	3.85
4-Chloroaniline		330	219	219.1	7303	84252	E	84
Hexachlorobutadiene		330	10	10.0	333	3846	U	3.85
4-Chloro-3-methylphenol		330	10	10.0	333	3846	U	3.85
2-Methylnaphthalene		330	10	10.0	333	3846	U	3.85
Hexachlorocyclopentadiene		330	10	10.0	333	3846	U	3.85
2,4,6-Trichlorophenol		550	10	10.0	333	3846	U	3.85
2,4,5-Trichlorophenol		550	10	10.0	333	3846	U	3.85
2-Chloronaphthalene		330	10	10.0	333	3846	U	3.85
2-Nitroaniline		330	165	165.2	5508	63540	E	64
Acenaphthalene		330	10	10.0	333	3846	U	3.85
Dimethylphthalate		1500	10	10.0	333	3846	U	3.85
2,6-Dinitrotoluene		330	10	10.0	333	3846	U	3.85
3-Nitroaniline		330	10	10.0	333	3846	U	3.85
Acenaphthene		330	10	10.0	333	3846	U	3.85
2,4-Dinitrophenol		550	10	10.0	333	3846	U	3.85
Dibenzofuran		330	10	10.0	333	3846	U	3.85
2,4-Dinitrotoluene		330	10	10.0	333	3846	U	3.85
4-Nitrophenol		550	10	10.0	333	3846	U	3.85
Fluorene		550	10	10.0	333	3846	U	3.85
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3846	U	3.85
Diethylphthalate		1500	10	10.0	333	3846	U	3.85
4-Nitroaniline		330	6	6.5	216	2488	J	2.49
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3846	U	3.85
N-Nitrosodiphenylamine		330	10	10.0	333	3846	U	3.85
4-Bromophenyl-phenylether		330	10	10.0	333	3846	U	3.85
Hexachlorobenzene		330	10	10.0	333	3846	U	3.85
Pentachlorophenol		550	80	80.1	2670	30799		31
Phenanthrene		330	10	10.0	333	3846	U	3.85
Anthracene		330	10	10.0	333	3846	U	3.85
Di-n-butylphthalate		1500	10	10.0	333	3846	U	3.85
Fluoranthene		330	10	10.0	333	3846	U	3.85
Pyrene		330	10	10.0	333	3846	U	3.85
Butylbenzylphthalate		1500	13	13.0	432	4988		4.99
3,3-Dichlorobenzidine		330	10	10.0	333	3846	U	3.85
Benzo (a) anthracene		330	10	10.0	333	3846	U	3.85
Chrysene		330	10	10.0	333	3846	U	3.85
bis (2-Ethylhexyl) phthalate		1500	69	69.2	2307	26611		27
Di-n-octylphthalate		1500	10	10.0	333	3846	U	3.85
Benzo (b) fluoranthene		330	10	10.0	333	3846	U	3.85
Benzo (k) fluoranthene		330	5	5.4	178	2057	J	2.06
Benzo (a) pyrene		330	10	10.0	333	3846	U	3.85
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3846	U	3.85
Dibenzo (a,h) anthracene		330	10	10.0	333	3846	U	3.85
Benzo (g,h,i) perylene		330	10	10.0	333	3846	U	3.85

SURROGATES	CAS Number	% REC	X DF	Soil
2-Fluorophenol		2	19	25-121 *
Phenol-d6		3	26	24-113
Nitrobenzene-d5		4	41	23-120
2-Fluorobiphenyl		6	60	30-115
2,4,6-Tribromophenol		3	28	19-122
Terphenyl-d14		12	123	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 100

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date.	11/07/01
Lab Sample ID.	URS1107-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-11	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	87
Data File Name:	SA04246	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	38456	U	38
Phenol		550	10	10.0	333	38456	U	38
2-Chlorophenol		550	10	10.0	333	38456	U	38
1,3-Dichlorobenzene		330	10	10.0	333	38456	U	38
1,4-Dichlorobenzene		330	10	10.0	333	38456	U	38
1,2-Dichlorobenzene		330	10	10.0	333	38456	U	38
Benzyl Alcohol		330	10	10.0	333	38456	U	38
bis (2-Chloroisopropyl) ether		330	10	10.0	333	38456	U	38
2-Methylphenol		550	10	10.0	333	38456	U	38
Hexachloroethane		330	10	10.0	333	38456	U	38
N-Nitroso-di-n-propylamine		330	10	10.0	333	38456	U	38
4-Methylphenol		550	10	10.0	333	38456	U	38
Nitrobenzene		330	10	10.0	333	38456	U	38
Isophorone		330	10	10.0	333	38456	U	38
2-Nitrophenol		550	10	10.0	333	38456	U	38
2,4-Dimethylphenol		550	10	10.0	333	38456	U	38
bis (2-Chloroethoxy) methane		330	10	10.0	333	38456	U	38
2,4-Dichlorophenol		550	10	10.0	333	38456	U	38
Benzoic Acid		330	10	10.0	333	38456	U	38
1,2,4-Trichlorobenzene		330	10	10.0	333	38456	U	38
Naphthalene		330	10	10.0	333	38456	U	38
4-Chloroaniline		330	17	17.1	570	65721		66
Hexachlorobutadiene		330	10	10.0	333	38456	U	38
4-Chloro-3-methylphenol		330	10	10.0	333	38456	U	38
2-Methylnaphthalene		330	10	10.0	333	38456	U	38
Hexachlorocyclopentadiene		330	10	10.0	333	38456	U	38
2,4,6-Trichlorophenol		550	10	10.0	333	38456	U	38
2,4,5-Trichlorophenol		550	10	10.0	333	38456	U	38
2-Chloronaphthalene		330	10	10.0	333	38456	U	38
2-Nitroaniline		330	15	14.6	488	56299		56
Acenaphthalene		330	10	10.0	333	38456	U	38
Dimethylphthalate		1500	10	10.0	333	38456	U	38
2,6-Dinitrotoluene		330	10	10.0	333	38456	U	38
3-Nitroaniline		330	10	10.0	333	38456	U	38
Acenaphthene		330	10	10.0	333	38456	U	38
2,4-Dinitrophenol		550	10	10.0	333	38456	U	38
Dibenzofuran		330	10	10.0	333	38456	U	38
2,4-Dinitrotoluene		330	10	10.0	333	38456	U	38
4-Nitrophenol		550	10	10.0	333	38456	U	38
Fluorene		550	10	10.0	333	38456	U	38
4-Chlorophenyl-phenyl ether		330	10	10.0	333	38456	U	38
Diethylphthalate		1500	10	10.0	333	38456	U	38
4-Nitroaniline		330	10	10.0	333	38456	U	38
4,6-Dinitro-2-methylphenol		550	10	10.0	333	38456	U	38
N-Nitrosodiphenylamine		330	10	10.0	333	38456	U	38
4-Bromophenyl-phenylether		330	10	10.0	333	38456	U	38
Hexachlorobenzene		330	10	10.0	333	38456	U	38
Pentachlorophenol		550	5	5.2	174	20112		20
Phenanthrene		330	10	10.0	333	38456	U	38
Anthracene		330	10	10.0	333	38456	U	38
Di-n-butylphthalate		1500	10	10.0	333	38456	U	38
Fluoranthene		330	10	10.0	333	38456	U	38
Pyrene		330	10	10.0	333	38456	U	38
Butylbenzylphthalate		1500	10	10.0	333	38456	U	38
3,3-Dichlorobenzidine		330	10	10.0	333	38456	U	38
Benzo (a) anthracene		330	10	10.0	333	38456	U	38
Chrysene		330	10	10.0	333	38456	U	38
bis (2-Ethylhexyl) phthalate		1500	7	7.2	238	27496		27
Di-n-octylphthalate		1500	10	10.0	333	38456	U	38
Benzo (b) fluoranthene		330	10	10.0	333	38456	U	38
Benzo (k) fluoranthene		330	10	10.0	333	38456	U	38
Benzo (a) pyrene		330	10	10.0	333	38456	U	38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	38456	U	38
Dibenzo (a,h) anthracene		330	10	10.0	333	38456	U	38
Benzo (g,h,i) perylene		330	10	10.0	333	38456	U	38

SURROGATES	CAS Number	% REC	X DF	Soil
2-Fluorophenol		0.14	14	25-121
Phenol-d6		0.34	34	24-113
Nitrobenzene-d5		0.36	36	23-120
2-Fluorobiphenyl		0.62	62	30-115
2,4,6-Tribromophenol		0.50	50	19-122
Terphenyl-d14		0.72	72	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: heavy hydrocarbon "hump" is subsituted benzene

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date	11/07/01
Lab Sample ID:	URS1107-03	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-17	Prep Method 2	
Date Sample Collected:	11/07/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor.	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	91
Data File Name:	SA04233	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg))	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	367	U	0.37
Phenol		550	9	9.0	298	329	J	0.33
2-Chlorophenol		550	10	10.0	333	367	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	367	U	0.37
1,4-Dichlorobenzene		330	1661	1661.4	55381	61019	E	61
1,2-Dichlorobenzene		330	145	145.3	4844	5337		5.34
Benzyl Alcohol		330	10	10.0	333	367	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	367	U	0.37
2-Methylphenol		550	10	10.0	333	367	U	0.37
Hexachloroethane		330	10	10.0	333	367	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	367	U	0.37
4-Methylphenol		550	10	10.0	333	367	U	0.37
Nitrobenzene		330	10	10.0	333	367	U	0.37
Isophorone		330	10	10.0	333	367	U	0.37
2-Nitrophenol		550	10	10.0	333	367	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	367	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	367	U	0.37
2,4-Dichlorophenol		550	18	18.2	606	668		0.67
Benzoic Acid		330	10	10.0	333	367	U	0.37
1,2,4-Trichlorobenzene		330	6	5.8	192	212	J	0.21
Naphthalene		330	277	277.3	9244	10185	E	10
4-Chloroaniline		330	10	10.0	333	367	U	0.37
Hexachlorobutadiene		330	10	10.0	333	367	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	367	U	0.37
2-Methylnaphthalene		330	31	31.1	1036	1141		1.14
Hexachlorocyclopentadiene		330	10	10.0	333	367	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	367	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	367	U	0.37
2-Chloronaphthalene		330	10	10.0	333	367	U	0.37
2-Nitroaniline		330	10	10.0	333	367	U	0.37
Acenaphthalene		330	10	10.0	333	367	U	0.37
Dimethylphthalate		1500	10	10.0	333	367	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	367	U	0.37
3-Nitroaniline		330	10	10.0	333	367	U	0.37
Acenaphthene		330	12	12.4	412	454		0.45
2,4-Dinitrophenol		550	10	10.0	333	367	U	0.37
Dibenzofuran		330	10	10.0	333	367	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	367	U	0.37
4-Nitrophenol		550	10	10.0	333	367	U	0.37
Fluorene		550	12	11.5	384	423		0.42
4-Chlorophenyl-phenyl ether		330	10	10.0	333	367	U	0.37
Diethylphthalate		1500	10	10.0	333	367	U	0.37
4-Nitroaniline		330	6	6.5	216	238	J	0.24
4,6-Dinitro-2-methylphenol		550	10	10.0	333	367	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	367	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	367	U	0.37
Hexachlorobenzene		330	10	10.0	333	367	U	0.37
Pentachlorophenol		550	47	46.5	1551	1709		1.71
Phenanthrene		330	35	34.6	1153	1270		1.27
Anthracene		330	10	10.0	333	367	U	0.37
Di-n-butylphthalate		1500	39	38.9	1295	1427		1.43
Fluoranthene		330	10	10.0	333	367	U	0.37
Pyrene		330	12	11.9	395	436		0.44
Butylbenzylphthalate		1500	11	10.5	350	386		0.39
3,3-Dichlorobenzidine		330	10	10.0	333	367	U	0.37
Benzo (a) anthracene		330	10	10.0	333	367	U	0.37
Chrysene		330	10	10.0	333	367	U	0.37
bis (2-Ethylhexyl) phthalate		1500	18	17.8	592	653		0.65
Di-n-octylphthalate		1500	10	10.0	333	367	U	0.37
Benzo (b) fluoranthene		330	10	10.0	333	367	U	0.37
Benzo (k) fluoranthene		330	10	10.0	333	367	U	0.37
Benzo (a) pyrene		330	10	10.0	333	367	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	367	U	0.37
Dibenzo (a,h) anthracene		330	10	10.0	333	367	U	0.37
Benzo (g,h,i) perylene		330	10	10.0	333	367	U	0.37

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		55	25-121
Phenol-d6		94	24-113
Nitrobenzene-d5		54	23-120
2-Fluorobiphenyl		104	30-115
2,4,6-Tribromophenol		91	19-122
Terphenyl-d14		155	18-137 *

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS1107-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-17	Prep Method 2:	
Date Sample Collected	11/07/01	Lab Analysis Date	11/08/01
Date Sample Received:	11/07/01	Result Type	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	91
Data File Name:	SA04247	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3673	U	3.67
Phenol		550	10	10.0	333	3673	U	3.67
2-Chlorophenol		550	10	10.0	333	3673	U	3.67
1,3-Dichlorobenzene		330	10	10.0	333	3673	U	3.67
1,4-Dichlorobenzene		330	188	188.1	6271	69098	E	69
1,2-Dichlorobenzene		330	8	7.8	261	2872		2.87
Benzyl Alcohol		330	10	10.0	333	3673	U	3.67
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3673	U	3.67
2-Methylphenol		550	10	10.0	333	3673	U	3.67
Hexachloroethane		330	10	10.0	333	3673	U	3.67
N-Nitroso-di-n-propylamine		330	10	10.0	333	3673	U	3.67
4-Methylphenol		550	10	10.0	333	3673	U	3.67
Nitrobenzene		330	10	10.0	333	3673	U	3.67
Isophorone		330	10	10.0	333	3673	U	3.67
2-Nitrophenol		550	10	10.0	333	3673	U	3.67
2,4-Dimethylphenol		550	10	10.0	333	3673	U	3.67
bis (2-Chloroethoxy) methane		330	10	10.0	333	3673	U	3.67
2,4-Dichlorophenol		550	10	10.0	333	3673	U	3.67
Benzoic Acid		330	10	10.0	333	3673	U	3.67
1,2,4-Trichlorobenzene		330	10	10.0	333	3673	U	3.67
Naphthalene		330	21	20.6	686	7562		7.56
4-Chloroaniline		330	10	10.0	333	3673	U	3.67
Hexachlorobutadiene		330	10	10.0	333	3673	U	3.67
4-Chloro-3-methylphenol		330	10	10.0	333	3673	U	3.67
2-Methylnaphthalene		330	10	10.0	333	3673	U	3.67
Hexachlorocyclopentadiene		330	10	10.0	333	3673	U	3.67
2,4,6-Trichlorophenol		550	10	10.0	333	3673	U	3.67
2,4,5-Trichlorophenol		550	10	10.0	333	3673	U	3.67
2-Chloronaphthalene		330	10	10.0	333	3673	U	3.67
2-Nitroaniline		330	10	10.0	333	3673	U	3.67
Acenaphthalene		330	10	10.0	333	3673	U	3.67
Dimethylphthalate		1500	10	10.0	333	3673	U	3.67
2,6-Dinitrotoluene		330	10	10.0	333	3673	U	3.67
3-Nitroaniline		330	10	10.0	333	3673	U	3.67
Acenaphthene		330	10	10.0	333	3673	U	3.67
2,4-Dinitrophenol		550	10	10.0	333	3673	U	3.67
Dibenzofuran		330	10	10.0	333	3673	U	3.67
2,4-Dinitrotoluene		330	10	10.0	333	3673	U	3.67
4-Nitrophenol		550	10	10.0	333	3673	U	3.67
Fluorene		550	10	10.0	333	3673	U	3.67
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3673	U	3.67
Diethylphthalate		1500	10	10.0	333	3673	U	3.67
4-Nitroaniline		330	10	10.0	333	3673	U	3.67
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3673	U	3.67
N-Nitrosodiphenylamine		330	10	10.0	333	3673	U	3.67
4-Bromophenyl-phenylether		330	10	10.0	333	3673	U	3.67
Hexachlorobenzene		330	10	10.0	333	3673	U	3.67
Pentachlorophenol		550	10	10.0	333	3673	U	3.67
Phenanthrene		330	10	10.0	333	3673	U	3.67
Anthracene		330	10	10.0	333	3673	U	3.67
Di-n-butylphthalate		1500	10	10.0	333	3673	U	3.67
Fluoranthene		330	10	10.0	333	3673	U	3.67
Pyrene		330	10	10.0	333	3673	U	3.67
Butylbenzylphthalate		1500	10	10.0	333	3673	U	3.67
3,3-Dichlorobenzidine		330	10	10.0	333	3673	U	3.67
Benzo (a) anthracene		330	10	10.0	333	3673	U	3.67
Chrysene		330	10	10.0	333	3673	U	3.67
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3673	U	3.67
Di-n-octylphthalate		1500	10	10.0	333	3673	U	3.67
Benzo (b) fluoranthene		330	10	10.0	333	3673	U	3.67
Benzo (k) fluoranthene		330	10	10.0	333	3673	U	3.67
Benzo (a) pyrene		330	10	10.0	333	3673	U	3.67
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3673	U	3.67
Dibenzo (a,h) anthracene		330	10	10.0	333	3673	U	3.67
Benzo (g,h,i) perylene		330	10	10.0	333	3673	U	3.67

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.6	36	25-121
Phenol-d6		6.8	68	24-113
Nitrobenzene-d5		5.6	56	23-120
2-Fluorobiphenyl		8.0	80	30-115
2,4,6-Tribromophenol		8.8	88	19-122
Terphenyl-d14		9.1	91	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: heavy hydrocarbon "hump" is diesel and substituted

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID	URS110701-04DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-15	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date	11/08/01
Date Sample Received	11/07/01	Result Type:	FR
EDD Transfer Date		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type	F	Dilution Factor:	10
Analysis Method.	SW8270C	Spike Amount.	
Prep Batch Number.	QCS001	Percent Solids:	82
Data File Name:	SA04248	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	4085	U	4.08
Phenol		550	10	10.0	333	4085	U	4.08
2-Chlorophenol		550	10	10.0	333	4085	U	4.08
1,3-Dichlorobenzene		330	10	10.0	333	4085	U	4.08
1,4-Dichlorobenzene		330	10	10.0	333	4085	U	4.08
1,2-Dichlorobenzene		330	10	10.0	333	4085	U	4.08
Benzyl Alcohol		330	10	10.0	333	4085	U	4.08
bis (2-Chloroisopropyl) ether		330	10	10.0	333	4085	U	4.08
2-Methylphenol		550	10	10.0	333	4085	U	4.08
Hexachloroethane		330	10	10.0	333	4085	U	4.08
N-Nitroso-di-n-propylamine		330	10	10.0	333	4085	U	4.08
4-Methylphenol		550	10	10.0	333	4085	U	4.08
Nitrobenzene		330	10	10.0	333	4085	U	4.08
Isophorone		330	10	10.0	333	4085	U	4.08
2-Nitrophenol		550	10	10.0	333	4085	U	4.08
2,4-Dimethylphenol		550	10	10.0	333	4085	U	4.08
bis (2-Chloroethoxy) methane		330	10	10.0	333	4085	U	4.08
2,4-Dichlorophenol		550	10	10.0	333	4085	U	4.08
Benzoic Acid		330	10	10.0	333	4085	U	4.08
1,2,4-Trichlorobenzene		330	10	10.0	333	4085	U	4.08
Naphthalene		330	21	20.6	666	8411	U	8.41
4-Chloroaniline		330	10	10.0	333	4085	U	4.08
Hexachlorobutadiene		330	10	10.0	333	4085	U	4.08
4-Chloro-3-methylphenol		330	10	10.0	333	4085	U	4.08
2-Methylnaphthalene		330	10	10.0	333	4085	U	4.08
Hexachlorocyclopentadiene		330	10	10.0	333	4085	U	4.08
2,4,6-Trichlorophenol		550	10	10.0	333	4085	U	4.08
2,4,5-Trichlorophenol		550	10	10.0	333	4085	U	4.08
2-Chloronaphthalene		330	10	10.0	333	4085	U	4.08
2-Nitroaniline		330	10	10.0	333	4085	U	4.08
Acenaphthalene		330	10	10.0	333	4085	U	4.08
Dimethylphthalate		1500	10	10.0	333	4085	U	4.08
2,6-Dinitrotoluene		330	10	10.0	333	4085	U	4.08
3-Nitroaniline		330	10	10.0	333	4085	U	4.08
Acenaphthene		330	10	10.0	333	4085	U	4.08
2,4-Dinitrophenol		550	10	10.0	333	4085	U	4.08
Dibenzofuran		330	10	10.0	333	4085	U	4.08
2,4-Dinitrotoluene		330	10	10.0	333	4085	U	4.08
4-Nitrophenol		550	10	10.0	333	4085	U	4.08
Fluorene		550	10	10.0	333	4085	U	4.08
4-Chlorophenyl-phenyl ether		330	10	10.0	333	4085	U	4.08
Diethylphthalate		1500	10	10.0	333	4085	U	4.08
4-Nitroaniline		330	10	10.0	333	4085	U	4.08
4,6-Dinitro-2-methylphenol		550	10	10.0	333	4085	U	4.08
N-Nitrosodiphenylamine		330	10	10.0	333	4085	U	4.08
4-Bromophenyl-phenylether		330	10	10.0	333	4085	U	4.08
Hexachlorobenzene		330	10	10.0	333	4085	U	4.08
Pentachlorophenol		550	10	10.0	333	4085	U	4.08
Phenanthrene		330	10	10.0	333	4085	U	4.08
Anthracene		330	10	10.0	333	4085	U	4.08
Di-n-butylphthalate		1500	5	5.4	181	2222	J	2.22
Fluoranthene		330	10	10.0	333	4085	U	4.08
Pyrene		330	10	10.0	333	4085	U	4.08
Butylbenzylphthalate		1500	10	10.0	333	4085	U	4.08
3,3-Dichlorobenzidine		330	10	10.0	333	4085	U	4.08
Benzo (a) anthracene		330	10	10.0	333	4085	U	4.08
Chrysene		330	10	10.0	333	4085	U	4.08
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	4085	U	4.08
Di-n-octylphthalate		1500	10	10.0	333	4085	U	4.08
Benzo (b) fluoranthene		330	10	10.0	333	4085	U	4.08
Benzo (k) fluoranthene		330	10	10.0	333	4085	U	4.08
Benzo (a) pyrene		330	10	10.0	333	4085	U	4.08
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	4085	U	4.08
Dibenzo (a,h) anthracene		330	10	10.0	333	4085	U	4.08
Benzo (g,h,i) perylene		330	10	10.0	333	4085	U	4.08

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2.2	22 *	25-121
Phenol-d6		3.8	38	24-113
Nitrobenzene-d5		5.0	50	23-120
2-Fluorobiphenyl		6.0	60	30-115
2,4,6-Tribromophenol		5.1	51	19-122
Terphenyl-d14		7.0	70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: heavy hydrocarbon "hump" is diesel and substituted

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS1107-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-13	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	90
Data File Name:	SA04235	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	371	U	0.37
Phenol		550	7	6.6	220	244	J	0.24
2-Chlorophenol		550	10	10.0	333	371	U	0.37
1,3-Dichlorobenzene		330	11	11.0	366	407		0.41
1,4-Dichlorobenzene		330	12	11.5	385	428		0.43
1,2-Dichlorobenzene		330	38	37.7	1255	1396		1.40
Benzyl Alcohol		330	10	10.0	333	371	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	371	U	0.37
2-Methylphenol		550	10	10.0	333	371	U	0.37
Hexachloroethane		330	10	10.0	333	371	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	371	U	0.37
4-Methylphenol		550	10	10.0	333	371	U	0.37
Nitrobenzene		330	10	10.0	333	371	U	0.37
Isophorone		330	10	10.0	333	371	U	0.37
2-Nitrophenol		550	10	10.0	333	371	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	371	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	371	U	0.37
2,4-Dichlorophenol		550	102	102.4	3412	3795		3.79
Benzoic Acid		330	10	10.0	333	371	U	0.37
1,2,4-Trichlorobenzene		330	19	19.1	636	708		0.71
Naphthalene		330	45	45.1	1502	1670		1.67
4-Chloroaniline		330	10	10.0	333	371	U	0.37
Hexachlorobutadiene		330	10	10.0	333	371	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	371	U	0.37
2-Methylnaphthalene		330	13	13.2	439	488		0.49
Hexachlorocyclopentadiene		330	10	10.0	333	371	U	0.37
2,4,6-Trichlorophenol		550	31	31.3	1045	1162		1.16
2,4,5-Trichlorophenol		550	11	10.8	359	399		0.40
2-Chloronaphthalene		330	10	10.0	333	371	U	0.37
2-Nitroaniline		330	10	10.0	333	371	U	0.37
Acenaphthalene		330	10	10.0	333	371	U	0.37
Dimethylphthalate		1500	7	7.1	238	265	J	0.26
2,6-Dinitrotoluene		330	10	10.0	333	371	U	0.37
3-Nitroaniline		330	10	10.0	333	371	U	0.37
Acenaphthene		330	10	10.0	333	371	U	0.37
2,4-Dinitrophenol		550	10	10.0	333	371	U	0.37
Dibenzofuran		330	10	10.0	333	371	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	371	U	0.37
4-Nitrophenol		550	10	10.0	333	371	U	0.37
Fluorene		550	10	10.0	333	371	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10.0	333	371	U	0.37
Diethylphthalate		1500	10	10.0	333	371	U	0.37
4-Nitroaniline		330	10	10.0	333	371	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	371	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	371	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	371	U	0.37
Hexachlorobenzene		330	10	10.0	333	371	U	0.37
Pentachlorophenol		550	221	220.9	7364	8181	E	8.19
Phenanthrene		330	60	60.0	2000	2224		2.22
Anthracene		330	10	10.0	333	371	U	0.37
Di-n-butylphthalate		1500	39	38.9	1295	1440		1.44
Fluoranthene		330	63	63.3	2111	2348		2.35
Pyrene		330	180	179.8	5986	6657		6.66
Butylbenzylphthalate		1500	5	5.5	183	204	J	0.20
3,3-Dichlorobenzidine		330	10	10.0	333	371	U	0.37
Benzo (a) anthracene		330	10	10.0	333	371	U	0.37
Chrysene		330	124	124.4	4146	4611		4.61
bis (2-Ethylhexyl) phthalate		1500	100	99.9	3329	3703		3.70
Di-n-octylphthalate		1500	26	25.8	860	957		0.96
Benzo (b) fluoranthene		330	10	10.0	333	371	U	0.37
Benzo (k) fluoranthene		330	939	938.8	31282	34803		35
Benzo (a) pyrene		330	10	10.0	333	371	U	0.37
Indeno (1,2,3-cd) pyrene		330	291	290.7	9691	10779		11
Dibenzo (a,h) anthracene		330	10	10.0	333	371	U	0.37
Benzo (g,h,i) perylene		330	29	28.9	962	1070		1.07

SURROGATES	CAS Number	% REC	Soil	
2-Fluorophenol		20	25-121	*
Phenol-d6		30	24-113	
Nitrobenzene-d5		122	23-120	*
2-Fluorobiphenyl		85	30-115	
2,4,6-Tribromophenol		65	19-122	
Terphenyl-d14		152	18-137	*

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS1107-05DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-13	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS001	Percent Solids	90
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3707	U	3.71
Phenol		550	10	10.0	333	3707	U	3.71
2-Chlorophenol		550	10	10.0	333	3707	U	3.71
1,3-Dichlorobenzene		330	10	10.0	333	3707	U	3.71
1,4-Dichlorobenzene		330	10	10.0	333	3707	U	3.71
1,2-Dichlorobenzene		330	10	10.0	333	3707	U	3.71
Benzyl Alcohol		330	10	10.0	333	3707	U	3.71
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3707	U	3.71
2-Methylphenol		550	10	10.0	333	3707	U	3.71
Hexachloroethane		330	10	10.0	333	3707	U	3.71
N-Nitroso-di-n-propylamine		330	10	10.0	333	3707	U	3.71
4-Methylphenol		550	10	10.0	333	3707	U	3.71
Nitrobenzene		330	10	10.0	333	3707	U	3.71
Isophorone		330	10	10.0	333	3707	U	3.71
2-Nitrophenol		550	10	10.0	333	3707	U	3.71
2,4-Dimethylphenol		550	10	10.0	333	3707	U	3.71
bis (2-Chloroethoxy) methane		330	10	10.0	333	3707	U	3.71
2,4-Dichlorophenol		550	**14**	13.8	459	**5105**		**5.11**
Benzoic Acid		330	10	10.0	333	3707	U	3.71
1,2,4-Trichlorobenzene		330	10	10.0	333	3707	U	3.71
Naphthalene		330	10	10.0	333	3707	U	3.71
4-Chloroaniline		330	10	10.0	333	3707	U	3.71
Hexachlorobutadiene		330	10	10.0	333	3707	U	3.71
4-Chloro-3-methylphenol		330	10	10.0	333	3707	U	3.71
2-Methylnaphthalene		330	**13**	13.2	439	**4883**		**4.88**
Hexachlorocyclopentadiene		330	10	10.0	333	3707	U	3.71
2,4,6-Trichlorophenol		550	**31**	31.3	1045	**11619**	U	**11.62**
2,4,5-Trichlorophenol		550	**11**	10.8	359	**3989**	U	**3.99**
2-Chloronaphthalene		330	10	10.0	333	3707	U	3.71
2-Nitroaniline		330	10	10.0	333	3707	U	3.71
Acenaphthalene		330	10	10.0	333	3707	U	3.71
Dimethylphthalate		1500	**7**	7.1	238	**2647**	J	**2.65**
2,6-Dinitrotoluene		330	10	10.0	333	3707	U	3.71
3-Nitroaniline		330	10	10.0	333	3707	U	3.71
Acenaphthene		330	10	10.0	333	3707	U	3.71
2,4-Dinitrophenol		550	10	10.0	333	3707	U	3.71
Dibenzofuran		330	10	10.0	333	3707	U	3.71
2,4-Dinitrotoluene		330	10	10.0	333	3707	U	3.71
4-Nitrophenol		550	10	10.0	333	3707	U	3.71
Fluorene		550	10	10.0	333	3707	U	3.71
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3707	U	3.71
Diethylphthalate		1500	10	10.0	333	3707	U	3.71
4-Nitroaniline		330	10	10.0	333	3707	U	3.71
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3707	U	3.71
N-Nitrosodiphenylamine		330	10	10.0	333	3707	U	3.71
4-Bromophenyl-phenylether		330	10	10.0	333	3707	U	3.71
Hexachlorobenzene		330	10	10.0	333	3707	U	3.71
Pentachlorophenol		550	**32**	31.7	1056	**11741**		**11.74**
Phenanthrene		330	**7**	7.1	236	**2629**	J	**2.63**
Anthracene		330	10	10.0	333	3707	U	3.71
Di-n-butylphthalate		1500	10	10.0	333	3707	U	3.71
Fluoranthene		330	**11**	11.2	374	**4160**		**4.16**
Pyrene		330	**10**	10.3	344	**3822**		**3.82**
Butylbenzylphthalate		1500	**5**	5.5	183	**2035**	J	**2.04**
3,3-Dichlorobenzidine		330	10	10.0	333	3707	U	3.71
Benzo (a) anthracene		330	**9**	9.3	308	**3429**	J	**3.43**
Chrysene		330	10	10.0	333	3707	U	3.71
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3707	U	3.71
Di-n-octylphthalate		1500	10	10.0	333	3707	U	3.71
Benzo (b) fluoranthene		330	**7**	7.3	243	**2706**	J	**2.71**
Benzo (k) fluoranthene		330	10	10.0	333	2706	U	2.71
Benzo (a) pyrene		330	**6**	5.9	196	**2176**	J	**2.18**
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3707	U	3.71
Dibenzo (a,h) anthracene		330	10	10.0	333	3707	U	3.71
Benzo (g,h,i) perylene		330	10	10.0	333	3707	U	3.71

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4.1	41	25-121
Phenol-d6		6.4	64	24-113
Nitrobenzene-d5		12.3	123 *	23-120
2-Fluorobiphenyl		8.3	83	30-115
2,4,6-Tribromophenol		8.7	87	19-122
Terphenyl-d14		8.5	85	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-08DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-44	Prep Method 2	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	88
Data File Name:	SA04252	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	38620	U	39
Phenol		550	10	10.0	333	38620	U	39
2-Chlorophenol		550	10	10.0	333	38620	U	39
1,3-Dichlorobenzene		330	29	28.7	956	110802		111
1,4-Dichlorobenzene		330	10	10.0	333	38620	U	39
1,2-Dichlorobenzene		330	10	10.0	333	38620	U	39
Benzyl Alcohol		330	10	10.0	333	38620	U	39
bis (2-Chloroisopropyl) ether		330	10	10.0	333	38620	U	39
2-Methylphenol		550	10	10.0	333	38620	U	39
Hexachloroethane		330	10	10.0	333	38620	U	39
N-Nitroso-di-n-propylamine		330	10	10.0	333	38620	U	39
4-Methylphenol		550	10	10.0	333	38620	U	39
Nitrobenzene		330	10	10.0	333	38620	U	39
Isophorone		330	10	10.0	333	38620	U	39
2-Nitrophenol		550	10	10.0	333	38620	U	39
2,4-Dimethylphenol		550	10	10.0	333	38620	U	39
bis (2-Chloroethoxy) methane		330	10	10.0	333	38620	U	39
2,4-Dichlorophenol		550	10	10.0	333	38620	U	39
Benzoic Acid		330	10	10.0	333	38620	U	39
1,2,4-Trichlorobenzene		330	10	10.0	333	38620	U	39
Naphthalene		330	10	10.0	333	38620	U	39
4-Chloroaniline		330	10	10.0	333	38620	U	39
Hexachlorobutadiene		330	10	10.0	333	38620	U	39
4-Chloro-3-methylphenol		330	10	10.0	333	38620	U	39
2-Methylnaphthalene		330	10	10.0	333	38620	U	39
Hexachlorocyclopentadiene		330	10	10.0	333	38620	U	39
2,4,6-Trichlorophenol		550	10	10.0	333	38620	U	39
2,4,5-Trichlorophenol		550	10	10.0	333	38620	U	39
2-Chloronaphthalene		330	10	10.0	333	38620	U	39
2-Nitroaniline		330	10	10.0	333	38620	U	39
Acenaphthalene		330	10	10.0	333	38620	U	39
Dimethylphthalate		1500	10	10.0	333	38620	U	39
2,6-Dinitrotoluene		330	10	10.0	333	38620	U	39
3-Nitroaniline		330	10	10.0	333	38620	U	39
Acenaphthene		330	10	10.0	333	38620	U	39
2,4-Dinitrophenol		550	10	10.0	333	38620	U	39
Dibenzofuran		330	10	10.0	333	38620	U	39
2,4-Dinitrotoluene		330	10	10.0	333	38620	U	39
4-Nitrophenol		550	10	10.0	333	38620	U	39
Fluorene		550	10	10.0	333	38620	U	39
4-Chlorophenyl-phenyl ether		330	10	10.0	333	38620	U	39
Diethylphthalate		1500	10	10.0	333	38620	U	39
4-Nitroaniline		330	10	10.0	333	38620	U	39
4,6-Dinitro-2-methylphenol		550	10	10.0	333	38620	U	39
N-Nitrosodiphenylamine		330	10	10.0	333	38620	U	39
4-Bromophenyl-phenylether		330	10	10.0	333	38620	U	39
Hexachlorobenzene		330	10	10.0	333	38620	U	39
Pentachlorophenol		550	10	10.0	333	38620	U	39
Phenanthrene		330	10	10.0	333	38620	U	39
Anthracene		330	10	10.0	333	38620	U	39
Di-n-butylphthalate		1500	10	10.0	333	38620	U	39
Fluoranthene		330	10	10.0	333	38620	U	39
Pyrene		330	10	10.0	333	38620	U	39
Butylbenzylphthalate		1500	10	10.0	333	38620	U	39
3,3-Dichlorobenzidine		330	10	10.0	333	38620	U	39
Benzo (a) anthracene		330	10	10.0	333	38620	U	39
Chrysene		330	10	10.0	333	38620	U	39
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	38620	U	39
Di-n-octylphthalate		1500	10	10.0	333	38620	U	39
Benzo (b) fluoranthene		330	10	10.0	333	38620	U	39
Benzo (k) fluoranthene		330	10	10.0	333	38620	U	39
Benzo (a) pyrene		330	10	10.0	333	38620	U	39
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	38620	U	39
Dibenzo (a,h) anthracene		330	10	10.0	333	38620	U	39
Benzo (g,h,i) perylene		330	10	10.0	333	38620	U	39

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		0.0	0	25-121	*
Phenol-d6		0.2	22	24-113	*
Nitrobenzene-d5		0.2	20	23-120	*
2-Fluorobiphenyl		0.2	20	30-115	*
2,4,6-Tribromophenol		0.0	0	19-122	*
Terphenyl-d14		0.3	26	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-56	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	89
Data File Name:	SA04253	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	373	U	0.37
Phenol		550	10	10.0	333	373	U	0.37
2-Chlorophenol		550	10	10.0	333	373	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	373	U	0.37
1,4-Dichlorobenzene		330	10	10.0	333	373	U	0.37
1,2-Dichlorobenzene		330	10	10.0	333	373	U	0.37
Benzyl Alcohol		330	10	10.0	333	373	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	373	U	0.37
2-Methylphenol		550	10	10.0	333	373	U	0.37
Hexachloroethane		330	10	10.0	333	373	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	373	U	0.37
4-Methylphenol		550	10	10.0	333	373	U	0.37
Nitrobenzene		330	10	10.0	333	373	U	0.37
Isophorone		330	10	10.0	333	373	U	0.37
2-Nitrophenol		550	10	10.0	333	373	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	373	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	373	U	0.37
2,4-Dichlorophenol		550	10	10.0	333	373	U	0.37
Benzoic Acid		330	10	10.0	333	373	U	0.37
1,2,4-Trichlorobenzene		330	10	10.0	333	373	U	0.37
Naphthalene		330	10	10.0	333	373	U	0.37
4-Chloroaniline		330	10	10.0	333	373	U	0.37
Hexachlorobutadiene		330	10	10.0	333	373	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	373	U	0.37
2-Methylnaphthalene		330	10	10.0	333	373	U	0.37
Hexachlorocyclopentadiene		330	10	10.0	333	373	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	373	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	373	U	0.37
2-Chloronaphthalene		330	10	10.0	333	373	U	0.37
2-Nitroaniline		330	10	10.0	333	373	U	0.37
Acenaphthalene		330	10	10.0	333	373	U	0.37
Dimethylphthalate		1500	10	10.0	333	373	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	373	U	0.37
3-Nitroaniline		330	10	10.0	333	373	U	0.37
Acenaphthene		330	10	10.0	333	373	U	0.37
2,4-Dinitrophenol		550	10	10.0	333	373	U	0.37
Dibenzofuran		330	10	10.0	333	373	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	373	U	0.37
4-Nitrophenol		550	10	10.0	333	373	U	0.37
Fluorene		550	10	10.0	333	373	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10.0	333	373	U	0.37
Diethylphthalate		1500	10	10.0	333	373	U	0.37
4-Nitroaniline		330	10	10.0	333	373	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	373	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	373	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	373	U	0.37
Hexachlorobenzene		330	10	10.0	333	373	U	0.37
Pentachlorophenol		550	10	10.0	333	373	U	0.37
Phenanthrene		330	10	10.0	333	373	U	0.37
Anthracene		330	10	10.0	333	373	U	0.37
Di-n-butylphthalate		1500	10	10.0	333	373	U	0.37
Fluoranthene		330	8	8.5	283	316	J	0.32
Pyrene		330	9	9.0	300	336	J	0.34
Butylbenzylphthalate		1500	10	10.0	333	373	U	0.37
3,3-Dichlorobenzidine		330	10	10.0	333	373	U	0.37
Benzo (a) anthracene		330	7	7.1	237	265	J	0.26
Chrysene		330	8	8.1	270	301	J	0.30
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	373	U	0.37
Di-n-octylphthalate		1500	10	10.0	333	373	U	0.37
Benzo (b) fluoranthene		330	8	8.4	279	312	J	0.31
Benzo (k) fluoranthene		330	10	10.0	333	373	U	0.37
Benzo (a) pyrene		330	10	10.0	333	373	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	373	U	0.37
Dibenzo (a,h) anthracene		330	10	10.0	333	373	U	0.37
Benzo (g,h,i) perylene		330	10	10.0	333	373	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		33.6	34	25-121
Phenol-d6		46.3	46	24-113
Nitrobenzene-d5		54.0	54	23-120
2-Fluorobiphenyl		61.3	61	30-115
2,4,6-Tribromophenol		73.2	73	19-122
Terphenyl-d14		70.4	70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110701	Lab Prep Date:	11/07/01
Lab Sample ID:	URS110701-08	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-61	Prep Method 2:	
Date Sample Collected:	11/07/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/07/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS001	Percent Solids:	89
Data File Name:	SA04254	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	375	U	0.37
Phenol		550	10	10.0	333	375	U	0.37
2-Chlorophenol		550	10	10.0	333	375	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	375	U	0.37
1,4-Dichlorobenzene		330	10	10.0	333	375	U	0.37
1,2-Dichlorobenzene		330	10	10.0	333	375	U	0.37
Benzyl Alcohol		330	10	10.0	333	375	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	375	U	0.37
2-Methylphenol		550	10	10.0	333	375	U	0.37
Hexachloroethane		330	10	10.0	333	375	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	375	U	0.37
4-Methylphenol		550	10	10.0	333	375	U	0.37
Nitrobenzene		330	10	10.0	333	375	U	0.37
Isophorone		330	10	10.0	333	375	U	0.37
2-Nitrophenol		550	10	10.0	333	375	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	375	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	375	U	0.37
2,4-Dichlorophenol		550	10	10.0	333	375	U	0.37
Benzoic Acid		330	10	10.0	333	375	U	0.37
1,2,4-Trichlorobenzene		330	10	10.0	333	375	U	0.37
Naphthalene		330	10	10.0	333	375	U	0.37
4-Chloroaniline		330	10	10.0	333	375	U	0.37
Hexachlorobutadiene		330	10	10.0	333	375	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	375	U	0.37
2-Methylnaphthalene		330	10	10.0	333	375	U	0.37
Hexachlorocyclopentadiene		330	10	10.0	333	375	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	375	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	375	U	0.37
2-Chloronaphthalene		330	10	10.0	333	375	U	0.37
2-Nitroaniline		330	10	10.0	333	375	U	0.37
Acenaphthalene		330	10	10.0	333	375	U	0.37
Dimethylphthalate		1500	10	10.0	333	375	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	375	U	0.37
3-Nitroaniline		330	10	10.0	333	375	U	0.37
Acenaphthene		330	10	10.0	333	375	U	0.37
2,4-Dinitrophenol		550	10	10.0	333	375	U	0.37
Dibenzofuran		330	10	10.0	333	375	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	375	U	0.37
4-Nitrophenol		550	10	10.0	333	375	U	0.37
Fluorene		550	10	10.0	333	375	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10.0	333	375	U	0.37
Diethylphthalate		1500	10	10.0	333	375	U	0.37
4-Nitroaniline		330	10	10.0	333	375	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	375	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	375	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	375	U	0.37
Hexachlorobenzene		330	10	10.0	333	375	U	0.37
Pentachlorophenol		550	10	10.0	333	375	U	0.37
Phenanthrene		330	10	10.0	333	375	U	0.37
Anthracene		330	10	10.0	333	375	U	0.37
Di-n-butylphthalate		1500	10	10.0	333	375	U	0.37
Fluoranthene		330	10	10.0	333	375	U	0.37
Pyrene		330	10	10.0	333	375	U	0.37
Butylbenzylphthalate		1500	10	10.0	333	375	U	0.37
3,3-Dichlorobenzidine		330	10	10.0	333	375	U	0.37
Benzo (a) anthracene		330	10	10.0	333	375	U	0.37
Chrysene		330	10	10.0	333	375	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	375	U	0.37
Di-n-octylphthalate		1500	10	10.0	333	375	U	0.37
Benzo (b) fluoranthene		330	10	10.0	333	375	U	0.37
Benzo (k) fluoranthene		330	10	10.0	333	375	U	0.37
Benzo (a) pyrene		330	10	10.0	333	375	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	375	U	0.37
Dibenzo (a,h) anthracene		330	10	10.0	333	375	U	0.37
Benzo (g,h,i) perylene		330	10	10.0	333	375	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34.6	35	25-121
Phenol-d6		44.1	44	24-113
Nitrobenzene-d5		46.4	46	23-120
2-Fluorobiphenyl		57.4	57	30-115
2,4,6-Tribromophenol		74.1	74	19-122
Terphenyl-d14		65.8	66	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low repeat; heavy hydrocarbon "hump", repeat x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-01RE	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-68	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	98
Data File Name:	SA04255	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	336	U	0.34
Phenol		550	10	9.9	329	336	U	0.34
2-Chlorophenol		550	10	9.9	329	336	U	0.34
1,3-Dichlorobenzene		330	10	9.9	329	336	U	0.34
1,4-Dichlorobenzene		330	10	9.9	329	336	U	0.34
1,2-Dichlorobenzene		330	10	9.9	329	336	U	0.34
Benzyl Alcohol		330	10	9.9	329	336	U	0.34
bis (2-Chloroisopropyl) ether		330	10	9.9	329	336	U	0.34
2-Methylphenol		550	10	9.9	329	336	U	0.34
Hexachloroethane		330	10	9.9	329	336	U	0.34
N-Nitroso-di-n-propylamine		330	10	9.9	329	336	U	0.34
4-Methylphenol		550	10	9.9	329	336	U	0.34
Nitrobenzene		330	10	9.9	329	336	U	0.34
Isophorone		330	10	9.9	329	336	U	0.34
2-Nitrophenol		550	10	9.9	329	336	U	0.34
2,4-Dimethylphenol		550	10	9.9	329	336	U	0.34
bis (2-Chloroethoxy) methane		330	10	9.9	329	336	U	0.34
2,4-Dichlorophenol		550	10	9.9	329	336	U	0.34
Benzoic Acid		330	10	9.9	329	336	U	0.34
1,2,4-Trichlorobenzene		330	10	9.9	329	336	U	0.34
Naphthalene		330	10	9.9	329	336	U	0.34
4-Chloroaniline		330	10	9.9	329	336	U	0.34
Hexachlorobutadiene		330	10	9.9	329	336	U	0.34
4-Chloro-3-methylphenol		330	10	9.9	329	336	U	0.34
2-Methylnaphthalene		330	10	9.9	329	336	U	0.34
Hexachlorocyclopentadiene		330	10	9.9	329	336	U	0.34
2,4,6-Trichlorophenol		550	10	9.9	329	336	U	0.34
2,4,5-Trichlorophenol		550	10	9.9	329	336	U	0.34
2-Chloronaphthalene		330	10	9.9	329	336	U	0.34
2-Nitroaniline		330	10	9.9	329	336	U	0.34
Acenaphthalene		330	10	9.9	329	336	U	0.34
Dimethylphthalate		1500	10	9.9	329	336	U	0.34
2,6-Dinitrotoluene		330	10	9.9	329	336	U	0.34
3-Nitroaniline		330	10	9.9	329	336	U	0.34
Acenaphthene		330	10	9.9	329	336	U	0.34
2,4-Dinitrophenol		550	10	9.9	329	336	U	0.34
Dibenzofuran		330	10	9.9	329	336	U	0.34
2,4-Dinitrotoluene		330	10	9.9	329	336	U	0.34
4-Nitrophenol		550	10	9.9	329	336	U	0.34
Fluorene		550	10	9.9	329	336	U	0.34
4-Chlorophenyl-phenyl ether		330	10	9.9	329	336	U	0.34
Diethylphthalate		1500	10	9.9	329	336	U	0.34
4-Nitroaniline		330	10	9.9	329	336	U	0.34
4,6-Dinitro-2-methylphenol		550	10	9.9	329	336	U	0.34
N-Nitrosodiphenylamine		330	10	9.9	329	336	U	0.34
4-Bromophenyl-phenylether		330	10	9.9	329	336	U	0.34
Hexachlorobenzene		330	10	9.9	329	336	U	0.34
Pentachlorophenol		550	10	9.9	329	336	U	0.34
Phenanthrene		330	10	9.9	329	336	U	0.34
Anthracene		330	10	9.9	329	336	U	0.34
Di-n-butylphthalate		1500	10	9.9	329	336	U	0.34
Fluoranthene		330	10	9.9	329	336	U	0.34
Pyrene		330	10	9.9	329	336	U	0.34
Butylbenzylphthalate		1500	10	9.9	329	336	U	0.34
3,3-Dichlorobenzidine		330	10	9.9	329	336	U	0.34
Benzo (a) anthracene		330	10	9.9	329	336	U	0.34
Chrysene		330	10	9.9	329	336	U	0.34
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	336	U	0.34
Di-n-octylphthalate		1500	10	9.9	329	336	U	0.34
Benzo (b) fluoranthene		330	10	9.9	329	336	U	0.34
Benzo (k) fluoranthene		330	10	9.9	329	336	U	0.34
Benzo (a) pyrene		330	10	9.9	329	336	U	0.34
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	336	U	0.34
Dibenzo (a,h) anthracene		330	10	9.9	329	336	U	0.34
Benzo (g,h,i) perylene		330	10	9.9	329	336	U	0.34

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43.5	43	25-121
Phenol-d6		55.2	55	24-113
Nitrobenzene-d5		56.9	57	23-120
2-Fluorobiphenyl		67.4	67	30-115
2,4,6-Tribromophenol		67.8	68	19-122
Terphenyl-d14		66.8	67	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-67	*Prep Method 2.*	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids.	88
Data File Name:	SA04256	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3805	U	3.80
Phenol		550	10	10.0	333	3805	U	3.80
2-Chlorophenol		550	10	10.0	333	3805	U	3.80
1,3-Dichlorobenzene		330	10	10.0	333	3805	U	3.80
1,4-Dichlorobenzene		330	10	10.0	333	3805	U	3.80
1,2-Dichlorobenzene		330	10	10.0	333	3805	U	3.80
Benzyl Alcohol		330	10	10.0	333	3805	U	3.80
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3805	U	3.80
2-Methylphenol		550	10	10.0	333	3805	U	3.80
Hexachloroethane		330	10	10.0	333	3805	U	3.80
N-Nitroso-di-n-propylamine		330	10	10.0	333	3805	U	3.80
4-Methylphenol		550	10	10.0	333	3805	U	3.80
Nitrobenzene		330	10	10.0	333	3805	U	3.80
Isophorone		330	10	10.0	333	3805	U	3.80
2-Nitrophenol		550	10	10.0	333	3805	U	3.80
2,4-Dimethylphenol		550	10	10.0	333	3805	U	3.80
bis (2-Chloroethoxy) methane		330	10	10.0	333	3805	U	3.80
2,4-Dichlorophenol		550	10	10.0	333	3805	U	3.80
Benzoic Acid		330	10	10.0	333	3805	U	3.80
1,2,4-Trichlorobenzene		330	10	10.0	333	3805	U	3.80
Naphthalene		330	10	10.0	333	3805	U	3.80
4-Chloroaniline		330	10	10.0	333	3805	U	3.80
Hexachlorobutadiene		330	10	10.0	333	3805	U	3.80
4-Chloro-3-methylphenol		330	10	10.0	333	3805	U	3.80
2-Methylnaphthalene		330	10	10.0	333	3805	U	3.80
Hexachlorocyclopentadiene		330	10	10.0	333	3805	U	3.80
2,4,6-Trichlorophenol		550	10	10.0	333	3805	U	3.80
2,4,5-Trichlorophenol		550	10	10.0	333	3805	U	3.80
2-Chloronaphthalene		330	10	10.0	333	3805	U	3.80
2-Nitroaniline		330	10	10.0	333	3805	U	3.80
Acenaphthalene		330	10	10.0	333	3805	U	3.80
Dimethylphthalate		1500	10	10.0	333	3805	U	3.80
2,6-Dinitrotoluene		330	10	10.0	333	3805	U	3.80
3-Nitroaniline		330	10	10.0	333	3805	U	3.80
Acenaphthene		330	10	10.0	333	3805	U	3.80
2,4-Dinitrophenol		550	10	10.0	333	3805	U	3.80
Dibenzofuran		330	10	10.0	333	3805	U	3.80
2,4-Dinitrotoluene		330	10	10.0	333	3805	U	3.80
4-Nitrophenol		550	10	10.0	333	3805	U	3.80
Fluorene		550	10	10.0	333	3805	U	3.80
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3805	U	3.80
Diethylphthalate		1500	10	10.0	333	3805	U	3.80
4-Nitroaniline		330	10	10.0	333	3805	U	3.80
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3805	U	3.80
N-Nitrosodiphenylamine		330	10	10.0	333	3805	U	3.80
4-Bromophenyl-phenylether		330	10	10.0	333	3805	U	3.80
Hexachlorobenzene		330	10	10.0	333	3805	U	3.80
Pentachlorophenol		550	10	10.0	333	3805	U	3.80
Phenanthrene		330	**31**	**31.5**	**1050**	**11981**		**11.98**
Anthracene		330	**9**	**9.0**	**301**	**3432**	J	**3.43**
Di-n-butylphthalate		1500	10	10.0	333	3805	U	3.80
Fluoranthene		330	**39**	**39.4**	**1313**	**14987**		**14.99**
Pyrene		330	**37**	**36.7**	**1223**	**13963**		**13.96**
Butylbenzylphthalate		1500	10	10.0	333	3805	U	3.80
3,3-Dichlorobenzidine		330	10	10.0	333	3805	U	3.80
Benzo (a) anthracene		330	**27**	**26.5**	**884**	**10090**		**10.09**
Chrysene		330	**25**	**25.2**	**839**	**9573**		**9.57**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3805	U	3.80
Di-n-octylphthalate		1500	10	10.0	333	3805	U	3.80
Benzo (b) fluoranthene		330	**22**	**22.0**	**735**	**8386**		**8.39**
Benzo (k) fluoranthene		330	**8**	**8.0**	**266**	**3032**	J	**3.03**
Benzo (a) pyrene		330	**16**	**16.1**	**536**	**6114**		**6.11**
Indeno (1,2,3-cd) pyrene		330	**7**	**7.4**	**247**	**2816**	J	**2.82**
Dibenzo (a,h) anthracene		330	10	10.0	333	3805	U	3.80
Benzo (g,h,I) perylene		330	**6**	**5.6**	**187**	**2134**	J	**2.13**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.9	39	25-121
Phenol-d6		5.3	53	24-113
Nitrobenzene-d5		6.3	63	23-120
2-Fluorobiphenyl		7.6	76	30-115
2,4,6-Tribromophenol		6.0	60	19-122
Terphenyl-d14		6.9	69	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-73	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	10
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS002	Percent Solids:	91
Data File Name:	SA04257	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3680	U	3.68
Phenol		550	10	10.0	333	3680	U	3.68
2-Chlorophenol		550	10	10.0	333	3680	U	3.68
1,3-Dichlorobenzene		330	10	10.0	333	3680	U	3.68
1,4-Dichlorobenzene		330	10	10.0	333	3680	U	3.68
1,2-Dichlorobenzene		330	10	10.0	333	3680	U	3.68
Benzyl Alcohol		330	10	10.0	333	3680	U	3.68
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3680	U	3.68
2-Methylphenol		550	10	10.0	333	3680	U	3.68
Hexachloroethane		330	10	10.0	333	3680	U	3.68
N-Nitroso-di-n-propylamine		330	10	10.0	333	3680	U	3.68
4-Methylphenol		550	10	10.0	333	3680	U	3.68
Nitrobenzene		330	10	10.0	333	3680	U	3.68
Isophorone		330	10	10.0	333	3680	U	3.68
2-Nitrophenol		550	10	10.0	333	3680	U	3.68
2,4-Dimethylphenol		550	10	10.0	333	3680	U	3.68
bis (2-Chloroethoxy) methane		330	10	10.0	333	3680	U	3.68
2,4-Dichlorophenol		550	10	10.0	333	3680	U	3.68
Benzoic Acid		330	10	10.0	333	3680	U	3.68
1,2,4-Trichlorobenzene		330	10	10.0	333	3680	U	3.68
Naphthalene		330	10	10.0	333	3680	U	3.68
4-Chloroaniline		330	10	10.0	333	3680	U	3.68
Hexachlorobutadiene		330	10	10.0	333	3680	U	3.68
4-Chloro-3-methylphenol		330	10	10.0	333	3680	U	3.68
2-Methylnaphthalene		330	10	10.0	333	3680	U	3.68
Hexachlorocyclopentadiene		330	10	10.0	333	3680	U	3.68
2,4,6-Trichlorophenol		550	10	10.0	333	3680	U	3.68
2,4,5-Trichlorophenol		550	10	10.0	333	3680	U	3.68
2-Chloronaphthalene		330	10	10.0	333	3680	U	3.68
2-Nitroaniline		330	10	10.0	333	3680	U	3.68
Acenaphthalene		330	10	10.0	333	3680	U	3.68
Dimethylphthalate		1500	10	10.0	333	3680	U	3.68
2,6-Dinitrotoluene		330	10	10.0	333	3680	U	3.68
3-Nitroaniline		330	10	10.0	333	3680	U	3.68
Acenaphthene		330	10	10.0	333	3680	U	3.68
2,4-Dinitrophenol		550	10	10.0	333	3680	U	3.68
Dibenzofuran		330	10	10.0	333	3680	U	3.68
2,4-Dinitrotoluene		330	10	10.0	333	3680	U	3.68
4-Nitrophenol		550	10	10.0	333	3680	U	3.68
Fluorene		550	10	10.0	333	3680	U	3.68
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3680	U	3.68
Diethylphthalate		1500	10	10.0	333	3680	U	3.68
4-Nitroaniline		330	10	10.0	333	3680	U	3.68
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3680	U	3.68
N-Nitrosodiphenylamine		330	10	10.0	333	3680	U	3.68
4-Bromophenyl-phenylether		330	10	10.0	333	3680	U	3.68
Hexachlorobenzene		330	10	10.0	333	3680	U	3.68
Pentachlorophenol		550	10	10.0	333	3680	U	3.68
Phenanthrene		330	10	10.0	333	3680	U	3.68
Anthracene		330	10	10.0	333	3680	U	3.68
Di-n-butylphthalate		1500	10	10.0	333	3680	U	3.68
Fluoranthene		330	10	10.0	333	3680	U	3.68
Pyrene		330	10	10.0	333	3680	U	3.68
Butylbenzylphthalate		1500	10	10.0	333	3680	U	3.68
3,3-Dichlorobenzidine		330	10	10.0	333	3680	U	3.68
Benzo (a) anthracene		330	10	10.0	333	3680	U	3.68
Chrysene		330	10	10.0	333	3680	U	3.68
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3680	U	3.68
Di-n-octylphthalate		1500	10	10.0	333	3680	U	3.68
Benzo (b) fluoranthene		330	10	10.0	333	3680	U	3.68
Benzo (k) fluoranthene		330	10	10.0	333	3680	U	3.68
Benzo (a) pyrene		330	10	10.0	333	3680	U	3.68
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3680	U	3.68
Dibenzo (a,h) anthracene		330	10	10.0	333	3680	U	3.68
Benzo (g,h,i) perylene		330	10	10.0	333	3680	U	3.68

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		0.2	2	25-121	*
Phenol-d6		0.4	4	24-113	*
Nitrobenzene-d5		0.5	5	23-120	*
2-Fluorobiphenyl		0.6	6	30-115	*
2,4,6-Tribromophenol		0.0	0	19-122	*
Terphenyl-d14		0.7	7	18-137	*

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: IS low. Re-run.

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-74	Prep Method 2.	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	51
Data File Name:	SA04258	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	6481	U	6.48
Phenol		550	24	24.4	814	15834		15.83
2-Chlorophenol		550	10	10.0	333	6481	U	6.48
1,3-Dichlorobenzene		330	10	10.0	333	6481	U	6.48
1,4-Dichlorobenzene		330	10	10.0	333	6481	U	6.48
1,2-Dichlorobenzene		330	10	10.0	333	6481	U	6.48
Benzyl Alcohol		330	10	10.0	333	6481	U	6.48
bis (2-Chloroisopropyl) ether		330	10	10.0	333	6481	U	6.48
2-Methylphenol		550	10	10.0	333	6481	U	6.48
Hexachloroethane		330	10	10.0	333	6481	U	6.48
N-Nitroso-di-n-propylamine		330	10	10.0	333	6481	U	6.48
4-Methylphenol		550	10	10.0	333	6481	U	6.48
Nitrobenzene		330	10	10.0	333	6481	U	6.48
Isophorone		330	10	10.0	333	6481	U	6.48
2-Nitrophenol		550	10	10.0	333	6481	U	6.48
2,4-Dimethylphenol		550	10	10.0	333	6481	U	6.48
bis (2-Chloroethoxy) methane		330	10	10.0	333	6481	U	6.48
2,4-Dichlorophenol		550	10	10.0	333	6481	U	6.48
Benzoic Acid		330	10	10.0	333	6481	U	6.48
1,2,4-Trichlorobenzene		330	10	10.0	333	6481	U	6.48
Naphthalene		330	10	10.0	333	6481	U	6.48
4-Chloroaniline		330	10	10.0	333	6481	U	6.48
Hexachlorobutadiene		330	10	10.0	333	6481	U	6.48
4-Chloro-3-methylphenol		330	10	10.0	333	6481	U	6.48
2-Methylnaphthalene		330	10	10.0	333	6481	U	6.48
Hexachlorocyclopentadiene		330	10	10.0	333	6481	U	6.48
2,4,6-Trichlorophenol		550	10	10.0	333	6481	U	6.48
2,4,5-Trichlorophenol		550	10	10.0	333	6481	U	6.48
2-Chloronaphthalene		330	10	10.0	333	6481	U	6.48
2-Nitroaniline		330	10	10.0	333	6481	U	6.48
Acenaphthalene		330	10	10.0	333	6481	U	6.48
Dimethylphthalate		1500	10	10.0	333	6481	U	6.48
2,6-Dinitrotoluene		330	10	10.0	333	6481	U	6.48
3-Nitroaniline		330	10	10.0	333	6481	U	6.48
Acenaphthene		330	10	10.0	333	6481	U	6.48
2,4-Dinitrophenol		550	10	10.0	333	6481	U	6.48
Dibenzofuran		330	10	10.0	333	6481	U	6.48
2,4-Dinitrotoluene		330	10	10.0	333	6481	U	6.48
4-Nitrophenol		550	10	10.0	333	6481	U	6.48
Fluorene		550	10	10.0	333	6481	U	6.48
4-Chlorophenyl-phenyl ether		330	10	10.0	333	6481	U	6.48
Diethylphthalate		1500	10	10.0	333	6481	U	6.48
4-Nitroaniline		330	10	10.0	333	6481	U	6.48
4,6-Dinitro-2-methylphenol		550	10	10.0	333	6481	U	6.48
N-Nitrosodiphenylamine		330	10	10.0	333	6481	U	6.48
4-Bromophenyl-phenylether		330	10	10.0	333	6481	U	6.48
Hexachlorobenzene		330	10	10.0	333	6481	U	6.48
Pentachlorophenol		550	10	10.0	333	6481	U	6.48
Phenanthrene		330	10	10.0	333	6481	U	6.48
Anthracene		330	10	10.0	333	6481	U	6.48
Di-n-butylphthalate		1500	10	10.0	333	6481	U	6.48
Fluoranthene		330	10	10.0	333	6481	U	6.48
Pyrene		330	10	10.0	333	6481	U	6.48
Butylbenzylphthalate		1500	10	10.0	333	6481	U	6.48
3,3-Dichlorobenzidine		330	10	10.0	333	6481	U	6.48
Benzo (a) anthracene		330	10	10.0	333	6481	U	6.48
Chrysene		330	10	10.0	333	6481	U	6.48
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	6481	U	6.48
Di-n-octylphthalate		1500	10	10.0	333	6481	U	6.48
Benzo (b) fluoranthene		330	10	10.0	333	6481	U	6.48
Benzo (k) fluoranthene		330	10	10.0	333	6481	U	6.48
Benzo (a) pyrene		330	10	10.0	333	6481	U	6.48
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	6481	U	6.48
Dibenzo (a,h) anthracene		330	10	10.0	333	6481	U	6.48
Benzo (g,h,i) perylene		330	10	10.0	333	6481	U	6.48

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.7	37	25-121
Phenol-d6		6.2	62	24-113
Nitrobenzene-d5		3.2	32	23-120
2-Fluorobiphenyl		7.6	76	30-115
2,4,6-Tribromophenol		7.7	77	19-122
Terphenyl-d14		7.5	75	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30
Lab Delivery Group.	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-05	Prep Method 1:	SW3050
Field Sample ID.	GCMS-Q-37	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	97
Data File Name:	SA04259	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3441	U	3.44
Phenol		550	10	10.0	333	3441	U	3.44
2-Chlorophenol		550	10	10.0	333	3441	U	3.44
1,3-Dichlorobenzene		330	10	10.0	333	3441	U	3.44
1,4-Dichlorobenzene		330	10	10.0	333	3441	U	3.44
1,2-Dichlorobenzene		330	10	10.0	333	3441	U	3.44
Benzyl Alcohol		330	10	10.0	333	3441	U	3.44
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3441	U	3.44
2-Methylphenol		550	10	10.0	333	3441	U	3.44
Hexachloroethane		330	10	10.0	333	3441	U	3.44
N-Nitroso-di-n-propylamine		330	10	10.0	333	3441	U	3.44
4-Methylphenol		550	10	10.0	333	3441	U	3.44
Nitrobenzene		330	10	10.0	333	3441	U	3.44
Isophorone		330	10	10.0	333	3441	U	3.44
2-Nitrophenol		550	10	10.0	333	3441	U	3.44
2,4-Dimethylphenol		550	10	10.0	333	3441	U	3.44
bis (2-Chloroethoxy) methane		330	10	10.0	333	3441	U	3.44
2,4-Dichlorophenol		550	10	10.0	333	3441	U	3.44
Benzoic Acid		330	10	10.0	333	3441	U	3.44
1,2,4-Trichlorobenzene		330	10	10.0	333	3441	U	3.44
Naphthalene		330	10	10.0	333	3441	U	3.44
4-Chloroaniline		330	10	10.0	333	3441	U	3.44
Hexachlorobutadiene		330	10	10.0	333	3441	U	3.44
4-Chloro-3-methylphenol		330	10	10.0	333	3441	U	3.44
2-Methylnaphthalene		330	10	10.0	333	3441	U	3.44
Hexachlorocyclopentadiene		330	10	10.0	333	3441	U	3.44
2,4,6-Trichlorophenol		550	10	10.0	333	3441	U	3.44
2,4,5-Trichlorophenol		550	10	10.0	333	3441	U	3.44
2-Chloronaphthalene		330	10	10.0	333	3441	U	3.44
2-Nitroaniline		330	10	10.0	333	3441	U	3.44
Acenaphthalene		330	10	10.0	333	3441	U	3.44
Dimethylphthalate		1500	10	10.0	333	3441	U	3.44
2,6-Dinitrotoluene		330	10	10.0	333	3441	U	3.44
3-Nitroaniline		330	10	10.0	333	3441	U	3.44
Acenaphthene		330	10	10.0	333	3441	U	3.44
2,4-Dinitrophenol		550	10	10.0	333	3441	U	3.44
Dibenzofuran		330	10	10.0	333	3441	U	3.44
2,4-Dinitrotoluene		330	10	10.0	333	3441	U	3.44
4-Nitrophenol		550	10	10.0	333	3441	U	3.44
Fluorene		550	10	10.0	333	3441	U	3.44
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3441	U	3.44
Diethylphthalate		1500	10	10.0	333	3441	U	3.44
4-Nitroaniline		330	10	10.0	333	3441	U	3.44
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3441	U	3.44
N-Nitrosodiphenylamine		330	10	10.0	333	3441	U	3.44
4-Bromophenyl-phenylether		330	10	10.0	333	3441	U	3.44
Hexachlorobenzene		330	10	10.0	333	3441	U	3.44
Pentachlorophenol		550	10	10.0	333	3441	U	3.44
Phenanthrene		330	10	10.0	333	3441	U	3.44
Anthracene		330	10	10.0	333	3441	U	3.44
Di-n-butylphthalate		1500	10	10.0	333	3441	U	3.44
Fluoranthene		330	10	10.0	333	3441	U	3.44
Pyrene		330	10	10.0	333	3441	U	3.44
Butylbenzylphthalate		1500	10	10.0	333	3441	U	3.44
3,3-Dichlorobenzidine		330	10	10.0	333	3441	U	3.44
Benzo (a) anthracene		330	10	10.0	333	3441	U	3.44
Chrysene		330	10	10.0	333	3441	U	3.44
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3441	U	3.44
Di-n-octylphthalate		1500	10	10.0	333	3441	U	3.44
Benzo (b) fluoranthene		330	10	10.0	333	3441	U	3.44
Benzo (k) fluoranthene		330	10	10.0	333	3441	U	3.44
Benzo (a) pyrene		330	10	10.0	333	3441	U	3.44
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3441	U	3.44
Dibenzo (a,h) anthracene		330	10	10.0	333	3441	U	3.44
Benzo (g,h,i) perylene		330	10	10.0	333	3441	U	3.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4.1	41	25-121
Phenol-d6		5.7	57	24-113
Nitrobenzene-d5		5.6	56	23-120
2-Fluorobiphenyl		7.2	72	30-115
2,4,6-Tribromophenol		6.4	64	19-122
Terphenyl-d14		6.9	69	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-06	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-38	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04279	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3862	U	3.86
Phenol		550	10	10.0	333	3862	U	3.86
2-Chlorophenol		550	10	10.0	333	3862	U	3.86
1,3-Dichlorobenzene		330	10	10.0	333	3862	U	3.86
1,4-Dichlorobenzene		330	**82**	**82.5**	**2749**	**31850**		**31.85**
1,2-Dichlorobenzene		330	**14**	**14.2**	**475**	**5500**		**5.50**
Benzyl Alcohol		330	10	10.0	333	3862	U	3.86
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3862	U	3.86
2-Methylphenol		550	10	10.0	333	3862	U	3.86
Hexachloroethane		330	10	10.0	333	3862	U	3.86
N-Nitroso-di-n-propylamine		330	10	10.0	333	3862	U	3.86
4-Methylphenol		550	10	10.0	333	3862	U	3.86
Nitrobenzene		330	10	10.0	333	3862	U	3.86
Isophorone		330	10	10.0	333	3862	U	3.86
2-Nitrophenol		550	10	10.0	333	3862	U	3.86
2,4-Dimethylphenol		550	10	10.0	333	3862	U	3.86
bis (2-Chloroethoxy) methane		330	10	10.0	333	3862	U	3.86
2,4-Dichlorophenol		550	10	10.0	333	3862	U	3.86
Benzoic Acid		330	10	10.0	333	3862	U	3.86
1,2,4-Trichlorobenzene		330	**36**	**35.6**	**1188**	**13762**		**13.76**
Naphthalene		330	10	10.0	333	3862	U	3.86
4-Chloroaniline		330	**68**	**68.0**	**2267**	**26273**		**26.27**
Hexachlorobutadiene		330	10	10.0	333	3862	U	3.86
4-Chloro-3-methylphenol		330	10	10.0	333	3862	U	3.86
2-Methylnaphthalene		330	10	10.0	333	3862	U	3.86
Hexachlorocyclopentadiene		330	10	10.0	333	3862	U	3.86
2,4,6-Trichlorophenol		550	10	10.0	333	3862	U	3.86
2,4,5-Trichlorophenol		550	10	10.0	333	3862	U	3.86
2-Chloronaphthalene		330	10	10.0	333	3862	U	3.86
2-Nitroaniline		330	10	10.0	333	3862	U	3.86
Acenaphthalene		330	10	10.0	333	3862	U	3.86
Dimethylphthalate		1500	10	10.0	333	3862	U	3.86
2,6-Dinitrotoluene		330	10	10.0	333	3862	U	3.86
3-Nitroaniline		330	10	10.0	333	3862	U	3.86
Acenaphthene		330	10	10.0	333	3862	U	3.86
2,4-Dinitrophenol		550	10	10.0	333	3862	U	3.86
Dibenzofuran		330	10	10.0	333	3862	U	3.86
2,4-Dinitrotoluene		330	10	10.0	333	3862	U	3.86
4-Nitrophenol		550	10	10.0	333	3862	U	3.86
Fluorene		550	10	10.0	333	3862	U	3.86
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3862	U	3.86
Diethylphthalate		1500	10	10.0	333	3862	U	3.86
4-Nitroaniline		330	10	10.0	333	3862	U	3.86
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3862	U	3.86
N-Nitrosodiphenylamine		330	10	10.0	333	3862	U	3.86
4-Bromophenyl-phenylether		330	10	10.0	333	3862	U	3.86
Hexachlorobenzene		330	10	10.0	333	3862	U	3.86
Pentachlorophenol		550	**7**	**6.8**	**226**	**2623**	**J**	**2.62**
Phenanthrene		330	10	10.0	333	3862	U	3.86
Anthracene		330	10	10.0	333	3862	U	3.86
Di-n-butylphthalate		1500	10	10.0	333	3862	U	3.86
Fluoranthene		330	10	10.0	333	3862	U	3.86
Pyrene		330	10	10.0	333	3862	U	3.86
Butylbenzylphthalate		*1500*	*10*	*10.0*	333	3862	U	*3.86*
3,3-Dichlorobenzidine		330	10	10.0	333	3862	U	3.86
Benzo (a) anthracene		330	10	10.0	333	3862	U	3.86
Chrysene		330	10	10.0	333	3862	U	3.86
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3862	U	3.86
Di-n-octylphthalate		1500	10	10.0	333	3862	U	3.86
Benzo (b) fluoranthene		330	10	10.0	333	3862	U	3.86
Benzo (k) fluoranthene		330	10	10.0	333	3862	U	3.86
Benzo (a) pyrene		330	10	10.0	333	3862	U	3.86
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3862	U	3.86
Dibenzo (a,h) anthracene		330	10	10.0	333	3862	U	3.86
Benzo (g,h,i) perylene		330	10	10.0	333	3862	U	3.86

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.0	0	25-121
Phenol-d6		5.5	55	24-113
Nitrobenzene-d5		5.6	56	23-120
2-Fluorobiphenyl		6.4	64	30-115
2,4,6-Tribromophenol		5.9	59	19-122
Terphenyl-d14		*6.0*	*60*	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-43	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04280	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3867	U	3.87
Phenol		550	10	10.0	333	3867	U	3.87
2-Chlorophenol		550	10	10.0	333	3867	U	3.87
1,3-Dichlorobenzene		330	10	10.0	333	3867	U	3.87
1,4-Dichlorobenzene		330	10	10.0	333	3867	U	3.87
1,2-Dichlorobenzene		330	10	10.0	333	3867	U	3.87
Benzyl Alcohol		330	10	10.0	333	3867	U	3.87
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3867	U	3.87
2-Methylphenol		550	10	10.0	333	3867	U	3.87
Hexachloroethane		330	10	10.0	333	3867	U	3.87
N-Nitroso-di-n-propylamine		330	10	10.0	333	3867	U	3.87
4-Methylphenol		550	10	10.0	333	3867	U	3.87
Nitrobenzene		330	10	10.0	333	3867	U	3.87
Isophorone		330	10	10.0	333	3867	U	3.87
2-Nitrophenol		550	10	10.0	333	3867	U	3.87
2,4-Dimethylphenol		550	10	10.0	333	3867	U	3.87
bis (2-Chloroethoxy) methane		330	10	10.0	333	3867	U	3.87
2,4-Dichlorophenol		550	10	10.0	333	3867	U	3.87
Benzoic Acid		330	10	10.0	333	3867	U	3.87
1,2,4-Trichlorobenzene		330	10	10.0	333	3867	U	3.87
Naphthalene		330	10	10.0	333	3867	U	3.87
4-Chloroaniline		330	10	10.0	333	3867	U	3.87
Hexachlorobutadiene		330	10	10.0	333	3867	U	3.87
4-Chloro-3-methylphenol		330	10	10.0	333	3867	U	3.87
2-Methylnaphthalene		330	10	10.0	333	3867	U	3.87
Hexachlorocyclopentadiene		330	10	10.0	333	3867	U	3.87
2,4,6-Trichlorophenol		550	10	10.0	333	3867	U	3.87
2,4,5-Trichlorophenol		550	10	10.0	333	3867	U	3.87
2-Chloronaphthalene		330	10	10.0	333	3867	U	3.87
2-Nitroaniline		330	10	10.0	333	3867	U	3.87
Acenaphthalene		330	10	10.0	333	3867	U	3.87
Dimethylphthalate		1500	10	10.0	333	3867	U	3.87
2,6-Dinitrotoluene		330	10	10.0	333	3867	U	3.87
3-Nitroaniline		330	10	10.0	333	3867	U	3.87
Acenaphthene		330	10	10.0	333	3867	U	3.87
2,4-Dinitrophenol		550	10	10.0	333	3867	U	3.87
Dibenzofuran		330	10	10.0	333	3867	U	3.87
2,4-Dinitrotoluene		330	10	10.0	333	3867	U	3.87
4-Nitrophenol		550	10	10.0	333	3867	U	3.87
Fluorene		550	10	10.0	333	3867	U	3.87
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3867	U	3.87
Diethylphthalate		1500	10	10.0	333	3867	U	3.87
4-Nitroaniline		330	10	10.0	333	3867	U	3.87
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3867	U	3.87
N-Nitrosodiphenylamine		330	10	10.0	333	3867	U	3.87
4-Bromophenyl-phenylether		330	10	10.0	333	3867	U	3.87
Hexachlorobenzene		330	10	10.0	333	3867	U	3.87
Pentachlorophenol		550	10	10.0	333	3867	U	3.87
Phenanthrene		330	8	7.9	262	3035	J	3.04
Anthracene		330	10	10.0	333	3867	U	3.87
Di-n-butylphthalate		1500	10	10.0	333	3867	U	3.87
Fluoranthene		330	15	14.7	490	5684		5.68
Pyrene		330	14	14.1	469	5440		5.44
Butylbenzylphthalate		1500	10	10.0	333	3867	U	3.87
3,3-Dichlorobenzidine		330	10	10.0	333	3867	U	3.87
Benzo (a) anthracene		330	9	9.1	304	3526	J	3.53
Chrysene		330	11	11.1	371	4307		4.31
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3867	U	3.87
Di-n-octylphthalate		1500	10	10.0	333	3867	U	3.87
Benzo (b) fluoranthene		330	10	10.3	342	3967	U	3.97
Benzo (k) fluoranthene		330	10	10.0	333	3867	U	3.87
Benzo (a) pyrene		330	7	6.8	226	2618	J	2.62
Indeno (1,2,3-cd) pyrene		330	6	5.6	186	2154	J	2.15
Dibenzo (a,h) anthracene		330	10	10.0	333	3867	U	3.87
Benzo (g,h,i) perylene		330	10	10.0	333	3867	U	3.87

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5.0	50	25-121
Phenol-d6		6.2	62	24-113
Nitrobenzene-d5		6.7	67	23-120
2-Fluorobiphenyl		8.4	84	30-115
2,4,6-Tribromophenol		6.6	66	19-122
Terphenyl-d14		7.6	76	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.8
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-08	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-42	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type.	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	87
Data File Name	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.7	325	3751	U	3.75
Phenol		550	10	9.7	325	3751	U	3.75
2-Chlorophenol		550	10	9.7	325	3751	U	3.75
1,3-Dichlorobenzene		330	10	9.7	325	3751	U	3.75
1,4-Dichlorobenzene		330	10	9.7	325	3751	U	3.75
1,2-Dichlorobenzene		330	10	9.7	325	3751	U	3.75
Benzyl Alcohol		330	10	9.7	325	3751	U	3.75
bis (2-Chloroisopropyl) ether		330	10	9.7	325	3751	U	3.75
2-Methylphenol		550	10	9.7	325	3751	U	3.75
Hexachloroethane		330	10	9.7	325	3751	U	3.75
N-Nitroso-di-n-propylamine		330	10	9.7	325	3751	U	3.75
4-Methylphenol		550	10	9.7	325	3751	U	3.75
Nitrobenzene		330	10	9.7	325	3751	U	3.75
Isophorone		330	10	9.7	325	3751	U	3.75
2-Nitrophenol		550	10	9.7	325	3751	U	3.75
2,4-Dimethylphenol		550	10	9.7	325	3751	U	3.75
bis (2-Chloroethoxy) methane		330	10	9.7	325	3751	U	3.75
2,4-Dichlorophenol		550	10	9.7	325	3751	U	3.75
Benzoic Acid		330	10	9.7	325	3751	U	3.75
1,2,4-Trichlorobenzene		330	10	9.7	325	3751	U	3.75
Naphthalene		330	10	9.7	325	3751	U	3.75
4-Chloroaniline		330	10	9.7	325	3751	U	3.75
Hexachlorobutadiene		330	10	9.7	325	3751	U	3.75
4-Chloro-3-methylphenol		330	10	9.7	325	3751	U	3.75
2-Methylnaphthalene		330	10	9.7	325	3751	U	3.75
Hexachlorocyclopentadiene		330	10	9.7	325	3751	U	3.75
2,4,6-Trichlorophenol		550	10	9.7	325	3751	U	3.75
2,4,5-Trichlorophenol		550	10	9.7	325	3751	U	3.75
2-Chloronaphthalene		330	10	9.7	325	3751	U	3.75
2-Nitroaniline		330	10	9.7	325	3751	U	3.75
Acenaphthalene		330	10	9.7	325	3751	U	3.75
Dimethylphthalate		1500	10	9.7	325	3751	U	3.75
2,6-Dinitrotoluene		330	10	9.7	325	3751	U	3.75
3-Nitroaniline		330	10	9.7	325	3751	U	3.75
Acenaphthene		330	10	9.7	325	3751	U	3.75
2,4-Dinitrophenol		550	10	9.7	325	3751	U	3.75
Dibenzofuran		330	10	9.7	325	3751	U	3.75
2,4-Dinitrotoluene		330	10	9.7	325	3751	U	3.75
4-Nitrophenol		550	10	9.7	325	3751	U	3.75
Fluorene		550	10	9.7	325	3751	U	3.75
4-Chlorophenyl-phenyl ether		330	10	9.7	325	3751	U	3.75
Diethylphthalate		1500	10	9.7	325	3751	U	3.75
4-Nitroaniline		330	10	9.7	325	3751	U	3.75
4,6-Dinitro-2-methylphenol		550	10	9.7	325	3751	U	3.75
N-Nitrosodiphenylamine		330	10	9.7	325	3751	U	3.75
4-Bromophenyl-phenylether		330	10	9.7	325	3751	U	3.75
Hexachlorobenzene		330	10	9.7	325	3751	U	3.75
Pentachlorophenol		550	10	9.7	325	3751	U	3.75
Phenanthrene		**330**	**8**	**8.1**	**271**	**3136**	**J**	**3.14**
Anthracene		330	10	9.7	325	3751	U	3.75
Di-n-butylphthalate		1500	10	9.7	325	3751	U	3.75
Fluoranthene		**330**	**16**	**15.8**	**526**	**6073**		**6.07**
Pyrene		**330**	**15**	**14.3**	**475**	**#VALUE!**		**#VALUE!**
Butylbenzylphthalate		1500	10	9.7	325	3751	U	3.75
3,3-Dichlorobenzidine		330	10	9.7	325	3751	U	3.75
Benzo (a) anthracene		330	10	9.7	325	3751	U	3.75
Chrysene		330	10	9.7	325	3751	U	3.75
bis (2-Ethylhexyl) phthalate		1500	10	9.7	325	3751	U	3.75
Di-n-octylphthalate		1500	10	9.7	325	3751	U	3.75
Benzo (b) fluoranthene		330	10	9.7	325	3751	U	3.75
Benzo (k) fluoranthene		330	10	9.7	325	3751	U	3.75
Benzo (a) pyrene		330	10	9.7	325	3751	U	3.75
Indeno (1,2,3-cd) pyrene		330	10	9.7	325	3751	U	3.75
Dibenzo (a,h) anthracene		330	10	9.7	325	3751	U	3.75
Benzo (g,h,i) perylene		330	10	9.7	325	3751	U	3.75

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.0	0	25-121
Phenol-d6		6.7	67	24-113
Nitrobenzene-d5		7.8	78	23-120
2-Fluorobiphenyl		9.8	98	30-115
2,4,6-Tribromophenol		7.7	77	19-122
Terphenyl-d14		8.8	88	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-09	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-27	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS002	Percent Solids	64
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	520	U	0.52
Phenol		550	10	10.0	333	520	U	0.52
2-Chlorophenol		550	10	10.0	333	520	U	0.52
1,3-Dichlorobenzene		330	10	10.0	333	520	U	0.52
1,4-Dichlorobenzene		330	10	10.0	333	520	U	0.52
1,2-Dichlorobenzene		330	10	10.0	333	520	U	0.52
Benzyl Alcohol		330	10	10.0	333	520	U	0.52
bis (2-Chloroisopropyl) ether		330	10	10.0	333	520	U	0.52
2-Methylphenol		550	10	10.0	333	520	U	0.52
Hexachloroethane		330	10	10.0	333	520	U	0.52
N-Nitroso-di-n-propylamine		330	10	10.0	333	520	U	0.52
4-Methylphenol		550	10	10.0	333	520	U	0.52
Nitrobenzene		330	10	10.0	333	520	U	0.52
Isophorone		330	10	10.0	333	520	U	0.52
2-Nitrophenol		550	10	10.0	333	520	U	0.52
2,4-Dimethylphenol		550	10	10.0	333	520	U	0.52
bis (2-Chloroethoxy) methane		330	10	10.0	333	520	U	0.52
2,4-Dichlorophenol		550	10	10.0	333	520	U	0.52
Benzoic Acid		330	10	10.0	333	520	U	0.52
1,2,4-Trichlorobenzene		330	10	10.0	333	520	U	0.52
Naphthalene		330	10	10.0	333	520	U	0.52
4-Chloroaniline		330	10	10.0	333	520	U	0.52
Hexachlorobutadiene		330	10	10.0	333	520	U	0.52
4-Chloro-3-methylphenol		330	10	10.0	333	520	U	0.52
2-Methylnaphthalene		330	10	10.0	333	520	U	0.52
Hexachlorocyclopentadiene		330	10	10.0	333	520	U	0.52
2,4,6-Trichlorophenol		550	10	10.0	333	520	U	0.52
2,4,5-Trichlorophenol		550	10	10.0	333	520	U	0.52
2-Chloronaphthalene		330	10	10.0	333	520	U	0.52
2-Nitroaniline		330	10	10.0	333	520	U	0.52
Acenaphthalene		330	10	10.0	333	520	U	0.52
Dimethylphthalate		1500	10	10.0	333	520	U	0.52
2,6-Dinitrotoluene		330	10	10.0	333	520	U	0.52
3-Nitroaniline		330	10	10.0	333	520	U	0.52
Acenaphthene		330	10	10.0	333	520	U	0.52
2,4-Dinitrophenol		550	10	10.0	333	520	U	0.52
Dibenzofuran		330	10	10.0	333	520	U	0.52
2,4-Dinitrotoluene		330	10	10.0	333	520	U	0.52
4-Nitrophenol		550	10	10.0	333	520	U	0.52
Fluorene		550	10	10.0	333	520	U	0.52
4-Chlorophenyl-phenyl ether		330	10	10.0	333	520	U	0.52
Diethylphthalate		1500	10	10.0	333	520	U	0.52
4-Nitroaniline		330	10	10.0	333	520	U	0.52
4,6-Dinitro-2-methylphenol		550	10	10.0	333	520	U	0.52
N-Nitrosodiphenylamine		330	10	10.0	333	520	U	0.52
4-Bromophenyl-phenylether		330	10	10.0	333	520	U	0.52
Hexachlorobenzene		330	10	10.0	333	520	U	0.52
Pentachlorophenol		550	10	10.0	333	520	U	0.52
Phenanthrene		330	10	10.0	333	520	U	0.52
Anthracene		330	10	10.0	333	520	U	0.52
Di-n-butylphthalate		1500	10	10.0	333	520	U	0.52
Fluoranthene		330	10	10.0	333	520	U	0.52
Pyrene		330	10	10.0	333	520	U	0.52
Butylbenzylphthalate		1500	10	10.0	333	520	U	0.52
3,3-Dichlorobenzidine		330	10	10.0	333	520	U	0.52
Benzo (a) anthracene		330	10	10.0	333	520	U	0.52
Chrysene		330	10	10.0	333	520	U	0.52
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	520	U	0.52
Di-n-octylphthalate		1500	10	10.0	333	520	U	0.52
Benzo (b) fluoranthene		330	10	10.0	333	520	U	0.52
Benzo (k) fluoranthene		330	10	10.0	333	520	U	0.52
Benzo (a) pyrene		330	10	10.0	333	520	U	0.52
Indeno (1 2,3-cd) pyrene		330	10	10.0	333	520	U	0.52
Dibenzo (a,h) anthracene		330	10	10.0	333	520	U	0.52
Benzo (g,h,i) perylene		330	10	10.0	333	520	U	0.52

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43.6	44	25-121
Phenol-d6		50.6	51	24-113
Nitrobenzene-d5		71.7	72	23-120
2-Fluorobiphenyl		81.9	82	30-115
2,4,6-Tribromophenol		76.2	76	19-122
Terphenyl-d14		69.0	69	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-33	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date	11/08/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids	80
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	419	U	0.42
Phenol		550	10	10.0	333	419	U	0.42
2-Chlorophenol		550	10	10.0	333	419	U	0.42
1,3-Dichlorobenzene		330	10	10.0	333	419	U	0.42
1,4-Dichlorobenzene		330	10	10.0	333	419	U	0.42
1,2-Dichlorobenzene		330	10	10.0	333	419	U	0.42
Benzyl Alcohol		330	10	10.0	333	419	U	0.42
bis (2-Chloroisopropyl) ether		330	10	10.0	333	419	U	0.42
2-Methylphenol		550	10	10.0	333	419	U	0.42
Hexachloroethane		330	10	10.0	333	419	U	0.42
N-Nitroso-di-n-propylamine		330	10	10.0	333	419	U	0.42
4-Methylphenol		550	10	10.0	333	419	U	0.42
Nitrobenzene		330	10	10.0	333	419	U	0.42
Isophorone		330	10	10.0	333	419	U	0.42
2-Nitrophenol		550	10	10.0	333	419	U	0.42
2,4-Dimethylphenol		550	10	10.0	333	419	U	0.42
bis (2-Chloroethoxy) methane		330	10	10.0	333	419	U	0.42
2,4-Dichlorophenol		550	10	10.0	333	419	U	0.42
Benzoic Acid		330	10	10.0	333	419	U	0.42
1,2,4-Trichlorobenzene		330	10	10.0	333	419	U	0.42
Naphthalene		330	10	10.0	333	419	U	0.42
4-Chloroaniline		330	10	10.0	333	419	U	0.42
Hexachlorobutadiene		330	10	10.0	333	419	U	0.42
4-Chloro-3-methylphenol		330	10	10.0	333	419	U	0.42
2-Methylnaphthalene		330	10	10.0	333	419	U	0.42
Hexachlorocyclopentadiene		330	10	10.0	333	419	U	0.42
2,4,6-Trichlorophenol		550	10	10.0	333	419	U	0.42
2,4,5-Trichlorophenol		550	10	10.0	333	419	U	0.42
2-Chloronaphthalene		330	10	10.0	333	419	U	0.42
2-Nitroaniline		330	10	10.0	333	419	U	0.42
Acenaphthalene		330	10	10.0	333	419	U	0.42
Dimethylphthalate		1500	10	10.0	333	419	U	0.42
2,6-Dinitrotoluene		330	10	10.0	333	419	U	0.42
3-Nitroaniline		330	10	10.0	333	419	U	0.42
Acenaphthene		330	10	10.0	333	419	U	0.42
2,4-Dinitrophenol		550	10	10.0	333	419	U	0.42
Dibenzofuran		330	10	10.0	333	419	U	0.42
2,4-Dinitrotoluene		330	10	10.0	333	419	U	0.42
4-Nitrophenol		550	10	10.0	333	419	U	0.42
Fluorene		550	10	10.0	333	419	U	0.42
4-Chlorophenyl-phenyl ether		330	10	10.0	333	419	U	0.42
Diethylphthalate		1500	10	10.0	333	419	U	0.42
4-Nitroaniline		330	10	10.0	333	419	U	0.42
4,6-Dinitro-2-methylphenol		550	10	10.0	333	419	U	0.42
N-Nitrosodiphenylamine		330	10	10.0	333	419	U	0.42
4-Bromophenyl-phenylether		330	10	10.0	333	419	U	0.42
Hexachlorobenzene		330	10	10.0	333	419	U	0.42
Pentachlorophenol		550	10	10.0	333	419	U	0.42
Phenanthrene		330	10	10.0	333	419	U	0.42
Anthracene		330	10	10.0	333	419	U	0.42
Di-n-butylphthalate		1500	10	10.0	333	419	U	0.42
Fluoranthene		330	10	10.0	333	419	U	0.42
Pyrene		330	10	10.0	333	419	U	0.42
Butylbenzylphthalate		1500	10	10.0	333	419	U	0.42
3,3-Dichlorobenzidine		330	10	10.0	333	419	U	0.42
Benzo (a) anthracene		330	10	10.0	333	419	U	0.42
Chrysene		330	10	10.0	333	419	U	0.42
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	419	U	0.42
Di-n-octylphthalate		1500	10	10.0	333	419	U	0.42
Benzo (b) fluoranthene		330	10	10.0	333	419	U	0.42
Benzo (k) fluoranthene		330	10	10.0	333	419	U	0.42
Benzo (a) pyrene		330	10	10.0	333	419	U	0.42
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	419	U	0.42
Dibenzo (a,h) anthracene		330	10	10.0	333	419	U	0.42
Benzo (g,h,i) perylene		330	10	10.0	333	419	U	0.42

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		27.6	28	25-121
Phenol-d5		34.6	35	24-113
Nitrobenzene-d5		60.1	60	23-120
2-Fluorobiphenyl		72.7	73	30-115
2,4,6-Tribromophenol		66.1	66	19-122
Terphenyl-d14		67.6	68	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-11	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-34	Prep Method 2:	
Date Sample Collected	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type.	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number	QCS002	Percent Solids:	88
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	380	U	0.38
Phenol		550	10	10.0	333	380	U	0.38
2-Chlorophenol		550	10	10.0	333	380	U	0.38
1,3-Dichlorobenzene		330	10	10.0	333	380	U	0.38
1,4-Dichlorobenzene		330	10	10.0	333	380	U	0.38
1,2-Dichlorobenzene		330	10	10.0	333	380	U	0.38
Benzyl Alcohol		330	10	10.0	333	380	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10.0	333	380	U	0.38
2-Methylphenol		550	10	10.0	333	380	U	0.38
Hexachloroethane		330	10	10.0	333	380	U	0.38
N-Nitroso-di-n-propylamine		330	10	10.0	333	380	U	0.38
4-Methylphenol		550	10	10.0	333	380	U	0.38
Nitrobenzene		330	10	10.0	333	380	U	0.38
Isophorone		330	10	10.0	333	380	U	0.38
2-Nitrophenol		550	10	10.0	333	380	U	0.38
2,4-Dimethylphenol		550	10	10.0	333	380	U	0.38
bis (2-Chloroethoxy) methane		330	10	10.0	333	380	U	0.38
2,4-Dichlorophenol		550	10	10.0	333	380	U	0.38
Benzoic Acid		330	10	10.0	333	380	U	0.38
1,2,4-Trichlorobenzene		330	10	10.0	333	380	U	0.38
Naphthalene		330	10	10.0	333	380	U	0.38
4-Chloroaniline		330	10	10.0	333	380	U	0.38
Hexachlorobutadiene		330	10	10.0	333	380	U	0.38
4-Chloro-3-methylphenol		330	10	10.0	333	380	U	0.38
2-Methylnaphthalene		330	10	10.0	333	380	U	0.38
Hexachlorocyclopentadiene		330	10	10.0	333	380	U	0.38
2,4,6-Trichlorophenol		550	10	10.0	333	380	U	0.38
2,4,5-Trichlorophenol		550	10	10.0	333	380	U	0.38
2-Chloronaphthalene		330	10	10.0	333	380	U	0.38
2-Nitroaniline		330	10	10.0	333	380	U	0.38
Acenaphthalene		330	10	10.0	333	380	U	0.38
Dimethylphthalate		1500	10	10.0	333	380	U	0.38
2,6-Dinitrotoluene		330	10	10.0	333	380	U	0.38
3-Nitroaniline		330	10	10.0	333	380	U	0.38
Acenaphthene		330	10	10.0	333	380	U	0.38
2,4-Dinitrophenol		550	10	10.0	333	380	U	0.38
Dibenzofuran		330	10	10.0	333	380	U	0.38
2,4-Dinitrotoluene		330	10	10.0	333	380	U	0.38
4-Nitrophenol		550	10	10.0	333	380	U	0.38
Fluorene		550	10	10.0	333	380	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10.0	333	380	U	0.38
Diethylphthalate		1500	10	10.0	333	380	U	0.38
4-Nitroaniline		330	10	10.0	333	380	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10.0	333	380	U	0.38
N-Nitrosodiphenylamine		330	10	10.0	333	380	U	0.38
4-Bromophenyl-phenylether		330	10	10.0	333	380	U	0.38
Hexachlorobenzene		330	10	10.0	333	380	U	0.38
Pentachlorophenol		550	10	10.0	333	380	U	0.38
Phenanthrene		330	10	10.0	333	380	U	0.38
Anthracene		330	10	10.0	333	380	U	0.38
Di-n-butylphthalate		1500	10	10.0	333	380	U	0.38
Fluoranthene		330	10	10.0	333	380	U	0.38
Pyrene		330	10	10.0	333	380	U	0.38
Butylbenzylphthalate		1500	10	10.0	333	380	U	0.38
3,3-Dichlorobenzidine		330	10	10.0	333	380	U	0.38
Benzo (a) anthracene		330	10	10.0	333	380	U	0.38
Chrysene		330	10	10.0	333	380	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	380	U	0.38
Di-n-octylphthalate		1500	10	10.0	333	380	U	0.38
Benzo (b) fluoranthene		330	10	10.0	333	380	U	0.38
Benzo (k) fluoranthene		330	10	10.0	333	380	U	0.38
Benzo (a) pyrene		330	10	10.0	333	380	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	380	U	0.38
Dibenzo (a,h) anthracene		330	10	10.0	333	380	U	0.38
Benzo (g,h,i) perylene		330	10	10.0	333	380	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		41.5	42	25-121
Phenol-d6		50.4	50	24-113
Nitrobenzene-d5		65.4	65	23-120
2-Fluorobiphenyl		75.6	76	30-115
2,4,6-Tribromophenol		69.8	70	19-122
Terphenyl-d14		92.0	92	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-12	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-41	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	78
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chorethyl)ether		330	10	10.0	333	425	U	0.43
Phenol		550	10	10.0	333	425	U	0.43
2-Chlorophenol		550	10	10.0	333	425	U	0.43
1,3-Dichlorobenzene		330	10	10.0	333	425	U	0.43
1,4-Dichlorobenzene		330	10	10.0	333	425	U	0.43
1,2-Dichlorobenzene		330	10	10.0	333	425	U	0.43
Benzyl Alcohol		330	10	10.0	333	425	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10.0	333	425	U	0.43
2-Methylphenol		550	10	10.0	333	425	U	0.43
Hexachloroethane		330	10	10.0	333	425	U	0.43
N-Nitroso-di-n-propylamine		330	10	10.0	333	425	U	0.43
4-Methylphenol		550	10	10.0	333	425	U	0.43
Nitrobenzene		330	10	10.0	333	425	U	0.43
Isophorone		330	10	10.0	333	425	U	0.43
2-Nitrophenol		550	10	10.0	333	425	U	0.43
2,4-Dimethylphenol		550	10	10.0	333	425	U	0.43
bis (2-Chloroethoxy) methane		330	10	10.0	333	425	U	0.43
2,4-Dichlorophenol		550	10	10.0	333	425	U	0.43
Benzoic Acid		330	10	10.0	333	425	U	0.43
1,2,4-Trichlorobenzene		330	10	10.0	333	425	U	0.43
Naphthalene		330	10	10.0	333	425	U	0.43
4-Chloroaniline		330	10	10.0	333	425	U	0.43
Hexachlorobutadiene		330	10	10.0	333	425	U	0.43
4-Chloro-3-methylphenol		330	10	10.0	333	425	U	0.43
2-Methylnaphthalene		330	10	10.0	333	425	U	0.43
Hexachlorocyclopentadiene		330	10	10.0	333	425	U	0.43
2,4,6-Trichlorophenol		550	10	10.0	333	425	U	0.43
2,4,5-Trichlorophenol		550	10	10.0	333	425	U	0.43
2-Chloronaphthalene		330	10	10.0	333	425	U	0.43
2-Nitroaniline		330	10	10.0	333	425	U	0.43
Acenaphthalene		330	10	10.0	333	425	U	0.43
Dimethylphthalate		1500	10	10.0	333	425	U	0.43
2,6-Dinitrotoluene		330	10	10.0	333	425	U	0.43
3-Nitroaniline		330	10	10.0	333	425	U	0.43
Acenaphthene		330	10	10.0	333	425	U	0.43
2,4-Dinitrophenol		550	10	10.0	333	425	U	0.43
Dibenzofuran		330	10	10.0	333	425	U	0.43
2,4-Dinitrotoluene		330	10	10.0	333	425	U	0.43
4-Nitrophenol		550	10	10.0	333	425	U	0.43
Fluorene		550	10	10.0	333	425	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10.0	333	425	U	0.43
Diethylphthalate		1500	10	10.0	333	425	U	0.43
4-Nitroaniline		330	10	10.0	333	425	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10.0	333	425	U	0.43
N-Nitrosodiphenylamine		330	10	10.0	333	425	U	0.43
4-Bromophenyl-phenylether		330	10	10.0	333	425	U	0.43
Hexachlorobenzene		330	10	10.0	333	425	U	0.43
Pentachlorophenol		550	10	10.0	333	425	U	0.43
Phenanthrene		330	13	12.5	417	531		0.53
Anthracene		330	10	10.0	333	425	U	0.43
Di-n-butylphthalate		1500	10	10.0	333	425	U	0.43
Fluoranthene		330	15	14.6	486	620		0.62
Pyrene		330	17	17.1	569	726		0.73
Butylbenzylphthalate		1500	10	10.0	333	425	U	0.43
3,3-Dichlorobenzidine		330	10	10.0	333	425	U	0.43
Benzo (a) anthracene		330	12	11.6	388	495		0.49
Chrysene		330	12	11.8	394	502		0.50
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	425	U	0.43
Di-n-octylphthalate		1500	10	10.0	333	425	U	0.43
Benzo (b) fluoranthene		330	6	5.7	188	240	J	0.24
Benzo (k) fluoranthene		330	10	10.0	333	425	U	0.43
Benzo (a) pyrene		330	10	10.0	333	425	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	425	U	0.43
Dibenzo (a,h) anthracene		330	10	10.0	333	425	U	0.43
Benzo (g,h,i) perylene		330	10	10.0	333	425	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56.7	57	25-121
Phenol-d5		71.6	72	24-113
Nitrobenzene-d5		73.9	74	23-120
2-Fluorobiphenyl		84.0	84	30-115
2,4,6-Tribromophenol		83.3	83	19-122
Terphenyl-d14		106.2	106	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount.	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-13	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-28	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date.	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS002	Percent Solids:	88
Data File Name:	SA04281	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	380	U	0.38
Phenol		550	10	10.0	333	380	U	0.38
2-Chlorophenol		550	10	10.0	333	380	U	0.38
1,3-Dichlorobenzene		330	10	10.0	333	380	U	0.38
1,4-Dichlorobenzene		330	10	10.0	333	380	U	0.38
1,2-Dichlorobenzene		330	10	10.0	333	380	U	0.38
Benzyl Alcohol		330	10	10.0	333	380	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10.0	333	380	U	0.38
2-Methylphenol		550	10	10.0	333	380	U	0.38
Hexachloroethane		330	10	10.0	333	380	U	0.38
N-Nitroso-di-n-propylamine		330	10	10.0	333	380	U	0.38
4-Methylphenol		550	10	10.0	333	380	U	0.38
Nitrobenzene		330	10	10.0	333	380	U	0.38
Isophorone		330	10	10.0	333	380	U	0.38
2-Nitrophenol		550	10	10.0	333	380	U	0.38
2,4-Dimethylphenol		550	10	10.0	333	380	U	0.38
bis (2-Chloroethoxy) methane		330	10	10.0	333	380	U	0.38
2,4-Dichlorophenol		550	10	10.0	333	380	U	0.38
Benzoic Acid		330	10	10.0	333	380	U	0.38
1,2,4-Trichlorobenzene		330	10	10.0	333	380	U	0.38
Naphthalene		330	10	10.0	333	380	U	0.38
4-Chloroaniline		330	10	10.0	333	380	U	0.38
Hexachlorobutadiene		330	10	10.0	333	380	U	0.38
4-Chloro-3-methylphenol		330	10	10.0	333	380	U	0.38
2-Methylnaphthalene		330	10	10.0	333	380	U	0.38
Hexachlorocyclopentadiene		330	10	10.0	333	380	U	0.38
2,4,6-Trichlorophenol		550	10	10.0	333	380	U	0.38
2,4,5-Trichlorophenol		550	10	10.0	333	380	U	0.38
2-Chloronaphthalene		330	10	10.0	333	380	U	0.38
2-Nitroaniline		330	10	10.0	333	380	U	0.38
Acenaphthalene		330	10	10.0	333	380	U	0.38
Dimethylphthalate		1500	10	10.0	333	380	U	0.38
2,6-Dinitrotoluene		330	10	10.0	333	380	U	0.38
3-Nitroaniline		330	10	10.0	333	380	U	0.38
Acenaphthene		330	10	10.0	333	380	U	0.38
2,4-Dinitrophenol		550	10	10.0	333	380	U	0.38
Dibenzofuran		330	10	10.0	333	380	U	0.38
2,4-Dinitrotoluene		330	10	10.0	333	380	U	0.38
4-Nitrophenol		550	10	10.0	333	380	U	0.38
Fluorene		550	10	10.0	333	380	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10.0	333	380	U	0.38
Diethylphthalate		1500	10	10.0	333	380	U	0.38
4-Nitroaniline		330	10	10.0	333	380	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10.0	333	380	U	0.38
N-Nitrosodiphenylamine		330	10	10.0	333	380	U	0.38
4-Bromophenyl-phenylether		330	10	10.0	333	380	U	0.38
Hexachlorobenzene		330	10	10.0	333	380	U	0.38
Pentachlorophenol		550	10	10.0	333	380	U	0.38
Phenanthrene		330	10	10.0	333	380	U	0.38
Anthracene		330	10	10.0	333	380	U	0.38
Di-n-butylphthalate		1500	10	10.0	333	380	U	0.38
Fluoranthene		330	10	10.0	333	380	U	0.38
Pyrene		330	10	10.0	333	380	U	0.38
Butylbenzylphthalate		1500	10	10.0	333	380	U	0.38
3,3-Dichlorobenzidine		330	10	10.0	333	380	U	0.38
Benzo (a) anthracene		330	10	10.0	333	380	U	0.38
Chrysene		330	10	10.0	333	380	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	380	U	0.38
Di-n-octylphthalate		1500	10	10.0	333	380	U	0.38
Benzo (b) fluoranthene		330	10	10.0	333	380	U	0.38
Benzo (k) fluoranthene		330	10	10.0	333	380	U	0.38
Benzo (a) pyrene		330	10	10.0	333	380	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	380	U	0.38
Dibenzo (a,h) anthracene		330	10	10.0	333	380	U	0.38
Benzo (g,h,i) perylene		330	10	10.0	333	380	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		36.8	37	25-121
Phenol-d6		46.4	46	24-113
Nitrobenzene-d5		59.0	59	23-120
2-Fluorobiphenyl		69.5	69	30-115
2,4,6-Tribromophenol		53.6	54	19-122
Terphenyl-d14		54.4	54	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature *Date* *Review Signature* *Date*

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-14	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-36	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS002	Percent Solids:	88
Data File Name.	SA04282	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	378	U	0.38
Phenol		550	10	10.0	333	378	U	0.38
2-Chlorophenol		550	10	10.0	333	378	U	0.38
1,3-Dichlorobenzene		330	10	10.0	333	378	U	0.38
1,4-Dichlorobenzene		330	10	10.0	333	378	U	0.38
1,2-Dichlorobenzene		330	10	10.0	333	378	U	0.38
Benzyl Alcohol		330	10	10.0	333	378	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10.0	333	378	U	0.38
2-Methylphenol		550	10	10.0	333	378	U	0.38
Hexachloroethane		330	10	10.0	333	378	U	0.38
N-Nitroso-di-n-propylamine		330	10	10.0	333	378	U	0.38
4-Methylphenol		550	10	10.0	333	378	U	0.38
Nitrobenzene		330	10	10.0	333	378	U	0.38
Isophorone		330	10	10.0	333	378	U	0.38
2-Nitrophenol		550	10	10.0	333	378	U	0.38
2,4-Dimethylphenol		550	10	10.0	333	378	U	0.38
bis (2-Chloroethoxy) methane		330	10	10.0	333	378	U	0.38
2,4-Dichlorophenol		550	10	10.0	333	378	U	0.38
Benzoic Acid		330	10	10.0	333	378	U	0.38
1,2,4-Trichlorobenzene		330	10	10.0	333	378	U	0.38
Naphthalene		330	**8**	**8.2**	275	312	J	0.31
4-Chloroaniline		330	10	10.0	333	378	U	0.38
Hexachlorobutadiene		330	10	10.0	333	378	U	0.38
4-Chloro-3-methylphenol		330	10	10.0	333	378	U	0.38
2-Methylnaphthalene		330	10	10.0	333	378	U	0.38
Hexachlorocyclopentadiene		330	10	10.0	333	378	U	0.38
2,4,6-Trichlorophenol		550	10	10.0	333	378	U	0.38
2,4,5-Trichlorophenol		550	10	10.0	333	378	U	0.38
2-Chloronaphthalene		330	10	10.0	333	378	U	0.38
2-Nitroaniline		330	10	10.0	333	378	U	0.38
Acenaphthalene		330	10	10.0	333	378	U	0.38
Dimethylphthalate		1500	10	10.0	333	378	U	0.38
2,6-Dinitrotoluene		330	10	10.0	333	378	U	0.38
3-Nitroaniline		330	10	10.0	333	378	U	0.38
Acenaphthene		330	**17**	**17.3**	**577**	**654**		**0.65**
2,4-Dinitrophenol		550	10	10.0	333	378	U	0.38
Dibenzofuran		330	**10**	**9.9**	**329**	**373**	J	**0.37**
2,4-Dinitrotoluene		330	10	10.0	333	378	U	0.38
4-Nitrophenol		550	10	10.0	333	378	U	0.38
Fluorene		550	**19**	**19.3**	**644**	**731**		**0.73**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	378	U	0.38
Diethylphthalate		1500	10	10.0	333	378	U	0.38
4-Nitroaniline		330	10	10.0	333	378	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10.0	333	378	U	0.38
N-Nitrosodiphenylamine		330	10	10.0	333	378	U	0.38
4-Bromophenyl-phenylether		330	10	10.0	333	378	U	0.38
Hexachlorobenzene		330	10	10.0	333	378	U	0.38
Pentachlorophenol		550	10	10.0	333	378	U	0.38
Phenanthrene		330	**98**	**97.6**	**3253**	**3690**		**3.69**
Anthracene		330	**34**	**33.9**	**1129**	**1280**		**1.28**
Di-n-butylphthalate		1500	10	10.0	333	378	U	0.38
Fluoranthene		330	**118**	**118.0**	**3933**	**4461**		**4.46**
Pyrene		330	**104**	**103.6**	**3453**	**3916**		**3.92**
Butylbenzylphthalate		1500	10	10.0	333	378	U	0.38
3,3-Dichlorobenzidine		330	10	10.0	333	378	U	0.38
Benzo (a) anthracene		330	**84**	**84.0**	**2799**	**3175**		**3.17**
Chrysene		330	**78**	**78.0**	**2600**	**2948**		**2.95**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	378	U	0.38
Di-n-octylphthalate		1500	10	10.0	333	378	U	0.38
Benzo (b) fluoranthene		330	**70**	**70.0**	**2332**	**2645**		**2.64**
Benzo (k) fluoranthene		330	**24**	**24.1**	**804**	**912**		**0.91**
Benzo (a) pyrene		330	**47**	**46.7**	**1557**	**1766**		**1.77**
Indeno (1,2,3-cd) pyrene		330	**22**	**22.3**	**744**	**843**		**0.84**
Dibenzo (a,h) anthracene		330	**6**	**5.7**	**190**	**215**	J	**0.22**
Benzo (g,h,i) perylene		330	**17**	**16.6**	**553**	**627**		**0.63**

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		7.6	8	25-121	*
Phenol-d6		51.0	51	24-113	
Nitrobenzene-d5		66.2	66	23-120	
2-Fluorobiphenyl		80.2	80	30-115	
2,4,6-Tribromophenol		1.4	1	19-122	*
Terphenyl-d14		77.5	78	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-15	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-39	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS003	Percent Solids	71
Data File Name:	SA04283	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	471	U	0.47
Phenol		550	10	10.0	333	471	U	0.47
2-Chlorophenol		550	10	10.0	333	471	U	0.47
1,3-Dichlorobenzene		330	10	10.0	333	471	U	0.47
1,4-Dichlorobenzene		330	10	10.0	333	471	U	0.47
1,2-Dichlorobenzene		330	10	10.0	333	471	U	0.47
Benzyl Alcohol		330	10	10.0	333	471	U	0.47
bis (2-Chloroisopropyl) ether		330	10	10.0	333	471	U	0.47
2-Methylphenol		550	10	10.0	333	471	U	0.47
Hexachloroethane		330	10	10.0	333	471	U	0.47
N-Nitroso-di-n-propylamine		330	10	10.0	333	471	U	0.47
4-Methylphenol		550	10	10.0	333	471	U	0.47
Nitrobenzene		330	10	10.0	333	471	U	0.47
Isophorone		330	10	10.0	333	471	U	0.47
2-Nitrophenol		550	10	10.0	333	471	U	0.47
2,4-Dimethylphenol		550	10	10.0	333	471	U	0.47
bis (2-Chloroethoxy) methane		330	10	10.0	333	471	U	0.47
2,4-Dichlorophenol		550	10	10.0	333	471	U	0.47
Benzoic Acid		330	10	10.0	333	471	U	0.47
1,2,4-Trichlorobenzene		330	10	10.0	333	471	U	0.47
Naphthalene		330	10	10.0	333	471	U	0.47
4-Chloroaniline		330	10	10.0	333	471	U	0.47
Hexachlorobutadiene		330	10	10.0	333	471	U	0.47
4-Chloro-3-methylphenol		330	10	10.0	333	471	U	0.47
2-Methylnaphthalene		330	10	10.0	333	471	U	0.47
Hexachlorocyclopentadiene		330	10	10.0	333	471	U	0.47
2,4,6-Trichlorophenol		550	10	10.0	333	471	U	0.47
2,4,5-Trichlorophenol		550	10	10.0	333	471	U	0.47
2-Chloronaphthalene		330	10	10.0	333	471	U	0.47
2-Nitroaniline		330	10	10.0	333	471	U	0.47
Acenaphthalene		330	10	10.0	333	471	U	0.47
Dimethylphthalate		1500	10	10.0	333	471	U	0.47
2,6-Dinitrotoluene		330	10	10.0	333	471	U	0.47
3-Nitroaniline		330	10	10.0	333	471	U	0.47
Acenaphthene		330	10	10.0	333	471	U	0.47
2,4-Dinitrophenol		550	10	10.0	333	471	U	0.47
Dibenzofuran		330	10	10.0	333	471	U	0.47
2,4-Dinitrotoluene		330	10	10.0	333	471	U	0.47
4-Nitrophenol		550	10	10.0	333	471	U	0.47
Fluorene		550	10	10.0	333	471	U	0.47
4-Chlorophenyl-phenyl ether		330	10	10.0	333	471	U	0.47
Diethylphthalate		1500	10	10.0	333	471	U	0.47
4-Nitroaniline		330	10	10.0	333	471	U	0.47
4,6-Dinitro-2-methylphenol		550	10	10.0	333	471	U	0.47
N-Nitrosodiphenylamine		330	10	10.0	333	471	U	0.47
4-Bromophenyl-phenylether		330	10	10.0	333	471	U	0.47
Hexachlorobenzene		330	10	10.0	333	471	U	0.47
Pentachlorophenol		550	10	10.0	333	471	U	0.47
Phenanthrene		330	10	10.0	333	471	U	0.47
Anthracene		330	10	10.0	333	471	U	0.47
Di-n-butylphthalate		1500	10	10.0	333	471	U	0.47
Fluoranthene		330	10	10.0	333	471	U	0.47
Pyrene		330	10	10.0	333	471	U	0.47
Butylbenzylphthalate		1500	10	10.0	333	471	U	0.47
3,3-Dichlorobenzidine		330	10	10.0	333	471	U	0.47
Benzo (a) anthracene		330	10	10.0	333	471	U	0.47
Chrysene		330	10	10.0	333	471	U	0.47
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	471	U	0.47
Di-n-octylphthalate		1500	10	10.0	333	471	U	0.47
Benzo (b) fluoranthene		330	10	10.0	333	471	U	0.47
Benzo (k) fluoranthene		330	10	10.0	333	471	U	0.47
Benzo (a) pyrene		330	10	10.0	333	471	U	0.47
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	471	U	0.47
Dibenzo (a,h) anthracene		330	10	10.0	333	471	U	0.47
Benzo (g,h,i) perylene		330	10	10.0	333	471	U	0.47

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		41.1	41	25-121
Phenol-d6		51.8	52	24-113
Nitrobenzene-d5		62.0	62	23-120
2-Fluorobiphenyl		72.0	72	30-115
2,4,6-Tribromophenol		64.0	64	19-122
Terphenyl-d14		66.7	67	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-16	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-36	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date.	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number.	QCS002	Percent Solids.	91
Data File Name:	SA04284	Laboratory Code:	STL_OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	368	U	0.37
Phenol		550	10	10.0	333	368	U	0.37
2-Chlorophenol		550	10	10.0	333	368	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	368	U	0.37
1,4-Dichlorobenzene		330	10	10.0	333	368	U	0.37
1,2-Dichlorobenzene		330	10	10.0	333	368	U	0.37
Benzyl Alcohol		330	10	10.0	333	368	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	368	U	0.37
2-Methylphenol		550	10	10.0	333	368	U	0.37
Hexachloroethane		330	10	10.0	333	368	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	368	U	0.37
4-Methylphenol		550	10	10.0	333	368	U	0.37
Nitrobenzene		330	10	10.0	333	368	U	0.37
Isophorone		330	10	10.0	333	368	U	0.37
2-Nitrophenol		550	10	10.0	333	368	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	368	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	368	U	0.37
2,4-Dichlorophenol		550	10	10.0	333	368	U	0.37
Benzoic Acid		330	10	10.0	333	368	U	0.37
1,2,4-Trichlorobenzene		330	10	10.0	333	368	U	0.37
Naphthalene		330	10	10.0	333	368	U	0.37
4-Chloroaniline		330	10	10.0	333	368	U	0.37
Hexachlorobutadiene		330	10	10.0	333	368	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	368	U	0.37
2-Methylnaphthalene		330	10	10.0	333	368	U	0.37
Hexachlorocyclopentadiene		330	10	10.0	333	368	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	368	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	368	U	0.37
2-Chloronaphthalene		330	10	10.0	333	368	U	0.37
2-Nitroaniline		330	10	10.0	333	368	U	0.37
Acenaphthalene		330	**10**	10.0	333	**368**		**0.37**
Dimethylphthalate		1500	10	10.0	333	368	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	368	U	0.37
3-Nitroaniline		330	10	10.0	333	368	U	0.37
Acenaphthene		330	**17**	17.4	579	**639**		**0.64**
2,4-Dinitrophenol		550	10	10.0	333	368	U	0.37
Dibenzofuran		330	**12**	11.9	398	**439**		**0.44**
2,4-Dinitrotoluene		330	10	10.0	333	368	U	0.37
4-Nitrophenol		550	10	10.0	333	368	U	0.37
Fluorene		550	**17**	16.7	557	**615**		**0.62**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	368	U	0.37
Diethylphthalate		1500	10	10.0	333	368	U	0.37
4-Nitroaniline		330	10	10.0	333	368	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	368	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	368	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	368	U	0.37
Hexachlorobenzene		330	10	10.0	333	368	U	0.37
Pentachlorophenol		550	10	10.0	333	368	U	0.37
Phenanthrene		330	**148**	147.5	4917	**5431**		**5.43**
Anthracene		330	**52**	51.5	1718	**1897**		**1.90**
Di-n-butylphthalate		1500	10	10.0	333	368	U	0.37
Fluoranthene		330	**189**	188.6	6287	**6944**	E	**6.94**
Pyrene		330	**223**	222.6	7419	**8194**	E	**8.19**
Butylbenzylphthalate		1500	10	10.0	333	368	U	0.37
3,3-Dichlorobenzidine		330	10	10.0	333	368	U	0.37
Benzo (a) anthracene		330	**160**	160.0	5334	**5891**	E	**5.89**
Chrysene		330	**145**	144.7	4824	**5328**	E	**5.33**
bis (2-Ethylhexyl) phthalate		1500	**5**	5.1	169	**187**	J	**0.19**
Di-n-octylphthalate		1500	10	10.0	333	368		0.37
Benzo (b) fluoranthene		330	**77**	76.9	2564	**2832**		**2.83**
Benzo (k) fluoranthene		330	**31**	31.5	1050	**1159**		**1.16**
Benzo (a) pyrene		330	**52**	51.9	1729	**1909**		**1.91**
Indeno (1,2,3-cd) pyrene		330	**21**	21.3	710	**784**		**0.78**
Dibenzo (a,h) anthracene		330	**6**	5.5	184	**203**		**0.20**
Benzo (g,h,i) perylene		330	**17**	16.5	550	**607**		**0.61**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		50.7	51	25-121
Phenol-d6		65.9	66	24-113
Nitrobenzene-d5		70.5	71	23-120
2-Fluorobiphenyl		77.3	77	30-115
2,4,6-Tribromophenol		75.5	76	19-122
Terphenyl-d14		90.7	91	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis *Comment: Diesel fuel pattern*

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.9
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS0801-16DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-36	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	91
Data File Name:	SA04295	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.7	324	1787	U	1.79
Phenol		550	10	9.7	324	1787	U	1.79
2-Chlorophenol		550	10	9.7	324	1787	U	1.79
1,3-Dichlorobenzene		330	10	9.7	324	1787	U	1.79
1,4-Dichlorobenzene		330	10	9.7	324	1787	U	1.79
1,2-Dichlorobenzene		330	10	9.7	324	1787	U	1.79
Benzyl Alcohol		330	10	9.7	324	1787	U	1.79
bis (2-Chloroisopropyl) ether		330	10	9.7	324	1787	U	1.79
2-Methylphenol		550	10	9.7	324	1787	U	1.79
Hexachloroethane		330	10	9.7	324	1787	U	1.79
N-Nitroso-di-n-propylamine		330	10	9.7	324	1787	U	1.79
4-Methylphenol		550	10	9.7	324	1787	U	1.79
Nitrobenzene		330	10	9.7	324	1787	U	1.79
Isophorone		330	10	9.7	324	1787	U	1.79
2-Nitrophenol		550	10	9.7	324	1787	U	1.79
2,4-Dimethylphenol		550	10	9.7	324	1787	U	1.79
bis (2-Chloroethoxy) methane		330	10	9.7	324	1787	U	1.79
2,4-Dichlorophenol		550	10	9.7	324	1787	U	1.79
Benzoic Acid		330	10	9.7	324	1787	U	1.79
1,2,4-Trichlorobenzene		330	10	9.7	324	1787	U	1.79
Naphthalene		330	10	9.7	324	1787	U	1.79
4-Chloroaniline		330	10	9.7	324	1787	U	1.79
Hexachlorobutadiene		330	10	9.7	324	1787	U	1.79
4-Chloro-3-methylphenol		330	10	9.7	324	1787	U	1.79
2-Methylnaphthalene		330	10	9.7	324	1787	U	1.79
Hexachlorocyclopentadiene		330	10	9.7	324	1787	U	1.79
2,4,6-Trichlorophenol		550	10	9.7	324	1787	U	1.79
2,4,5-Trichlorophenol		550	10	9.7	324	1787	U	1.79
2-Chloronaphthalene		330	10	9.7	324	1787	U	1.79
2-Nitroaniline		330	10	9.7	324	1787	U	1.79
Acenaphthalene		330	10	9.7	324	1787	U	1.79
Dimethylphthalate		1500	10	9.7	324	1787	U	1.79
2,6-Dinitrotoluene		330	10	9.7	324	1787	U	1.79
3-Nitroaniline		330	10	9.7	324	1787	U	1.79
Acenaphthene		330	10	9.7	324	1787	U	1.79
2,4-Dinitrophenol		550	10	9.7	324	1787	U	1.79
Dibenzofuran		330	10	9.7	324	1787	U	1.79
2,4-Dinitrotoluene		330	10	9.7	324	1787	U	1.79
4-Nitrophenol		550	10	9.7	324	1787	U	1.79
Fluorene		550	10	9.7	324	1787	U	1.79
4-Chlorophenyl-phenyl ether		330	10	9.7	324	1787	U	1.79
Diethylphthalate		1500	10	9.7	324	1787	U	1.79
4-Nitroaniline		330	10	9.7	324	1787	U	1.79
4,6-Dinitro-2-methylphenol		550	10	9.7	324	1787	U	1.79
N-Nitrosodiphenylamine		330	10	9.7	324	1787	U	1.79
4-Bromophenyl-phenylether		330	10	9.7	324	1787	U	1.79
Hexachlorobenzene		330	10	9.7	324	1787	U	1.79
Pentachlorophenol		550	10	9.7	324	1787	U	1.79
Phenanthrene		330	43	41.5	1382	7633		7.63
Anthracene		330	12	11.3	376	2077		2.08
Di-n-butylphthalate		1500	10	9.7	324	1787	U	1.79
Fluoranthene		330	55	53.0	1768	9762		9.76
Pyrene		330	46	44.5	1484	8194		8.19
Butylbenzylphthalate		1500	10	9.7	324	1787	U	1.79
3,3-Dichlorobenzidine		330	10	9.7	324	1787	U	1.79
Benzo (a) anthracene		330	33	31.6	1054	5821		5.82
Chrysene		330	32	31.2	1039	5737		5.74
bis (2-Ethylhexyl) phthalate		1500	10	9.7	324	1787	U	1.79
Di-n-octylphthalate		1500	10	9.7	324	1787	U	1.79
Benzo (b) fluoranthene		330	21	20.4	679	3750		3.75
Benzo (k) fluoranthene		330	10	9.5	316	1746	J	1.75
Benzo (a) pyrene		330	18	17.4	580	3203		3.20
Indeno (1,2,3-cd) pyrene		330	13	12.9	430	2375		2.38
Dibenzo (a,h) anthracene		330	10	9.7	324	1787	U	1.79
Benzo (g,h,i) perylene		330	12	11.5	383	2114		2.11

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		9.6	48	25-121
Phenol-d6		11.1	56	24-113
Nitrobenzene-d5		12.9	64	23-120
2-Fluorobiphenyl		16.2	81	30-115
2,4,6-Tribromophenol		16.1	80	19-122
Terphenyl-d14		14.6	73	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-17	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-30	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04285	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3859	U	3.86
Phenol		550	10	10.0	333	3859	U	3.86
2-Chlorophenol		550	10	10.0	333	3859	U	3.86
1,3-Dichlorobenzene		330	10	10.0	333	3859	U	3.86
1,4-Dichlorobenzene		330	10	10.0	333	3859	U	3.86
1,2-Dichlorobenzene		330	10	10.0	333	3859	U	3.86
Benzyl Alcohol		330	10	10.0	333	3859	U	3.86
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3859	U	3.86
2-Methylphenol		550	10	10.0	333	3859	U	3.86
Hexachloroethane		330	10	10.0	333	3859	U	3.86
N-Nitroso-di-n-propylamine		330	10	10.0	333	3859	U	3.86
4-Methylphenol		550	10	10.0	333	3859	U	3.86
Nitrobenzene		330	10	10.0	333	3859	U	3.86
Isophorone		330	10	10.0	333	3859	U	3.86
2-Nitrophenol		550	10	10.0	333	3859	U	3.86
2,4-Dimethylphenol		550	10	10.0	333	3859	U	3.86
bis (2-Chloroethoxy) methane		330	10	10.0	333	3859	U	3.86
2,4-Dichlorophenol		550	10	10.0	333	3859	U	3.86
Benzoic Acid		330	10	10.0	333	3859	U	3.86
1,2,4-Trichlorobenzene		330	10	10.0	333	3859	U	3.86
Naphthalene		330	7	7.4	246	**2844**		**2.84**
4-Chloroaniline		330	10	10.0	333	3859	U	3.86
Hexachlorobutadiene		330	10	10.0	333	3859	U	3.86
4-Chloro-3-methylphenol		330	10	10.0	333	3859	U	3.86
2-Methylnaphthalene		330	10	10.5	350	**4048**		**4.05**
Hexachlorocyclopentadiene		330	10	10.0	333	3859	U	3.86
2,4,6-Trichlorophenol		550	10	10.0	333	3859	U	3.86
2,4,5-Trichlorophenol		550	10	10.0	333	3859	U	3.86
2-Chloronaphthalene		330	10	10.0	333	3859	U	3.86
2-Nitroaniline		330	10	10.0	333	3859	U	3.86
Acenaphthalene		330	10	10.0	333	3859	U	3.86
Dimethylphthalate		1500	10	10.0	333	3859	U	3.86
2,6-Dinitrotoluene		330	10	10.0	333	3859	U	3.86
3-Nitroaniline		330	10	10.0	333	3859	U	3.86
Acenaphthene		330	35	35.4	1181	**13676**		**13.68**
2,4-Dinitrophenol		550	10	10.0	333	3859	U	3.86
Dibenzofuran		330	10	10.0	333	3859	U	3.86
2,4-Dinitrotoluene		330	10	10.0	333	3859	U	3.86
4-Nitrophenol		550	10	10.0	333	3859	U	3.86
Fluorene		550	10	10.0	333	3859	U	3.86
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3859	U	3.86
Diethylphthalate		1500	10	10.0	333	3859	U	3.86
4-Nitroaniline		330	10	10.0	333	3859	U	3.86
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3859	U	3.86
N-Nitrosodiphenylamine		330	10	10.0	333	3859	U	3.86
4-Bromophenyl-phenylether		330	10	10.0	333	3859	U	3.86
Hexachlorobenzene		330	10	10.0	333	3859	U	3.86
Pentachlorophenol		550	10	10.0	333	3859	U	3.86
Phenanthrene		330	36	36.0	1200	**13892**		**13.89**
Anthracene		330	35	35.4	1181	**13676**		**13.68**
Di-n-butylphthalate		1500	10	10.0	333	3859	U	3.86
Fluoranthene		330	52	52.4	1747	**20228**		**20.23**
Pyrene		330	49	49.2	1638	**18967**		**18.97**
Butylbenzylphthalate		1500	10	10.0	333	3859	U	3.86
3,3-Dichlorobenzidine		330	10	10.0	333	3859	U	3.86
Benzo (a) anthracene		330	34	33.9	1130	**13082**		**13.08**
Chrysene		330	33	32.9	1097	**12700**		**12.70**
bis (2-Ethylhexyl) phthalate		1500	13	13.2	440	**5098**		**5.10**
Di-n-octylphthalate		1500	10	10.0	333	3859		3.86
Benzo (b) fluoranthene		330	40	40.4	1347	**15598**		**15.60**
Benzo (k) fluoranthene		330	41	40.5	1351	**15636**		**15.64**
Benzo (a) pyrene		330	52	51.9	1729	**20012**		**20.01**
Indeno (1,2,3-cd) pyrene		330	21	21.3	710	**8216**		**8.22**
Dibenzo (a,h) anthracene		330	10	10.0	333	3859	U	3.86
Benzo (g,h,i) perylene		330	10	10.0	332	**3840**		**3.84**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.0	0	25-121
Phenol-d6		0.0	0	24-113
Nitrobenzene-d5		0.2	2	23-120
2-Fluorobiphenyl		0.2	2	30-115
2,4,6-Tribromophenol		0.1	1	19-122
Terphenyl-d14		0.3	3	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fles outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Diesel fuel pattern

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.1
Lab Delivery Group:	URS110801	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110801-17RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-30	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS003	Percent Solids:	86
Data File Name:	SA04296	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	332	385	U	0.38
Phenol		550	10	10.0	332	385	U	0.38
2-Chlorophenol		550	10	10.0	332	385	U	0.38
1,3-Dichlorobenzene		330	10	10.0	332	385	U	0.38
1,4-Dichlorobenzene		330	10	10.0	332	385	U	0.38
1,2-Dichlorobenzene		330	10	10.0	332	385	U	0.38
Benzyl Alcohol		330	10	10.0	332	385	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10.0	332	385	U	0.38
2-Methylphenol		550	10	10.0	332	385	U	0.38
Hexachloroethane		330	10	10.0	332	385	U	0.38
N-Nitroso-di-n-propylamine		330	10	10.0	332	385	U	0.38
4-Methylphenol		550	10	10.0	332	385	U	0.38
Nitrobenzene		330	10	10.0	332	385	U	0.38
Isophorone		330	10	10.0	332	385	U	0.38
2-Nitrophenol		550	10	10.0	332	385	U	0.38
2,4-Dimethylphenol		550	10	10.0	332	385	U	0.38
bis (2-Chloroethoxy) methane		330	10	10.0	332	385	U	0.38
2,4-Dichlorophenol		550	10	10.0	332	385	U	0.38
Benzoic Acid		330	10	10.0	332	385	U	0.38
1,2,4-Trichlorobenzene		330	10	10.0	332	385	U	0.38
Naphthalene		330	**8**	**8.1**	**270**	**313**	**J**	**0.31**
4-Chloroaniline		330	10	10.0	332	385	U	0.38
Hexachlorobutadiene		330	10	10.0	332	385	U	0.38
4-Chloro-3-methylphenol		330	10	10.0	332	385	U	0.38
2-Methylnaphthalene		330	**10**	**9.9**	**331**	**383**	**J**	**0.38**
Hexachlorocyclopentadiene		330	10	10.0	332	385	U	0.38
2,4,6-Trichlorophenol		550	10	10.0	332	385	U	0.38
2,4,5-Trichlorophenol		550	10	10.0	332	385	U	0.38
2-Chloronaphthalene		330	10	10.0	332	385	U	0.38
2-Nitroaniline		330	10	10.0	332	385	U	0.38
Acenaphthalene		330	10	10.0	332	385	U	0.38
Dimethylphthalate		1500	10	10.0	332	385	U	0.38
2,6-Dinitrotoluene		330	10	10.0	332	385	U	0.38
3-Nitroaniline		330	10	10.0	332	385	U	0.38
Acenaphthene		330	10	10.0	332	385	U	0.38
2,4-Dinitrophenol		550	10	10.0	332	385	U	0.38
Dibenzofuran		330	10	10.0	332	385	U	0.38
2,4-Dinitrotoluene		330	10	10.0	332	385	U	0.38
4-Nitrophenol		550	10	10.0	332	385	U	0.38
Fluorene		550	10	10.0	332	385	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10.0	332	385	U	0.38
Diethylphthalate		1500	10	10.0	332	385	U	0.38
4-Nitroaniline		330	10	10.0	332	385	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10.0	332	385	U	0.38
N-Nitrosodiphenylamine		330	10	10.0	332	385	U	0.38
4-Bromophenyl-phenylether		330	10	10.0	332	385	U	0.38
Hexachlorobenzene		330	10	10.0	332	385	U	0.38
Pentachlorophenol		550	10	10.0	332	385	U	0.38
Phenanthrene		330	**35**	**34.9**	**1162**	**1345**		**1.35**
Anthracene		330	**10**	**9.5**	**317**	**367**	**J**	**0.37**
Di-n-butylphthalate		1500	10	10.0	332	385	U	0.38
Fluoranthene		330	**52**	**52.0**	**1732**	**2005**		**2.01**
Pyrene		330	**50**	**49.6**	**1653**	**1914**		**1.91**
Butylbenzylphthalate		1500	10	10.0	332	385	U	0.38
3,3-Dichlorobenzidine		330	10	10.0	332	385	U	0.38
Benzo (a) anthracene		330	**38**	**37.5**	**1250**	**1447**		**1.45**
Chrysene		330	**33**	**32.9**	**1096**	**1268**		**1.27**
bis (2-Ethylhexyl) phthalate		1500	**15**	**15.2**	**507**	**587**		**0.59**
Di-n-octylphthalate		1500	10	10.0	332	385	U	0.38
Benzo (b) fluoranthene		330	**30**	**29.4**	**980**	**1135**		**1.13**
Benzo (k) fluoranthene		330	**11**	**10.5**	**350**	**405**		**0.40**
Benzo (a) pyrene		330	**22**	**22.3**	**745**	**862**		**0.86**
Indeno (1,2,3-cd) pyrene		330	**12**	**11.8**	**395**	**457**		**0.46**
Dibenzo (a,h) anthracene		330	10	10.0	332	385	U	0.38
Benzo (g,h,i) perylene		330	**10**	**9.9**	**329**	**381**	**J**	**0.38**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.0	0.0	25-121
Phenol-d6		0.0	0.0	24-113
Nitrobenzene-d5		0.2	0.2	23-120
2-Fluorobiphenyl		0.2	0.2	30-115
2,4,6-Tribromophenol		0.1	0.1	19-122
Terphenyl-d14		0.4	0.4	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.2
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-18RE	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-26	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	84
Data File Name:	SA04306	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	394	U	0.39
Phenol		550	10	9.9	331	394	U	0.39
2-Chlorophenol		550	10	9.9	331	394	U	0.39
1,3-Dichlorobenzene		330	10	9.9	331	394	U	0.39
1,4-Dichlorobenzene		330	10	9.9	331	394	U	0.39
1,2-Dichlorobenzene		330	10	9.9	331	394	U	0.39
Benzyl Alcohol		330	10	9.9	331	394	U	0.39
bis (2-Chloroisopropyl) ether		330	10	9.9	331	394	U	0.39
2-Methylphenol		550	10	9.9	331	394	U	0.39
Hexachloroethane		330	10	9.9	331	394	U	0.39
N-Nitroso-di-n-propylamine		330	10	9.9	331	394	U	0.39
4-Methylphenol		550	10	9.9	331	394	U	0.39
Nitrobenzene		330	10	9.9	331	394	U	0.39
Isophorone		330	10	9.9	331	394	U	0.39
2-Nitrophenol		550	10	9.9	331	394	U	0.39
2,4-Dimethylphenol		550	10	9.9	331	394	U	0.39
bis (2-Chloroethoxy) methane		330	10	9.9	331	394	U	0.39
2,4-Dichlorophenol		550	10	9.9	331	394	U	0.39
Benzoic Acid		330	10	9.9	331	394	U	0.39
1,2,4-Trichlorobenzene		330	10	9.9	331	394	U	0.39
Naphthalene		330	10	9.9	331	394	U	0.39
4-Chloroaniline		330	10	9.9	331	394	U	0.39
Hexachlorobutadiene		330	10	9.9	331	394	U	0.39
4-Chloro-3-methylphenol		330	10	9.9	331	394	U	0.39
2-Methylnaphthalene		330	10	9.9	331	394	U	0.39
Hexachlorocyclopentadiene		330	10	9.9	331	394	U	0.39
2,4,6-Trichlorophenol		550	10	9.9	331	394	U	0.39
2,4,5-Trichlorophenol		550	10	9.9	331	394	U	0.39
2-Chloronaphthalene		330	10	9.9	331	394	U	0.39
2-Nitroaniline		330	10	9.9	331	394	U	0.39
Acenaphthalene		330	10	9.9	331	394	U	0.39
Dimethylphthalate		1500	10	9.9	331	394	U	0.39
2,6-Dinitrotoluene		330	10	9.9	331	394	U	0.39
3-Nitroaniline		330	10	9.9	331	394	U	0.39
Acenaphthene		330	10	9.9	331	394	U	0.39
2,4-Dinitrophenol		550	10	9.9	331	394	U	0.39
Dibenzofuran		330	10	9.9	331	394	U	0.39
2,4-Dinitrotoluene		330	10	9.9	331	394	U	0.39
4-Nitrophenol		550	10	9.9	331	394	U	0.39
Fluorene		550	10	9.9	331	394	U	0.39
4-Chlorophenyl-phenyl ether		330	10	9.9	331	394	U	0.39
Diethylphthalate		1500	10	9.9	331	394	U	0.39
4-Nitroaniline		330	10	9.9	331	394	U	0.39
4,6-Dinitro-2-methylphenol		550	10	9.9	331	394	U	0.39
N-Nitrosodiphenylamine		330	10	9.9	331	394	U	0.39
4-Bromophenyl-phenylether		330	10	9.9	331	394	U	0.39
Hexachlorobenzene		330	10	9.9	331	394	U	0.39
Pentachlorophenol		550	10	9.9	331	394	U	0.39
Phenanthrene		330	10	9.9	331	394	U	0.39
Anthracene		330	10	9.9	331	394	U	0.39
Di-n-butylphthalate		1500	10	9.9	331	394	U	0.39
Fluoranthene		330	10	9.9	331	394	U	0.39
Pyrene		330	10	9.9	331	394	U	0.39
Butylbenzylphthalate		1500	10	9.9	331	394	U	0.39
3,3-Dichlorobenzidine		330	10	9.9	331	394	U	0.39
Benzo (a) anthracene		330	10	9.9	331	394	U	0.39
Chrysene		330	10	9.9	331	394	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	394	U	0.39
Di-n-octylphthalate		1500	10	9.9	331	394	U	0.39
Benzo (b) fluoranthene		330	10	9.9	331	394	U	0.39
Benzo (k) fluoranthene		330	10	9.9	331	394	U	0.39
Benzo (a) pyrene		330	10	9.9	331	394	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	9.9	331	394	U	0.39
Dibenzo (a,h) anthracene		330	10	9.9	331	394	U	0.39
Benzo (g,h,I) perylene		330	10	9.9	331	394	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		33.5	33	25-121
Phenol-d6		43.8	44	24-113
Nitrobenzene-d5		47.4	47	23-120
2-Fluorobiphenyl		56.4	56	30-115
2,4,6-Tribromophenol		62.6	63	19-122
Terphenyl-d14		63.7	64	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-19	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-25	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	87
Data File Name:	SA04287	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	384	U	0.38
Phenol		550	10	10.0	333	384	U	0.38
2-Chlorophenol		550	10	10.0	333	384	U	0.38
1,3-Dichlorobenzene		330	10	10.0	333	384	U	0.38
1,4-Dichlorobenzene		330	10	10.0	333	384	U	0.38
1,2-Dichlorobenzene		330	10	10.0	333	384	U	0.38
Benzyl Alcohol		330	10	10.0	333	384	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10.0	333	384	U	0.38
2-Methylphenol		550	10	10.0	333	384	U	0.38
Hexachloroethane		330	10	10.0	333	384	U	0.38
N-Nitroso-di-n-propylamine		330	10	10.0	333	384	U	0.38
4-Methylphenol		550	10	10.0	333	384	U	0.38
Nitrobenzene		330	10	10.0	333	384	U	0.38
Isophorone		330	10	10.0	333	384	U	0.38
2-Nitrophenol		550	10	10.0	333	384	U	0.38
2,4-Dimethylphenol		550	10	10.0	333	384	U	0.38
bis (2-Chloroethoxy) methane		330	10	10.0	333	384	U	0.38
2,4-Dichlorophenol		550	10	10.0	333	384	U	0.38
Benzoic Acid		330	10	10.0	333	384	U	0.38
1,2,4-Trichlorobenzene		330	10	10.0	333	384	U	0.38
Naphthalene		330	10	10.0	333	384	U	0.38
4-Chloroaniline		330	10	10.0	333	384	U	0.38
Hexachlorobutadiene		330	10	10.0	333	384	U	0.38
4-Chloro-3-methylphenol		330	10	10.0	333	384	U	0.38
2-Methylnaphthalene		330	10	10.0	333	384	U	0.38
Hexachlorocyclopentadiene		330	10	10.0	333	384	U	0.38
2,4,6-Trichlorophenol		550	10	10.0	333	384	U	0.38
2,4,5-Trichlorophenol		550	10	10.0	333	384	U	0.38
2-Chloronaphthalene		330	10	10.0	333	384	U	0.38
2-Nitroaniline		330	10	10.0	333	384	U	0.38
Acenaphthalene		330	10	10.0	333	384	U	0.38
Dimethylphthalate		1500	10	10.0	333	384	U	0.38
2,6-Dinitrotoluene		330	10	10.0	333	384	U	0.38
3-Nitroaniline		330	10	10.0	333	384	U	0.38
Acenaphthene		330	10	10.0	333	384	U	0.38
2,4-Dinitrophenol		550	10	10.0	333	384	U	0.38
Dibenzofuran		330	10	10.0	333	384	U	0.38
2,4-Dinitrotoluene		330	10	10.0	333	384	U	0.38
4-Nitrophenol		550	10	10.0	333	384	U	0.38
Fluorene		550	10	10.0	333	384	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10.0	333	384	U	0.38
Diethylphthalate		1500	10	10.0	333	384	U	0.38
4-Nitroaniline		330	10	10.0	333	384	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10.0	333	384	U	0.38
N-Nitrosodiphenylamine		330	10	10.0	333	384	U	0.38
4-Bromophenyl-phenylether		330	10	10.0	333	384	U	0.38
Hexachlorobenzene		330	10	10.0	333	384	U	0.38
Pentachlorophenol		550	10	10.0	333	384	U	0.38
Phenanthrene		330	10	10.0	333	384	U	0.38
Anthracene		330	10	10.0	333	384	U	0.38
Di-n-butylphthalate		1500	10	10.0	333	384	U	0.38
Fluoranthene		330	10	10.0	333	384	U	0.38
Pyrene		330	10	10.0	333	384	U	0.38
Butylbenzylphthalate		1500	10	10.0	333	384	U	0.38
3,3-Dichlorobenzidine		330	10	10.0	333	384	U	0.38
Benzo (a) anthracene		330	10	10.0	333	384	U	0.38
Chrysene		330	10	10.0	333	384	U	0.38
bis (2-Ethylhexyl) phthalate		1500	11	11.1	369	425		0.42
Di-n-octylphthalate		1500	10	10.0	333	384	U	0.38
Benzo (b) fluoranthene		330	10	10.0	333	384	U	0.38
Benzo (k) fluoranthene		330	10	10.0	333	384	U	0.38
Benzo (a) pyrene		330	10	10.0	333	384	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	384	U	0.38
Dibenzo (a,h) anthracene		330	10	10.0	333	384	U	0.38
Benzo (g,h,i) perylene		330	10	10.0	333	384	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44.6	45	25-121
Phenol-d6		62.0	62	24-113
Nitrobenzene-d5		59.8	60	23-120
2-Fluorobiphenyl		73.0	73	30-115
2,4,6-Tribromophenol		74.3	74	19-122
Terphenyl-d14		74.0	74	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110801	Lab Prep Date:	11/08/01
Lab Sample ID:	URS110801-20	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-26	Prep Method 2:	
Date Sample Collected:	11/08/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/08/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	65
Data File Name:	SA04288	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	515	U	0.52
Phenol		550	10	10.0	333	515	U	0.52
2-Chlorophenol		550	10	10.0	333	515	U	0.52
1,3-Dichlorobenzene		330	10	10.0	333	515	U	0.52
1,4-Dichlorobenzene		330	10	10.0	333	515	U	0.52
1,2-Dichlorobenzene		330	10	10.0	333	515	U	0.52
Benzyl Alcohol		330	10	10.0	333	515	U	0.52
bis (2-Chloroisopropyl) ether		330	10	10.0	333	515	U	0.52
2-Methylphenol		550	10	10.0	333	515	U	0.52
Hexachloroethane		330	10	10.0	333	515	U	0.52
N-Nitroso-di-n-propylamine		330	10	10.0	333	515	U	0.52
4-Methylphenol		550	10	10.0	333	515	U	0.52
Nitrobenzene		330	10	10.0	333	515	U	0.52
Isophorone		330	10	10.0	333	515	U	0.52
2-Nitrophenol		550	10	10.0	333	515	U	0.52
2,4-Dimethylphenol		550	10	10.0	333	515	U	0.52
bis (2-Chloroethoxy) methane		330	10	10.0	333	515	U	0.52
2,4-Dichlorophenol		550	10	10.0	333	515	U	0.52
Benzoic Acid		330	10	10.0	333	515	U	0.52
1,2,4-Trichlorobenzene		330	10	10.0	333	515	U	0.52
Naphthalene		330	10	10.0	333	515	U	0.52
4-Chloroaniline		330	10	10.0	333	515	U	0.52
Hexachlorobutadiene		330	10	10.0	333	515	U	0.52
4-Chloro-3-methylphenol		330	10	10.0	333	515	U	0.52
2-Methylnaphthalene		330	10	10.0	333	515	U	0.52
Hexachlorocyclopentadiene		330	10	10.0	333	515	U	0.52
2,4,6-Trichlorophenol		550	10	10.0	333	515	U	0.52
2,4,5-Trichlorophenol		550	10	10.0	333	515	U	0.52
2-Chloronaphthalene		330	10	10.0	333	515	U	0.52
2-Nitroaniline		330	10	10.0	333	515	U	0.52
Acenaphthalene		330	10	10.0	333	515	U	0.52
Dimethylphthalate		1500	10	10.0	333	515	U	0.52
2,6-Dinitrotoluene		330	10	10.0	333	515	U	0.52
3-Nitroaniline		330	10	10.0	333	515	U	0.52
Acenaphthene		330	10	10.0	333	515	U	0.52
2,4-Dinitrophenol		550	10	10.0	333	515	U	0.52
Dibenzofuran		330	10	10.0	333	515	U	0.52
2,4-Dinitrotoluene		330	10	10.0	333	515	U	0.52
4-Nitrophenol		550	10	10.0	333	515	U	0.52
Fluorene		550	10	10.0	333	515	U	0.52
4-Chlorophenyl-phenyl ether		330	10	10.0	333	515	U	0.52
Diethylphthalate		1500	10	10.0	333	515	U	0.52
4-Nitroaniline		330	10	10.0	333	515	U	0.52
4,6-Dinitro-2-methylphenol		550	10	10.0	333	515	U	0.52
N-Nitrosodiphenylamine		330	10	10.0	333	515	U	0.52
4-Bromophenyl-phenylether		330	10	10.0	333	515	U	0.52
Hexachlorobenzene		330	10	10.0	333	515	U	0.52
Pentachlorophenol		550	10	10.0	333	515	U	0.52
Phenanthrene		330	10	10.0	333	515	U	0.52
Anthracene		330	10	10.0	333	515	U	0.52
Di-n-butylphthalate		1500	10	10.0	333	515	U	0.52
Fluoranthene		330	10	10.0	333	515	U	0.52
Pyrene		330	10	10.0	333	515	U	0.52
Butylbenzylphthalate		1500	10	10.0	333	515	U	0.52
3,3-Dichlorobenzidine		330	10	10.0	333	515	U	0.52
Benzo (a) anthracene		330	10	10.0	333	515	U	0.52
Chrysene		330	10	10.0	333	515	U	0.52
bis (2-Ethylhexyl) phthalate		1500	6	6.0	200	309		0.31
Di-n-octylphthalate		1500	10	10.0	333	515	U	0.52
Benzo (b) fluoranthene		330	10	10.0	333	515	U	0.52
Benzo (k) fluoranthene		330	10	10.0	333	515	U	0.52
Benzo (a) pyrene		330	10	10.0	333	515	U	0.52
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	515	U	0.52
Dibenzo (a,h) anthracene		330	10	10.0	333	515	U	0.52
Benzo (g,h,i) perylene		330	10	10.0	333	515	U	0.52

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		48.5	49	25-121
Phenol-d6		65.8	66	24-113
Nitrobenzene-d5		64.9	65	23-120
2-Fluorobiphenyl		76.2	76	30-115
2,4,6-Tribromophenol		72.5	73	19-122
Terphenyl-d14		74.6	75	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-99	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	*QCS002*	*Percent Solids:*	*82*
Data File Name:	SA04291	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	406	U	0.41
Phenol		550	10	10.0	333	406	U	0.41
2-Chlorophenol		550	10	10.0	333	406	U	0.41
1,3-Dichlorobenzene		330	10	10.0	333	406	U	0.41
1,4-Dichlorobenzene		330	10	10.0	333	406	U	0.41
1,2-Dichlorobenzene		330	10	10.0	333	406	U	0.41
Benzyl Alcohol		330	10	10.0	333	406	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10.0	333	406	U	0.41
2-Methylphenol		550	10	10.0	333	406	U	0.41
Hexachloroethane		330	10	10.0	333	406	U	0.41
N-Nitroso-di-n-propylamine		330	10	10.0	333	406	U	0.41
4-Methylphenol		550	10	10.0	333	406	U	0.41
Nitrobenzene		330	10	10.0	333	406	U	0.41
Isophorone		330	10	10.0	333	406	U	0.41
2-Nitrophenol		550	10	10.0	333	406	U	0.41
2,4-Dimethylphenol		550	10	10.0	333	406	U	0.41
bis (2-Chloroethoxy) methane		330	10	10.0	333	406	U	0.41
2,4-Dichlorophenol		550	10	10.0	333	406	U	0.41
Benzoic Acid		330	10	10.0	333	406	U	0.41
1,2,4-Trichlorobenzene		330	10	10.0	333	406	U	0.41
Naphthalene		330	10	10.0	333	406	U	0.41
4-Chloroaniline		330	10	10.0	333	406	U	0.41
Hexachlorobutadiene		330	10	10.0	333	406	U	0.41
4-Chloro-3-methylphenol		330	10	10.0	333	406	U	0.41
2-Methylnaphthalene		330	10	10.0	333	406	U	0.41
Hexachlorocyclopentadiene		330	10	10.0	333	406	U	0.41
2,4,6-Trichlorophenol		550	10	10.0	333	406	U	0.41
2,4,5-Trichlorophenol		550	10	10.0	333	406	U	0.41
2-Chloronaphthalene		330	10	10.0	333	406	U	0.41
2-Nitroaniline		330	10	10.0	333	406	U	0.41
Acenaphthalene		330	10	10.0	333	406	U	0.41
Dimethylphthalate		1500	10	10.0	333	406	U	0.41
2,6-Dinitrotoluene		330	10	10.0	333	406	U	0.41
3-Nitroaniline		330	10	10.0	333	406	U	0.41
Acenaphthene		330	10	10.0	333	406	U	0.41
2,4-Dinitrophenol		550	10	10.0	333	406	U	0.41
Dibenzofuran		330	10	10.0	333	406	U	0.41
2,4-Dinitrotoluene		330	10	10.0	333	406	U	0.41
4-Nitrophenol		550	10	10.0	333	406	U	0.41
Fluorene		550	10	10.0	333	406	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10.0	333	406	U	0.41
Diethylphthalate		1500	10	10.0	333	406	U	0.41
4-Nitroaniline		330	10	10.0	333	406	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10.0	333	406	U	0.41
N-Nitrosodiphenylamine		330	10	10.0	333	406	U	0.41
4-Bromophenyl-phenylether		330	10	10.0	333	406	U	0.41
Hexachlorobenzene		330	10	10.0	333	406	U	0.41
Pentachlorophenol		550	10	10.0	333	406	U	0.41
Phenanthrene		330	5	5.4	179	217	J	0.22
Anthracene		330	5	5.3	176	214	J	0.21
Di-n-butylphthalate		1500	10	10.0	333	406	U	0.41
Fluoranthene		330	6	6.5	216	263	J	0.26
Pyrene		330	6	6.2	208	253	J	0.25
Butylbenzylphthalate		1500	10	10.0	333	406	U	0.41
3,3-Dichlorobenzidine		330	10	10.0	333	406	U	0.41
Benzo (a) anthracene		330	10	10.0	333	406	U	0.41
Chrysene		330	10	10.0	333	406	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	406	U	0.41
Di-n-octylphthalate		1500	10	10.0	333	406	U	0.41
Benzo (b) fluoranthene		330	10	10.0	333	406	U	0.41
Benzo (k) fluoranthene		330	10	10.0	333	406	U	0.41
Benzo (a) pyrene		330	10	10.0	333	406	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	406	U	0.41
Dibenzo (a,h) anthracene		330	10	10.0	333	406	U	0.41
Benzo (g,h,i) perylene		330	10	10.0	333	406	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		39.8	40	25-121
Phenol-d6		51.1	51	24-113
Nitrobenzene-d5		51.1	51	23-120
2-Fluorobiphenyl		63.5	63	30-115
2,4,6-Tribromophenol		61.7	62	19-122
Terphenyl-d14		71.3	71	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-92	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/09/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	*QCS003*	*Percent Solids:*	*84*
Data File Name:	SA04292	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	395	U	0.39
Phenol		550	10	10.0	333	395	U	0.39
2-Chlorophenol		550	10	10.0	333	395	U	0.39
1,3-Dichlorobenzene		330	10	10.0	333	395	U	0.39
1,4-Dichlorobenzene		330	10	10.0	333	395	U	0.39
1,2-Dichlorobenzene		330	10	10.0	333	395	U	0.39
Benzyl Alcohol		330	10	10.0	333	395	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10.0	333	395	U	0.39
2-Methylphenol		550	10	10.0	333	395	U	0.39
Hexachloroethane		330	10	10.0	333	395	U	0.39
N-Nitroso-di-n-propylamine		330	10	10.0	333	395	U	0.39
4-Methylphenol		550	10	10.0	333	395	U	0.39
Nitrobenzene		330	10	10.0	333	395	U	0.39
Isophorone		330	10	10.0	333	395	U	0.39
2-Nitrophenol		550	10	10.0	333	395	U	0.39
2,4-Dimethylphenol		550	10	10.0	333	395	U	0.39
bis (2-Chloroethoxy) methane		330	10	10.0	333	395	U	0.39
2,4-Dichlorophenol		550	10	10.0	333	395	U	0.39
Benzoic Acid		330	10	10.0	333	395	U	0.39
1,2,4-Trichlorobenzene		330	10	10.0	333	395	U	0.39
Naphthalene		330	10	10.0	333	395	U	0.39
4-Chloroaniline		330	10	10.0	333	395	U	0.39
Hexachlorobutadiene		330	10	10.0	333	395	U	0.39
4-Chloro-3-methylphenol		330	10	10.0	333	395	U	0.39
2-Methylnaphthalene		330	10	10.0	333	395	U	0.39
Hexachlorocyclopentadiene		330	10	10.0	333	395	U	0.39
2,4,6-Trichlorophenol		550	10	10.0	333	395	U	0.39
2,4,5-Trichlorophenol		550	10	10.0	333	395	U	0.39
2-Chloronaphthalene		330	10	10.0	333	395	U	0.39
2-Nitroaniline		330	10	10.0	333	395	U	0.39
Acenaphthalene		330	10	10.0	333	395	U	0.39
Dimethylphthalate		1500	10	10.0	333	395	U	0.39
2,6-Dinitrotoluene		330	10	10.0	333	395	U	0.39
3-Nitroaniline		330	10	10.0	333	395	U	0.39
Acenaphthene		330	23	22.8	761	902	U	0.90
2,4-Dinitrophenol		550	10	10.0	333	395	U	0.39
Dibenzofuran		330	20	19.7	655	776		0.78
2,4-Dinitrotoluene		330	10	10.0	333	395	U	0.39
4-Nitrophenol		550	10	10.0	333	395	U	0.39
Fluorene		550	46	45.7	1523	1804		1.80
4-Chlorophenyl-phenyl ether		330	10	10.0	333	395	U	0.39
Diethylphthalate		1500	10	10.0	333	395	U	0.39
4-Nitroaniline		330	10	10.0	333	395	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10.0	333	395	U	0.39
N-Nitrosodiphenylamine		330	10	10.0	333	395	U	0.39
4-Bromophenyl-phenylether		330	10	10.0	333	395	U	0.39
Hexachlorobenzene		330	10	10.0	333	395	U	0.39
Pentachlorophenol		550	10	10.0	333	395	U	0.39
Phenanthrene		330	222	221.9	7397	8761		8.76
Anthracene		330	92	91.8	3064	3629		3.63
Di-n-butylphthalate		1500	10	10.0	333	395	U	0.39
Fluoranthene		330	255	255.1	8505	10073		10.07
Pyrene		330	261	260.9	8696	10300		10.30
Butylbenzylphthalate		1500	10	10.0	333	395	U	0.39
3,3-Dichlorobenzidine		330	10	10.0	333	395	U	0.39
Benzo (a) anthracene		330	183	183.2	6106	7232		7.23
Chrysene		330	167	167.3	5576	6604		6.60
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	395	U	0.39
Di-n-octylphthalate		1500	10	10.0	333	395	U	0.39
Benzo (b) fluoranthene		330	112	111.6	3721	4407		4.41
Benzo (k) fluoranthene		330	39	39.2	1306	1546		1.55
Benzo (a) pyrene		330	79	79.3	2644	3131		3.13
Indeno (1,2,3-cd) pyrene		330	36	35.6	1188	1407		1.41
Dibenzo (a,h) anthracene		330	10	10.0	333	395	U	0.39
Benzo (g,h,i) perylene		330	31	30.8	1026	1215		1.22

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44.9	45	25-121
Phenol-d6		60.4	60	24-113
Nitrobenzene-d5		59.3	59	23-120
2-Fluorobiphenyl		72.3	72	30-115
2,4,6-Tribromophenol		77.1	77	19-122
Terphenyl-d14		80.9	81	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.2
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-02DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-92	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QSC003	Percent Solids:	84
Data File Name:	SA04297	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	1961	U	1.96
Phenol		550	10	9.9	331	1961	U	1.96
2-Chlorophenol		550	10	9.9	331	1961	U	1.96
1,3-Dichlorobenzene		330	10	9.9	331	1961	U	1.96
1,4-Dichlorobenzene		330	10	9.9	331	1961	U	1.96
1,2-Dichlorobenzene		330	10	9.9	331	1961	U	1.96
Benzyl Alcohol		330	10	9.9	331	1961	U	1.96
bis (2-Chloroisopropyl) ether		330	10	9.9	331	1961	U	1.96
2-Methylphenol		550	10	9.9	331	1961	U	1.96
Hexachloroethane		330	10	9.9	331	1961	U	1.96
N-Nitroso-di-n-propylamine		330	10	9.9	331	1961	U	1.96
4-Methylphenol		550	10	9.9	331	1961	U	1.96
Nitrobenzene		330	10	9.9	331	1961	U	1.96
Isophorone		330	10	9.9	331	1961	U	1.96
2-Nitrophenol		550	10	9.9	331	1961	U	1.96
2,4-Dimethylphenol		550	10	9.9	331	1961	U	1.96
bis (2-Chloroethoxy) methane		330	10	9.9	331	1961	U	1.96
2,4-Dichlorophenol		550	10	9.9	331	1961	U	1.96
Benzoic Acid		330	10	9.9	331	1961	U	1.96
1,2,4-Trichlorobenzene		330	10	9.9	331	1961	U	1.96
Naphthalene		330	10	9.9	331	1961	U	1.96
4-Chloroaniline		330	10	9.9	331	1961	U	1.96
Hexachlorobutadiene		330	10	9.9	331	1961	U	1.96
4-Chloro-3-methylphenol		330	10	9.9	331	1961	U	1.96
2-Methylnaphthalene		330	10	9.9	331	1961	U	1.96
Hexachlorocyclopentadiene		330	10	9.9	331	1961	U	1.96
2,4,6-Trichlorophenol		550	10	9.9	331	1961	U	1.96
2,4,5-Trichlorophenol		550	10	9.9	331	1961	U	1.96
2-Chloronaphthalene		330	10	9.9	331	1961	U	1.96
2-Nitroaniline		330	10	9.9	331	1961	U	1.96
Acenaphthalene		330	10	9.9	331	1961	U	1.96
Dimethylphthalate		1500	10	9.9	331	1961	U	1.96
2,6-Dinitrotoluene		330	10	9.9	331	1961	U	1.96
3-Nitroaniline		330	10	9.9	331	1961	U	1.96
Acenaphthene		330	**5**	**5.0**	**168**	**992**	**J**	**0.99**
2,4-Dinitrophenol		550	10	9.9	331	1961	U	1.96
Dibenzofuran		330	10	9.9	331	1961	U	1.96
2,4-Dinitrotoluene		330	10	9.9	331	1961	U	1.96
4-Nitrophenol		550	10	9.9	331	1961	U	1.96
Fluorene		550	**10**	**10.3**	**342**	**2028**		**2.03**
4-Chlorophenyl-phenyl ether		330	10	9.9	331	1961	U	1.96
Diethylphthalate		1500	10	9.9	331	1961	U	1.96
4-Nitroaniline		330	10	9.9	331	1961	U	1.96
4,6-Dinitro-2-methylphenol		550	10	9.9	331	1961	U	1.96
N-Nitrosodiphenylamine		330	10	9.9	331	1961	U	1.96
4-Bromophenyl-phenylether		330	10	9.9	331	1961	U	1.96
Hexachlorobenzene		330	10	9.9	331	1961	U	1.96
Pentachlorophenol		550	10	9.9	331	1961	U	1.96
Phenanthrene		330	**71**	**70.2**	**2339**	**13850**		**13.85**
Anthracene		330	**26**	**25.7**	**857**	**5077**		**5.08**
Di-n-butylphthalate		1500	10	9.9	331	1961	U	1.96
Fluoranthene		330	**81**	**80.4**	**2679**	**15864**		**15.86**
Pyrene		330	**63**	**62.5**	**2083**	**12336**		**12.34**
Butylbenzylphthalate		1500	10	9.9	331	1961	U	1.96
3,3-Dichlorobenzidine		330	10	9.9	331	1961	U	1.96
Benzo (a) anthracene		330	**44**	**43.6**	**1454**	**8611**		**8.61**
Chrysene		330	**37**	**36.4**	**1215**	**7195**		**7.19**
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	1961	U	1.96
Di-n-octylphthalate		1500	10	9.9	331	1961	U	1.96
Benzo (b) fluoranthene		330	**26**	**25.4**	**846**	**5012**		**5.01**
Benzo (k) fluoranthene		330	**14**	**13.7**	**457**	**2706**		**2.71**
Benzo (a) pyrene		330	**24**	**23.7**	**791**	**4685**		**4.68**
Indeno (1,2,3-cd) pyrene		330	**17**	**16.8**	**559**	**3310**		**3.31**
Dibenzo (a,h) anthracene		330	10	9.9	331	1961	U	1.96
Benzo (g,h,i) perylene		330	**14**	**13.8**	**459**	**2718**		**2.72**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		9.1	45	25-121
Phenol-d6		11.6	58	24-113
Nitrobenzene-d5		12.1	60	23-120
2-Fluorobiphenyl		15.7	78	30-115
2,4,6-Tribromophenol		14.5	73	19-122
Terphenyl-d14		15.6	78	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-62	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS003	Percent Solids:	80
Data File Name:	SA04298	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	416	U	0.42
Phenol		550	10	10.0	333	416	U	0.42
2-Chlorophenol		550	10	10.0	333	416	U	0.42
1,3-Dichlorobenzene		330	10	10.0	333	416	U	0.42
1,4-Dichlorobenzene		330	10	10.0	333	416	U	0.42
1,2-Dichlorobenzene		330	10	10.0	333	416	U	0.42
Benzyl Alcohol		330	10	10.0	333	416	U	0.42
bis (2-Chloroisopropyl) ether		330	10	10.0	333	416	U	0.42
2-Methylphenol		550	10	10.0	333	416	U	0.42
Hexachloroethane		330	10	10.0	333	416	U	0.42
N-Nitroso-di-n-propylamine		330	10	10.0	333	416	U	0.42
4-Methylphenol		550	10	10.0	333	416	U	0.42
Nitrobenzene		330	10	10.0	333	416	U	0.42
Isophorone		330	10	10.0	333	416	U	0.42
2-Nitrophenol		550	10	10.0	333	416	U	0.42
2,4-Dimethylphenol		550	10	10.0	333	416	U	0.42
bis (2-Chloroethoxy) methane		330	10	10.0	333	416	U	0.42
2,4-Dichlorophenol		550	10	10.0	333	416	U	0.42
Benzoic Acid		330	10	10.0	333	416	U	0.42
1,2,4-Trichlorobenzene		330	10	10.0	333	416	U	0.42
Naphthalene		330	10	10.0	333	416	U	0.42
4-Chloroaniline		330	10	10.0	333	416	U	0.42
Hexachlorobutadiene		330	10	10.0	333	416	U	0.42
4-Chloro-3-methylphenol		330	10	10.0	333	416	U	0.42
2-Methylnaphthalene		330	10	10.0	333	416	U	0.42
Hexachlorocyclopentadiene		330	10	10.0	333	416	U	0.42
2,4,6-Trichlorophenol		550	10	10.0	333	416	U	0.42
2,4,5-Trichlorophenol		550	10	10.0	333	416	U	0.42
2-Chloronaphthalene		330	10	10.0	333	416	U	0.42
2-Nitroaniline		330	10	10.0	333	416	U	0.42
Acenaphthalene		330	10	10.0	333	416	U	0.42
Dimethylphthalate		1500	10	10.0	333	416	U	0.42
2,6-Dinitrotoluene		330	10	10.0	333	416	U	0.42
3-Nitroaniline		330	10	10.0	333	416	U	0.42
Acenaphthene		330	10	10.0	333	416	U	0.42
2,4-Dinitrophenol		550	10	10.0	333	416	U	0.42
Dibenzofuran		330	10	10.0	333	416	U	0.42
2,4-Dinitrotoluene		330	10	10.0	333	416	U	0.42
4-Nitrophenol		550	10	10.0	333	416	U	0.42
Fluorene		550	10	10.0	333	416	U	0.42
4-Chlorophenyl-phenyl ether		330	10	10.0	333	416	U	0.42
Diethylphthalate		1500	10	10.0	333	416	U	0.42
4-Nitroaniline		330	10	10.0	333	416	U	0.42
4,6-Dinitro-2-methylphenol		550	10	10.0	333	416	U	0.42
N-Nitrosodiphenylamine		330	10	10.0	333	416	U	0.42
4-Bromophenyl-phenylether		330	10	10.0	333	416	U	0.42
Hexachlorobenzene		330	10	10.0	333	416	U	0.42
Pentachlorophenol		550	10	10.0	333	416	U	0.42
Phenanthrene		330	28	27.7	823	1151		1.15
Anthracene		330	7	7.4	247	308	J	0.31
Di-n-butylphthalate		1500	10	10.0	333	416	U	0.42
Fluoranthene		330	59	59.0	1966	2452		2.45
Pyrene		330	64	64.1	2137	2665		2.67
Butylbenzylphthalate		1500	10	10.0	333	416	U	0.42
3,3-Dichlorobenzidine		330	10	10.0	333	416	U	0.42
Benzo (a) anthracene		330	43	42.6	1418	1768		1.77
Chrysene		330	45	44.8	1493	1862		1.86
bis (2-Ethylhexyl) phthalate		1500	12	11.7	391	488		0.49
Di-n-octylphthalate		1500	10	10.0	333	416	U	0.42
Benzo (b) fluoranthene		330	34	34.0	1133	1413		1.41
Benzo (k) fluoranthene		330	15	14.6	487	608		0.61
Benzo (a) pyrene		330	23	23.4	779	971		0.97
Indeno (1,2,3-cd) pyrene		330	14	13.7	457	570		0.57
Dibenzo (a,h) anthracene		330	10	10.0	333	416	U	0.42
Benzo (g,h,i) perylene		330	12	12.0	400	499		0.50

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		50.4	50	25-121
Phenol-d6		64.4	64	24-113
Nitrobenzene-d5		69.7	70	23-120
2-Fluorobiphenyl		76.8	77	30-115
2,4,6-Tribromophenol		81.1	81	19-122
Terphenyl-d14		82.2	82	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30.7
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-85	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS003	Percent Solids:	88
Data File Name:	SA04299	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.8	326	370	U	0.37
Phenol		550	10	9.8	326	370	U	0.37
2-Chlorophenol		550	10	9.8	326	370	U	0.37
1,3-Dichlorobenzene		330	10	9.8	326	370	U	0.37
1,4-Dichlorobenzene		330	10	9.8	326	370	U	0.37
1,2-Dichlorobenzene		330	10	9.8	326	370	U	0.37
Benzyl Alcohol		330	10	9.8	326	370	U	0.37
bis (2-Chloroisopropyl) ether		330	10	9.8	326	370	U	0.37
2-Methylphenol		550	10	9.8	326	370	U	0.37
Hexachloroethane		330	10	9.8	326	370	U	0.37
N-Nitroso-di-n-propylamine		330	10	9.8	326	370	U	0.37
4-Methylphenol		550	10	9.8	326	370	U	0.37
Nitrobenzene		330	10	9.8	326	370	U	0.37
Isophorone		330	10	9.8	326	370	U	0.37
2-Nitrophenol		550	10	9.8	326	370	U	0.37
2,4-Dimethylphenol		550	10	9.8	326	370	U	0.37
bis (2-Chloroethoxy) methane		330	10	9.8	326	370	U	0.37
2,4-Dichlorophenol		550	10	9.8	326	370	U	0.37
Benzoic Acid		330	10	9.8	326	370	U	0.37
1,2,4-Trichlorobenzene		330	10	9.8	326	370	U	0.37
Naphthalene		330	10	9.8	326	370	U	0.37
4-Chloroaniline		330	10	9.8	326	370	U	0.37
Hexachlorobutadiene		330	10	9.8	326	370	U	0.37
4-Chloro-3-methylphenol		330	10	9.8	326	370	U	0.37
2-Methylnaphthalene		330	10	9.8	326	370	U	0.37
Hexachlorocyclopentadiene		330	10	9.8	326	370	U	0.37
2,4,6-Trichlorophenol		550	10	9.8	326	370	U	0.37
2,4,5-Trichlorophenol		550	10	9.8	326	370	U	0.37
2-Chloronaphthalene		330	10	9.8	326	370	U	0.37
2-Nitroaniline		330	10	9.8	326	370	U	0.37
Acenaphthalene		330	10	9.8	326	370	U	0.37
Dimethylphthalate		1500	10	9.8	326	370	U	0.37
2,6-Dinitrotoluene		330	10	9.8	326	370	U	0.37
3-Nitroaniline		330	10	9.8	326	370	U	0.37
Acenaphthene		330	10	9.8	326	370	U	0.37
2,4-Dinitrophenol		550	10	9.8	326	370	U	0.37
Dibenzofuran		330	10	9.8	326	370	U	0.37
2,4-Dinitrotoluene		330	10	9.8	326	370	U	0.37
4-Nitrophenol		550	10	9.8	326	370	U	0.37
Fluorene		550	10	9.8	326	370	U	0.37
4-Chlorophenyl-phenyl ether		330	10	9.8	326	370	U	0.37
Diethylphthalate		1500	10	9.8	326	370	U	0.37
4-Nitroaniline		330	10	9.8	326	370	U	0.37
4,6-Dinitro-2-methylphenol		550	10	9.8	326	370	U	0.37
N-Nitrosodiphenylamine		330	10	9.8	326	370	U	0.37
4-Bromophenyl-phenylether		330	10	9.8	326	370	U	0.37
Hexachlorobenzene		330	10	9.8	326	370	U	0.37
Pentachlorophenol		550	10	9.8	326	370	U	0.37
Phenanthrene		330	10	9.8	326	370	U	0.37
Anthracene		330	10	9.8	326	370	U	0.37
Di-n-butylphthalate		1500	7	7.3	242	274	J	0.27
Fluoranthene		330	5	5.0	166	189	J	0.19
Pyrene		330	6	6.1	202	230	J	0.23
Butylbenzylphthalate		1500	991	968.5	32283	36664	E	37
3,3-Dichlorobenzidine		330	10	9.8	326	370	U	0.37
Benzo (a) anthracene		330	10	9.8	326	370	U	0.37
Chrysene		330	10	9.8	326	370	U	0.37
bis (2-Ethylhexyl) phthalate		1500	1302	1272.0	42399	48154	E	48
Di-n-octylphthalate		1500	7	7.3	244	277	J	0.28
Benzo (b) fluoranthene		330	10	9.8	326	370	U	0.37
Benzo (k) fluoranthene		330	10	9.8	326	370	U	0.37
Benzo (a) pyrene		330	10	9.8	326	370	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	9.8	326	370	U	0.37
Dibenzo (a,h) anthracene		330	10	9.8	326	370	U	0.37
Benzo (g,h,i) perylene		330	10	9.8	326	370	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43.0	43	25-121
Phenol-d6		55.2	55	24-113
Nitrobenzene-d5		64.5	65	23-120
2-Fluorobiphenyl		69.9	70	30-115
2,4,6-Tribromophenol		45.3	45	19-122
Terphenyl-d14		79.1	79	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.7
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-04DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-85	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS003	Percent Solids:	88
Data File Name:	SA04332	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.8	326	18497	U	18
Phenol		550	10	9.8	326	18497	U	18
2-Chlorophenol		550	10	9.8	326	18497	U	18
1,3-Dichlorobenzene		330	10	9.8	326	18497	U	18
1,4-Dichlorobenzene		330	10	9.8	326	18497	U	18
1,2-Dichlorobenzene		330	10	9.8	326	18497	U	18
Benzyl Alcohol		330	10	9.8	326	18497	U	18
bis (2-Chloroisopropyl) ether		330	10	9.8	326	18497	U	18
2-Methylphenol		550	10	9.8	326	18497	U	18
Hexachloroethane		330	10	9.8	326	18497	U	18
N-Nitroso-di-n-propylamine		330	10	9.8	326	18497	U	18
4-Methylphenol		550	10	9.8	326	18497	U	18
Nitrobenzene		330	10	9.8	326	18497	U	18
Isophorone		330	10	9.8	326	18497	U	18
2-Nitrophenol		550	10	9.8	326	18497	U	18
2,4-Dimethylphenol		550	10	9.8	326	18497	U	18
bis (2-Chloroethoxy) methane		330	10	9.8	326	18497	U	18
2,4-Dichlorophenol		550	10	9.8	326	18497	U	18
Benzoic Acid		330	10	9.8	326	18497	U	18
1,2,4-Trichlorobenzene		330	10	9.8	326	18497	U	18
Naphthalene		330	10	9.8	326	18497	U	18
4-Chloroaniline		330	10	9.8	326	18497	U	18
Hexachlorobutadiene		330	10	9.8	326	18497	U	18
4-Chloro-3-methylphenol		330	10	9.8	326	18497	U	18
2-Methylnaphthalene		330	10	9.8	326	18497	U	18
Hexachlorocyclopentadiene		330	10	9.8	326	18497	U	18
2,4,6-Trichlorophenol		550	10	9.8	326	18497	U	18
2,4,5-Trichlorophenol		550	10	9.8	326	18497	U	18
2-Chloronaphthalene		330	10	9.8	326	18497	U	18
2-Nitroaniline		330	10	9.8	326	18497	U	18
Acenaphthalene		330	10	9.8	326	18497	U	18
Dimethylphthalate		1500	10	9.8	326	18497	U	18
2,6-Dinitrotoluene		330	10	9.8	326	18497	U	18
3-Nitroaniline		330	10	9.8	326	18497	U	18
Acenaphthene		330	10	9.8	326	18497	U	18
2,4-Dinitrophenol		550	10	9.8	326	18497	U	18
Dibenzofuran		330	10	9.8	326	18497	U	18
2,4-Dinitrotoluene		330	10	9.8	326	18497	U	18
4-Nitrophenol		550	10	9.8	326	18497	U	18
Fluorene		550	10	9.8	326	18497	U	18
4-Chlorophenyl-phenyl ether		330	10	9.8	326	18497	U	18
Diethylphthalate		1500	10	9.8	326	18497	U	18
4-Nitroaniline		330	10	9.8	326	18497	U	18
4,6-Dinitro-2-methylphenol		550	10	9.8	326	18497	U	18
N-Nitrosodiphenylamine		330	10	9.8	326	18497	U	18
4-Bromophenyl-phenylether		330	10	9.8	326	18497	U	18
Hexachlorobenzene		330	10	9.8	326	18497	U	18
Pentachlorophenol		550	10	9.8	326	18497	U	18
Phenanthrene		330	10	9.8	326	18497	U	18
Anthracene		330	10	9.8	326	18497	U	18
Di-n-butylphthalate		1500	10	9.8	326	18497	U	18
Fluoranthene		330	10	9.8	326	18497	U	18
Pyrene		330	10	9.8	326	18497	U	18
Butylbenzylphthalate		**1500**	**46**	**44.6**	**1488**	**84476**		**84**
3,3-Dichlorobenzidine		330	10	9.8	326	18497	U	18
Benzo (a) anthracene		330	10	9.8	326	18497	U	18
Chrysene		330	10	9.8	326	18497	U	18
bis (2-Ethylhexyl) phthalate		**1500**	**86**	**84.2**	**2808**	**159444**		**159**
Di-n-octylphthalate		1500	10	9.8	326	18497	U	18
Benzo (b) fluoranthene		330	10	9.8	326	18497	U	18
Benzo (k) fluoranthene		330	10	9.8	326	18497	U	18
Benzo (a) pyrene		330	10	9.8	326	18497	U	18
Indeno (1,2,3-cd) pyrene		330	10	9.8	326	18497	U	18
Dibenzo (a,h) anthracene		330	10	9.8	326	18497	U	18
Benzo (g,h,i) perylene		330	10	9.8	326	18497	U	18

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.3	15	25-121
Phenol-d6		0.1	5	24-113
Nitrobenzene-d5		0.0	1	23-120
2-Fluorobiphenyl		0.2	9	30-115
2,4,6-Tribromophenol		0.0	2	19-122
Terphenyl-d14		0.6	28	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.2
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-91	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04309	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	3867	U	3.87
Phenol		550	10	9.9	331	3867	U	3.87
2-Chlorophenol		550	10	9.9	331	3867	U	3.87
1,3-Dichlorobenzene		330	10	9.9	331	3867	U	3.87
1,4-Dichlorobenzene		330	10	9.9	331	3867	U	3.87
1,2-Dichlorobenzene		330	10	9.9	331	3867	U	3.87
Benzyl Alcohol		330	10	9.9	331	3867	U	3.87
bis (2-Chloroisopropyl) ether		330	10	9.9	331	3867	U	3.87
2-Methylphenol		550	10	9.9	331	3867	U	3.87
Hexachloroethane		330	10	9.9	331	3867	U	3.87
N-Nitroso-di-n-propylamine		330	10	9.9	331	3867	U	3.87
4-Methylphenol		550	10	9.9	331	3867	U	3.87
Nitrobenzene		330	10	9.9	331	3867	U	3.87
Isophorone		330	10	9.9	331	3867	U	3.87
2-Nitrophenol		550	10	9.9	331	3867	U	3.87
2,4-Dimethylphenol		550	10	9.9	331	3867	U	3.87
bis (2-Chloroethoxy) methane		330	10	9.9	331	3867	U	3.87
2,4-Dichlorophenol		550	10	9.9	331	3867	U	3.87
Benzoic Acid		330	10	9.9	331	3867	U	3.87
1,2,4-Trichlorobenzene		330	10	9.9	331	3867	U	3.87
Naphthalene		330	10	9.9	331	3867	U	3.87
4-Chloroaniline		330	10	9.9	331	3867	U	3.87
Hexachlorobutadiene		330	10	9.9	331	3867	U	3.87
4-Chloro-3-methylphenol		330	10	9.9	331	3867	U	3.87
2-Methylnaphthalene		330	10	9.9	331	3867	U	3.87
Hexachlorocyclopentadiene		330	10	9.9	331	3867	U	3.87
2,4,6-Trichlorophenol		550	10	9.9	331	3867	U	3.87
2,4,5-Trichlorophenol		550	10	9.9	331	3867	U	3.87
2-Chloronaphthalene		330	10	9.9	331	3867	U	3.87
2-Nitroaniline		330	10	9.9	331	3867	U	3.87
Acenaphthalene		330	10	9.9	331	3867	U	3.87
Dimethylphthalate		1500	10	9.9	331	3867	U	3.87
2,6-Dinitrotoluene		330	10	9.9	331	3867	U	3.87
3-Nitroaniline		330	10	9.9	331	3867	U	3.87
Acenaphthene		330	10	9.9	331	3867	U	3.87
2,4-Dinitrophenol		550	10	9.9	331	3867	U	3.87
Dibenzofuran		330	10	9.9	331	3867	U	3.87
2,4-Dinitrotoluene		330	10	9.9	331	3867	U	3.87
4-Nitrophenol		550	10	9.9	331	3867	U	3.87
Fluorene		550	10	9.9	331	3867	U	3.87
4-Chlorophenyl-phenyl ether		330	10	9.9	331	3867	U	3.87
Diethylphthalate		1500	10	9.9	331	3867	U	3.87
4-Nitroaniline		330	10	9.9	331	3867	U	3.87
4,6-Dinitro-2-methylphenol		550	10	9.9	331	3867	U	3.87
N-Nitrosodiphenylamine		330	10	9.9	331	3867	U	3.87
4-Bromophenyl-phenylether		330	10	9.9	331	3867	U	3.87
Hexachlorobenzene		330	10	9.9	331	3867	U	3.87
Pentachlorophenol		550	10	9.9	331	3867	U	3.87
Phenanthrene		330	10	9.9	331	3867	U	3.87
Anthracene		330	10	9.9	331	3867	U	3.87
Di-n-butylphthalate		1500	10	9.9	331	3867	U	3.87
Fluoranthene		330	12	12.0	400	4671		4.67
Pyrene		330	17	17.2	572	6678		6.68
Butylbenzylphthalate		1500	10	9.9	331	3867	U	3.87
3,3-Dichlorobenzidine		330	10	9.9	331	3867	U	3.87
Benzo (a) anthracene		330	9	8.5	284	3322		3.32
Chrysene		330	10	9.9	331	3867	U	3.87
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	3867	U	3.87
Di-n-octylphthalate		1500	10	9.9	331	3867	U	3.87
Benzo (b) fluoranthene		330	14	13.9	463	5402		5.40
Benzo (k) fluoranthene		330	10	9.9	331	3867	U	3.87
Benzo (a) pyrene		330	10	9.9	331	3867	U	3.87
Indeno (1,2,3-cd) pyrene		330	10	9.9	331	3867	U	3.87
Dibenzo (a,h) anthracene		330	10	9.9	331	3867	U	3.87
Benzo (g,h,i) perylene		330	10	9.9	331	3867	U	3.87

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.2	32	25-121
Phenol-d6		5.3	53	24-113
Nitrobenzene-d5		7.4	74	23-120
2-Fluorobiphenyl		9.1	91	30-115
2,4,6-Tribromophenol		1.0	10	19-122
Terphenyl-d14		12.2	122	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS; repeat at x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30 6
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-06	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-86	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	76
Data File Name:	SA04300	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.8	327	428	U	0.43
Phenol		550	10	9.8	327	428	U	0.43
2-Chlorophenol		550	10	9.8	327	428	U	0.43
1,3-Dichlorobenzene		330	10	9.8	327	428	U	0.43
1,4-Dichlorobenzene		330	10	9.8	327	428	U	0.43
1,2-Dichlorobenzene		330	10	9.8	327	428	U	0.43
Benzyl Alcohol		330	10	9.8	327	428	U	0.43
bis (2-Chloroisopropyl) ether		330	10	9.8	327	428	U	0.43
2-Methylphenol		550	10	9.8	327	428	U	0.43
Hexachloroethane		330	10	9.8	327	428	U	0.43
N-Nitroso-di-n-propylamine		330	10	9.8	327	428	U	0.43
4-Methylphenol		550	10	9.8	327	428	U	0.43
Nitrobenzene		330	10	9.8	327	428	U	0.43
Isophorone		330	10	9.8	327	428	U	0.43
2-Nitrophenol		550	10	9.8	327	428	U	0.43
2,4-Dimethylphenol		550	10	9.8	327	428	U	0.43
bis (2-Chloroethoxy) methane		330	10	9.8	327	428	U	0.43
2,4-Dichlorophenol		550	10	9.8	327	428	U	0.43
Benzoic Acid		330	10	9.8	327	428	U	0.43
1,2,4-Trichlorobenzene		330	10	9.8	327	428	U	0.43
Naphthalene		330	10	9.8	327	428	U	0.43
4-Chloroaniline		330	10	9.8	327	428	U	0.43
Hexachlorobutadiene		330	10	9.8	327	428	U	0.43
4-Chloro-3-methylphenol		330	10	9.8	327	428	U	0.43
2-Methylnaphthalene		330	10	9.8	327	428	U	0.43
Hexachlorocyclopentadiene		330	10	9.8	327	428	U	0.43
2,4,6-Trichlorophenol		550	10	9.8	327	428	U	0.43
2,4,5-Trichlorophenol		550	10	9.8	327	428	U	0.43
2-Chloronaphthalene		330	10	9.8	327	428	U	0.43
2-Nitroaniline		330	10	9.8	327	428	U	0.43
Acenaphthalene		330	10	9.8	327	428	U	0.43
Dimethylphthalate		1500	10	9.8	327	428	U	0.43
2,6-Dinitrotoluene		330	10	9.8	327	428	U	0.43
3-Nitroaniline		330	10	9.8	327	428	U	0.43
Acenaphthene		330	10	9.8	327	428	U	0.43
2,4-Dinitrophenol		550	10	9.8	327	428	U	0.43
Dibenzofuran		330	10	9.8	327	428	U	0.43
2,4-Dinitrotoluene		330	10	9.8	327	428	U	0.43
4-Nitrophenol		550	10	9.8	327	428	U	0.43
Fluorene		550	10	9.8	327	428	U	0.43
4-Chlorophenyl-phenyl ether		330	10	9.8	327	428	U	0.43
Diethylphthalate		1500	10	9.8	327	428	U	0.43
4-Nitroaniline		330	10	9.8	327	428	U	0.43
4,6-Dinitro-2-methylphenol		550	10	9.8	327	428	U	0.43
N-Nitrosodiphenylamine		330	10	9.8	327	428	U	0.43
4-Bromophenyl-phenylether		330	10	9.8	327	428	U	0.43
Hexachlorobenzene		330	10	9.8	327	428	U	0.43
Pentachlorophenol		550	10	9.8	327	428	U	0.43
Phenanthrene		330	10	9.8	327	428	U	0.43
Anthracene		330	10	9.8	327	428	U	0.43
Di-n-butylphthalate		1500	10	9.8	327	428	U	0.43
Fluoranthene		330	10	9.8	327	428	U	0.43
Pyrene		330	10	9.8	327	428	U	0.43
Butylbenzylphthalate		1500	10	9.8	327	428	U	0.43
3,3-Dichlorobenzidine		330	10	9.8	327	428	U	0.43
Benzo (a) anthracene		330	10	9.8	327	428	U	0.43
Chrysene		330	10	9.8	327	428	U	0.43
bis (2-Ethylhexyl) phthalate		1500	10	9.8	327	428	U	0.43
Di-n-octylphthalate		1500	10	9.8	327	428	U	0.43
Benzo (b) fluoranthene		330	10	9.8	327	428	U	0.43
Benzo (k) fluoranthene		330	10	9.8	327	428	U	0.43
Benzo (a) pyrene		330	10	9.8	327	428	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	9.8	327	428	U	0.43
Dibenzo (a,h) anthracene		330	10	9.8	327	428	U	0.43
Benzo (g,h,i) perylene		330	10	9.8	327	428	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		53.5	53	25-121
Phenol-d6		65.0	65	24-113
Nitrobenzene-d5		69.1	69	23-120
2-Fluorobiphenyl		80.0	80	30-115
2,4,6-Tribromophenol		78.2	78	19-122
Terphenyl-d14		77.6	78	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID.	URS110901-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-50	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date.	11/11/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix.	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	25
Analysis Method:	*SW8270C*	*Spike Amount.*	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04311	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	9579	U	9.58
Phenol		550	10	9.9	329	9579	U	9.58
2-Chlorophenol		550	10	9.9	329	9579	U	9.58
1,3-Dichlorobenzene		330	10	9.9	329	9579	U	9.58
1,4-Dichlorobenzene		330	95	94.1	3136	91308		91
1,2-Dichlorobenzene		330	10	9.4	314	9148		9.15
Benzyl Alcohol		330	10	9.9	329	9579	U	9.58
bis (2-Chloroisopropyl) ether		330	10	9.9	329	9579	U	9.58
2-Methylphenol		550	10	9.9	329	9579	U	9.58
Hexachloroethane		330	10	9.9	329	9579	U	9.58
N-Nitroso-di-n-propylamine		330	10	9.9	329	9579	U	9.58
4-Methylphenol		550	10	9.9	329	9579	U	9.58
Nitrobenzene		330	10	9.9	329	9579	U	9.58
Isophorone		330	10	9.9	329	9579	U	9.58
2-Nitrophenol		550	10	9.9	329	9579	U	9.58
2,4-Dimethylphenol		550	10	9.9	329	9579	U	9.58
bis (2-Chloroethoxy) methane		330	10	9.9	329	9579	U	9.58
2,4-Dichlorophenol		550	10	9.9	329	9579	U	9.58
Benzoic Acid		330	10	9.9	329	9579	U	9.58
1,2,4-Trichlorobenzene		330	10	9.9	329	9579	U	9.58
Naphthalene		330	10	9.9	329	9579	U	9.58
4-Chloroaniline		330	10	9.9	329	9579	U	9.58
Hexachlorobutadiene		330	10	9.9	329	9579	U	9.58
4-Chloro-3-methylphenol		330	10	9.9	329	9579	U	9.58
2-Methylnaphthalene		330	10	9.9	329	9579	U	9.58
Hexachlorocyclopentadiene		330	10	9.9	329	9579	U	9.58
2,4,6-Trichlorophenol		550	10	9.9	329	9579	U	9.58
2,4,5-Trichlorophenol		550	10	9.9	329	9579	U	9.58
2-Chloronaphthalene		330	10	9.9	329	9579	U	9.58
2-Nitroaniline		330	10	9.9	329	9579	U	9.58
Acenaphthalene		330	10	9.9	329	9579	U	9.58
Dimethylphthalate		1500	10	9.9	329	9579	U	9.58
2,6-Dinitrotoluene		330	10	9.9	329	9579	U	9.58
3-Nitroaniline		330	10	9.9	329	9579	U	9.58
Acenaphthene		330	10	9.9	329	9579	U	9.58
2,4-Dinitrophenol		550	10	9.9	329	9579	U	9.58
Dibenzofuran		330	10	9.9	329	9579	U	9.58
2,4-Dinitrotoluene		330	10	9.9	329	9579	U	9.58
4-Nitrophenol		550	10	9.9	329	9579	U	9.58
Fluorene		550	10	9.9	329	9579	U	9.58
4-Chlorophenyl-phenyl ether		330	10	9.9	329	9579	U	9.58
Diethylphthalate		1500	10	9.9	329	9579	U	9.58
4-Nitroaniline		330	10	9.9	329	9579	U	9.58
4,6-Dinitro-2-methylphenol		550	10	9.9	329	9579	U	9.58
N-Nitrosodiphenylamine		330	10	9.9	329	9579	U	9.58
4-Bromophenyl-phenylether		330	10	9.9	329	9579	U	9.58
Hexachlorobenzene		330	10	9.9	329	9579	U	9.58
Pentachlorophenol		550	13	12.7	422	12280		12.28
Phenanthrene		330	10	9.9	329	9579	U	9.58
Anthracene		330	10	9.9	329	9579	U	9.58
Di-n-butylphthalate		1500	10	9.9	329	9579	U	9.58
Fluoranthene		330	10	9.9	329	9579		9.58
Pyrene		330	10	9.9	329	9579	U	9.58
Butylbenzylphthalate		1500	10	9.9	329	9579	U	9.58
3,3-Dichlorobenzidine		330	10	9.9	329	9579	U	9.58
Benzo (a) anthracene		330	10	9.9	329	9579	U	9.58
Chrysene		330	10	9.9	329	9579	U	9.58
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	9579		9.58
Di-n-octylphthalate		1500	10	9.9	329	9579	U	9.58
Benzo (b) fluoranthene		330	6	5.8	194	5642		5.64
Benzo (k) fluoranthene		330	10	9.9	329	9579	U	9.58
Benzo (a) pyrene		330	10	9.9	329	9579	U	9.58
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	9579	U	9.58
Dibenzo (a,h) anthracene		330	10	9.9	329	9579	U	9.58
Benzo (g,h,i) perylene		330	10	9.9	329	9579	U	9.58

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		6.1	152	25-121
Phenol-d6		6.9	173	24-113
Nitrobenzene-d5		6.5	163	23-120
2-Fluorobiphenyl		8.6	215	30-115
2,4,6-Tribromophenol		7.2	181	19-122
Terphenyl-d14		12.7	318	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS; repeat at x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-07RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-50	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/12/01
Date Sample Received	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	25
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA043335	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	9579	U	9.58
Phenol		550	10	9.9	329	9579	U	9.58
2-Chlorophenol		550	10	9.9	329	9579	U	9.58
1,3-Dichlorobenzene		330	10	9.9	329	9579	U	9.58
1,4-Dichlorobenzene		330	100	98.3	3276	95408		95
1,2-Dichlorobenzene		330	10	9.6	319	9301		9.30
Benzyl Alcohol		330	10	9.9	329	9579	U	9.58
bis (2-Chloroisopropyl) ether		330	10	9.9	329	9579	U	9.58
2-Methylphenol		550	10	9.9	329	9579	U	9.58
Hexachloroethane		330	10	9.9	329	9579	U	9.58
N-Nitroso-di-n-propylamine		330	10	9.9	329	9579	U	9.58
4-Methylphenol		550	10	9.9	329	9579	U	9.58
Nitrobenzene		330	10	9.9	329	9579	U	9.58
Isophorone		330	10	9.9	329	9579	U	9.58
2-Nitrophenol		550	10	9.9	329	9579	U	9.58
2,4-Dimethylphenol		550	10	9.9	329	9579	U	9.58
bis (2-Chloroethoxy) methane		330	10	9.9	329	9579	U	9.58
2,4-Dichlorophenol		550	10	9.9	329	9579	U	9.58
Benzoic Acid		330	10	9.9	329	9579	U	9.58
1,2,4-Trichlorobenzene		330	10	9.9	329	9579	U	9.58
Naphthalene		330	10	9.9	329	9579	U	9.58
4-Chloroaniline		330	10	9.9	329	9579	U	9.58
Hexachlorobutadiene		330	10	9.9	329	9579	U	9.58
4-Chloro-3-methylphenol		330	10	9.9	329	9579	U	9.58
2-Methylnaphthalene		330	10	9.9	329	9579	U	9.58
Hexachlorocyclopentadiene		330	10	9.9	329	9579	U	9.58
2,4,6-Trichlorophenol		550	10	9.9	329	9579	U	9.58
2,4,5-Trichlorophenol		550	10	9.9	329	9579	U	9.58
2-Chloronaphthalene		330	10	9.9	329	9579	U	9.58
2-Nitroaniline		330	10	9.9	329	9579	U	9.58
Acenaphthalene		330	10	9.9	329	9579	U	9.58
Dimethylphthalate		1500	10	9.9	329	9579	U	9.58
2,6-Dinitrotoluene		330	10	9.9	329	9579	U	9.58
3-Nitroaniline		330	10	9.9	329	9579	U	9.58
Acenaphthene		330	10	9.9	329	9579	U	9.58
2,4-Dinitrophenol		550	10	9.9	329	9579	U	9.58
Dibenzofuran		330	10	9.9	329	9579	U	9.58
2,4-Dinitrotoluene		330	10	9.9	329	9579	U	9.58
4-Nitrophenol		550	10	9.9	329	9579	U	9.58
Fluorene		550	10	9.9	329	9579	U	9.58
4-Chlorophenyl-phenyl ether		330	10	9.9	329	9579	U	9.58
Diethylphthalate		1500	10	9.9	329	9579	U	9.58
4-Nitroaniline		330	10	9.9	329	9579	U	9.58
4,6-Dinitro-2-methylphenol		550	10	9.9	329	9579	U	9.58
N-Nitrosodiphenylamine		330	10	9.9	329	9579	U	9.58
4-Bromophenyl-phenylether		330	10	9.9	329	9579	U	9.58
Hexachlorobenzene		330	10	9.9	329	9579	U	9.58
Pentachlorophenol		550	12	12.1	403	11725		11.72
Phenanthrene		330	10	9.9	329	9579	U	9.58
Anthracene		330	10	9.9	329	9579	U	9.58
Di-n-butylphthalate		1500	10	9.9	329	9579	U	9.58
Fluoranthene		330	10	9.9	329	9579	U	9.58
Pyrene		330	10	9.9	329	9579	U	9.58
Butylbenzylphthalate		1500	10	9.9	329	9579	U	9.58
3,3-Dichlorobenzidine		330	10	9.9	329	9579	U	9.58
Benzo (a) anthracene		330	10	9.9	329	9579	U	9.58
Chrysene		330	10	9.9	329	9579	U	9.58
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	9579	U	9.58
Di-n-octylphthalate		1500	10	9.9	329	9579	U	9.58
Benzo (b) fluoranthene		330	10	9.9	329	9579	U	9.58
Benzo (k) fluoranthene		330	10	9.9	329	9579	U	9.58
Benzo (a) pyrene		330	10	9.9	329	9579	U	9.58
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	9579	U	9.58
Dibenzo (a,h) anthracene		330	10	9.9	329	9579	U	9.58
Benzo (g,h,i) perylene		330	10	9.9	329	9579	U	9.58

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		6.3	157	25-121
Phenol-d6		4.7	117	24-113
Nitrobenzene-d5		5.1	127	23-120
2-Fluorobiphenyl		6.9	172	30-115
2,4,6-Tribromophenol		6.2	155	19-122 *
Terphenyl-d14		9.4	235	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS confirms

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.8
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-08	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-98	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	86
Data File Name:	SA04310	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.7	325	3782	U	3.78
Phenol		550	10	9.7	325	3782	U	3.78
2-Chlorophenol		550	10	9.7	325	3782	U	3.78
1,3-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
1,4-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
1,2-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
Benzyl Alcohol		330	10	9.7	325	3782	U	3.78
bis (2-Chloroisopropyl) ether		330	10	9.7	325	3782	U	3.78
2-Methylphenol		550	10	9.7	325	3782	U	3.78
Hexachloroethane		330	10	9.7	325	3782	U	3.78
N-Nitroso-di-n-propylamine		330	10	9.7	325	3782	U	3.78
4-Methylphenol		550	10	9.7	325	3782	U	3.78
Nitrobenzene		330	10	9.7	325	3782	U	3.78
Isophorone		330	10	9.7	325	3782	U	3.78
2-Nitrophenol		550	10	9.7	325	3782	U	3.78
2,4-Dimethylphenol		550	10	9.7	325	3782	U	3.78
bis (2-Chloroethoxy) methane		330	10	9.7	325	3782	U	3.78
2,4-Dichlorophenol		550	10	9.7	325	3782	U	3.78
Benzoic Acid		330	10	9.7	325	3782	U	3.78
1,2,4-Trichlorobenzene		330	10	9.7	325	3782	U	3.78
Naphthalene		330	10	9.7	325	3782	U	3.78
4-Chloroaniline		330	10	9.7	325	3782	U	3.78
Hexachlorobutadiene		330	10	9.7	325	3782	U	3.78
4-Chloro-3-methylphenol		330	10	9.7	325	3782	U	3.78
2-Methylnaphthalene		330	10	9.7	325	3782	U	3.78
Hexachlorocyclopentadiene		330	10	9.7	325	3782	U	3.78
2,4,6-Trichlorophenol		550	10	9.7	325	3782	U	3.78
2,4,5-Trichlorophenol		550	10	9.7	325	3782	U	3.78
2-Chloronaphthalene		330	10	9.7	325	3782	U	3.78
2-Nitroaniline		330	10	9.7	325	3782	U	3.78
Acenaphthalene		330	10	9.7	325	3782	U	3.78
Dimethylphthalate		1500	10	9.7	325	3782	U	3.78
2,6-Dinitrotoluene		330	10	9.7	325	3782	U	3.78
3-Nitroaniline		330	10	9.7	325	3782	U	3.78
Acenaphthene		330	10	9.7	325	3782	U	3.78
2,4-Dinitrophenol		550	10	9.7	325	3782	U	3.78
Dibenzofuran		330	10	9.7	325	3782	U	3.78
2,4-Dinitrotoluene		330	10	9.7	325	3782	U	3.78
4-Nitrophenol		550	10	9.7	325	3782	U	3.78
Fluorene		550	10	9.7	325	3782	U	3.78
4-Chlorophenyl-phenyl ether		330	10	9.7	325	3782	U	3.78
Diethylphthalate		1500	10	9.7	325	3782	U	3.78
4-Nitroaniline		330	10	9.7	325	3782	U	3.78
4,6-Dinitro-2-methylphenol		550	10	9.7	325	3782	U	3.78
N-Nitrosodiphenylamine		330	10	9.7	325	3782	U	3.78
4-Bromophenyl-phenylether		330	10	9.7	325	3782	U	3.78
Hexachlorobenzene		330	10	9.7	325	3782	U	3.78
Pentachlorophenol		550	10	9.7	325	3782	U	3.78
Phenanthrene		330	6	5.7	190	**2216**		**2.22**
Anthracene		330	10	9.7	325	3782	U	3.78
Di-n-butylphthalate		1500	10	9.7	325	3782	U	3.78
Fluoranthene		330	15	14.6	486	**5661**		**5.66**
Pyrene		330	25	24.6	821	**9561**		**9.56**
Butylbenzylphthalate		1500	10	9.7	325	3782	U	3.78
3,3-Dichlorobenzidine		330	10	9.7	325	3782	U	3.78
Benzo (a) anthracene		330	11	10.9	363	**4228**		**4.23**
Chrysene		330	10	9.7	325	3782	U	3.78
bis (2-Ethylhexyl) phthalate		1500	10	9.7	325	3782	U	3.78
Di-n-octylphthalate		1500	10	9.7	325	3782	U	3.78
Benzo (b) fluoranthene		330	15	14.5	485	**5646**		**5.65**
Benzo (k) fluoranthene		330	10	9.7	325	3782	U	3.78
Benzo (a) pyrene		330	6	6.0	201	**2341**		**2.34**
Indeno (1,2,3-cd) pyrene		330	10	9.7	325	3782	U	3.78
Dibenzo (a,h) anthracene		330	10	9.7	325	3782	U	3.78
Benzo (g,h,i) perylene		330	10	9.7	325	3782	U	3.78

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.0	30	25-121
Phenol-d6		5.0	50	24-113
Nitrobenzene-d5		6.6	66	23-120
2-Fluorobiphenyl		9.0	90	30-115
2,4,6-Tribromophenol		1.1	11	19-122
Terphenyl-d14		13.1	131	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS; repeat at x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.8
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-08RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-98	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS003	Percent Solids:	86
Data File Name:	SA04336	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.7	325	3782	U	3.78
Phenol		550	10	9.7	325	3782	U	3.78
2-Chlorophenol		550	10	9.7	325	3782	U	3.78
1,3-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
1,4-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
1,2-Dichlorobenzene		330	10	9.7	325	3782	U	3.78
Benzyl Alcohol		330	10	9.7	325	3782	U	3.78
bis (2-Chloroisopropyl) ether		330	10	9.7	325	3782	U	3.78
2-Methylphenol		550	10	9.7	325	3782	U	3.78
Hexachloroethane		330	10	9.7	325	3782	U	3.78
N-Nitroso-di-n-propylamine		330	10	9.7	325	3782	U	3.78
4-Methylphenol		550	10	9.7	325	3782	U	3.78
Nitrobenzene		330	10	9.7	325	3782	U	3.78
Isophorone		330	10	9.7	325	3782	U	3.78
2-Nitrophenol		550	10	9.7	325	3782	U	3.78
2,4-Dimethylphenol		550	10	9.7	325	3782	U	3.78
bis (2-Chloroethoxy) methane		330	10	9.7	325	3782	U	3.78
2,4-Dichlorophenol		550	10	9.7	325	3782	U	3.78
Benzoic Acid		330	10	9.7	325	3782	U	3.78
1,2,4-Trichlorobenzene		330	10	9.7	325	3782	U	3.78
Naphthalene		330	10	9.7	325	3782	U	3.78
4-Chloroaniline		330	10	9.7	325	3782	U	3.78
Hexachlorobutadiene		330	10	9.7	325	3782	U	3.78
4-Chloro-3-methylphenol		330	10	9.7	325	3782	U	3.78
2-Methylnaphthalene		330	10	9.7	325	3782	U	3.78
Hexachlorocyclopentadiene		330	10	9.7	325	3782	U	3.78
2,4,6-Trichlorophenol		550	10	9.7	325	3782	U	3.78
2,4,5-Trichlorophenol		550	10	9.7	325	3782	U	3.78
2-Chloronaphthalene		330	10	9.7	325	3782	U	3.78
2-Nitroaniline		330	10	9.7	325	3782	U	3.78
Acenaphthalene		330	10	9.7	325	3782	U	3.78
Dimethylphthalate		1500	10	9.7	325	3782	U	3.78
2,6-Dinitrotoluene		330	10	9.7	325	3782	U	3.78
3-Nitroaniline		330	10	9.7	325	3782	U	3.78
Acenaphthene		330	10	9.7	325	3782	U	3.78
2,4-Dinitrophenol		550	10	9.7	325	3782	U	3.78
Dibenzofuran		330	10	9.7	325	3782	U	3.78
2,4-Dinitrotoluene		330	10	9.7	325	3782	U	3.78
4-Nitrophenol		550	10	9.7	325	3782	U	3.78
Fluorene		550	10	9.7	325	3782	U	3.78
4-Chlorophenyl-phenyl ether		330	10	9.7	325	3782	U	3.78
Diethylphthalate		1500	10	9.7	325	3782	U	3.78
4-Nitroaniline		330	10	9.7	325	3782	U	3.78
4,6-Dinitro-2-methylphenol		550	10	9.7	325	3782	U	3.78
N-Nitrosodiphenylamine		330	10	9.7	325	3782	U	3.78
4-Bromophenyl-phenylether		330	10	9.7	325	3782	U	3.78
Hexachlorobenzene		330	10	9.7	325	3782	U	3.78
Pentachlorophenol		550	10	9.7	325	3782	U	3.78
Phenanthrene		330	5	5.2	174	2023	J	2.02
Anthracene		330	10	9.7	325	3782	U	3.78
Di-n-butylphthalate		1500	10	9.7	325	3782	U	3.78
Fluoranthene		330	6	5.5	182	2125	J	2.13
Pyrene		330	6	6.3	209	2436	J	2.44
Butylbenzylphthalate		1500	10	9.7	325	3782	U	3.78
3,3-Dichlorobenzidine		330	10	9.7	325	3782	U	3.78
Benzo (a) anthracene		330	10	9.7	325	3782	U	3.78
Chrysene		330	10	9.7	325	3782	U	3.78
bis (2-Ethylhexyl) phthalate		1500	10	9.7	325	3782	U	3.78
Di-n-octylphthalate		1500	10	9.7	325	3782	U	3.78
Benzo (b) fluoranthene		330	10	9.7	325	3782	U	3.78
Benzo (k) fluoranthene		330	10	9.7	325	3782	U	3.78
Benzo (a) pyrene		330	10	9.7	325	3782	U	3.78
Indeno (1,2,3-cd) pyrene		330	10	9.7	325	3782	U	3.78
Dibenzo (a,h) anthracene		330	10	9.7	325	3782	U	3.78
Benzo (g,h,i) perylene		330	10	9.7	325	3782	U	3.78

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5.1	51	25-121
Phenol-d6		3.0	30	24-113
Nitrobenzene-d5		3.9	39	23-120
2-Fluorobiphenyl		6.0	60	30-115
2,4,6-Tribromophenol		5.6	56	19-122
Terphenyl-d14		8.6	86	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-09	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-79	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	89
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3739	U	3.74
Phenol		550	10	10.0	333	3739	U	3.74
2-Chlorophenol		550	10	10.0	333	3739	U	3.74
1,3-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
1,4-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
1,2-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
Benzyl Alcohol		330	10	10.0	333	3739	U	3.74
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3739	U	3.74
2-Methylphenol		550	10	10.0	333	3739	U	3.74
Hexachloroethane		330	10	10.0	333	3739	U	3.74
N-Nitroso-di-n-propylamine		330	10	10.0	333	3739	U	3.74
4-Methylphenol		550	10	10.0	333	3739	U	3.74
Nitrobenzene		330	10	10.0	333	3739	U	3.74
Isophorone		330	10	10.0	333	3739	U	3.74
2-Nitrophenol		550	10	10.0	333	3739	U	3.74
2,4-Dimethylphenol		550	10	10.0	333	3739	U	3.74
bis (2-Chloroethoxy) methane		330	10	10.0	333	3739	U	3.74
2,4-Dichlorophenol		550	10	10.0	333	3739	U	3.74
Benzoic Acid		330	10	10.0	333	3739	U	3.74
1,2,4-Trichlorobenzene		330	10	10.0	333	3739	U	3.74
Naphthalene		330	10	10.0	333	3739	U	3.74
4-Chloroaniline		330	10	10.0	333	3739	U	3.74
Hexachlorobutadiene		330	10	10.0	333	3739	U	3.74
4-Chloro-3-methylphenol		330	10	10.0	333	3739	U	3.74
2-Methylnaphthalene		330	10	10.0	333	3739	U	3.74
Hexachlorocyclopentadiene		330	10	10.0	333	3739	U	3.74
2,4,6-Trichlorophenol		550	10	10.0	333	3739	U	3.74
2,4,5-Trichlorophenol		550	10	10.0	333	3739	U	3.74
2-Chloronaphthalene		330	10	10.0	333	3739	U	3.74
2-Nitroaniline		330	10	10.0	333	3739	U	3.74
Acenaphthalene		330	10	10.0	333	3739	U	3.74
Dimethylphthalate		1500	10	10.0	333	3739	U	3.74
2,6-Dinitrotoluene		330	10	10.0	333	3739	U	3.74
3-Nitroaniline		330	10	10.0	333	3739	U	3.74
Acenaphthene		330	10	10.0	333	3739	U	3.74
2,4-Dinitrophenol		550	10	10.0	333	3739	U	3.74
Dibenzofuran		330	10	10.0	333	3739	U	3.74
2,4-Dinitrotoluene		330	10	10.0	333	3739	U	3.74
4-Nitrophenol		550	10	10.0	333	3739	U	3.74
Fluorene		550	10	10.0	333	3739	U	3.74
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3739	U	3.74
Diethylphthalate		1500	10	10.0	333	3739	U	3.74
4-Nitroaniline		330	10	10.0	333	3739	U	3.74
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3739	U	3.74
N-Nitrosodiphenylamine		330	10	10.0	333	3739	U	3.74
4-Bromophenyl-phenylether		330	10	10.0	333	3739	U	3.74
Hexachlorobenzene		330	10	10.0	333	3739	U	3.74
Pentachlorophenol		550	10	10.0	333	3739	U	3.74
Phenanthrene		330	5	5.0	167	1873		1.87
Anthracene		330	10	10.0	333	3739	U	3.74
Di-n-butylphthalate		1500	10	10.0	333	3739	U	3.74
Fluoranthene		330	13	12.6	420	4712		4.71
Pyrene		330	15	14.6	485	5441		5.44
Butylbenzylphthalate		1500	10	10.0	333	3739	U	3.74
3,3-Dichlorobenzidine		330	10	10.0	333	3739	U	3.74
Benzo (a) anthracene		330	8	7.7	258	2894		2.89
Chrysene		330	9	9.2	306	3429		3.43
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3739	U	3.74
Di-n-octylphthalate		1500	10	10.0	333	3739	U	3.74
Benzo (b) fluoranthene		330	7	6.6	221	2483		2.48
Benzo (k) fluoranthene		330	10	10.0	333	3739	U	3.74
Benzo (a) pyrene		330	10	10.0	333	3739	U	3.74
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3739	U	3.74
Dibenzo (a,h) anthracene		330	10	10.0	333	3739	U	3.74
Benzo (g,h,i) perylene		330	10	10.0	333	3739	U	3.74

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.4	34	25-121
Phenol-d6		5.7	57	24-113
Nitrobenzene-d5		7.8	78	23-120
2-Fluorobiphenyl		8.9	89	30-115
2,4,6-Tribromophenol		1.1	11	19-122 *
Terphenyl-d14		10.1	101	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight bas Comment : Low IS; repeat at x 10

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-09RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-79	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	89
Data File Name:	SA04333	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3739	U	3.74
Phenol		550	10	10.0	333	3739	U	3.74
2-Chlorophenol		550	10	10.0	333	3739	U	3.74
1,3-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
1,4-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
1,2-Dichlorobenzene		330	10	10.0	333	3739	U	3.74
Benzyl Alcohol		330	10	10.0	333	3739	U	3.74
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3739	U	3.74
2-Methylphenol		550	10	10.0	333	3739	U	3.74
Hexachloroethane		330	10	10.0	333	3739	U	3.74
N-Nitroso-di-n-propylamine		330	10	10.0	333	3739	U	3.74
4-Methylphenol		550	10	10.0	333	3739	U	3.74
Nitrobenzene		330	10	10.0	333	3739	U	3.74
Isophorone		330	10	10.0	333	3739	U	3.74
2-Nitrophenol		550	10	10.0	333	3739	U	3.74
2,4-Dimethylphenol		550	10	10.0	333	3739	U	3.74
bis (2-Chloroethoxy) methane		330	10	10.0	333	3739	U	3.74
2,4-Dichlorophenol		550	10	10.0	333	3739	U	3.74
Benzoic Acid		330	10	10.0	333	3739	U	3.74
1,2,4-Trichlorobenzene		330	10	10.0	333	3739	U	3.74
Naphthalene		330	10	10.0	333	3739	U	3.74
4-Chloroaniline		330	10	10.0	333	3739	U	3.74
Hexachlorobutadiene		330	10	10.0	333	3739	U	3.74
4-Chloro-3-methylphenol		330	10	10.0	333	3739	U	3.74
2-Methylnaphthalene		330	10	10.0	333	3739	U	3.74
Hexachlorocyclopentadiene		330	10	10.0	333	3739	U	3.74
2,4,6-Trichlorophenol		550	10	10.0	333	3739	U	3.74
2,4,5-Trichlorophenol		550	10	10.0	333	3739	U	3.74
2-Chloronaphthalene		330	10	10.0	333	3739	U	3.74
2-Nitroaniline		330	10	10.0	333	3739	U	3.74
Acenaphthalene		330	10	10.0	333	3739	U	3.74
Dimethylphthalate		1500	10	10.0	333	3739	U	3.74
2,6-Dinitrotoluene		330	10	10.0	333	3739	U	3.74
3-Nitroaniline		330	10	10.0	333	3739	U	3.74
Acenaphthene		330	10	10.0	333	3739	U	3.74
2,4-Dinitrophenol		550	10	10.0	333	3739	U	3.74
Dibenzofuran		330	10	10.0	333	3739	U	3.74
2,4-Dinitrotoluene		330	10	10.0	333	3739	U	3.74
4-Nitrophenol		550	10	10.0	333	3739	U	3.74
Fluorene		550	10	10.0	333	3739	U	3.74
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3739	U	3.74
Diethylphthalate		1500	10	10.0	333	3739	U	3.74
4-Nitroaniline		330	10	10.0	333	3739	U	3.74
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3739	U	3.74
N-Nitrosodiphenylamine		330	10	10.0	333	3739	U	3.74
4-Bromophenyl-phenylether		330	10	10.0	333	3739	U	3.74
Hexachlorobenzene		330	10	10.0	333	3739	U	3.74
Pentachlorophenol		550	10	10.0	333	3739	U	3.74
Phenanthrene		330	10	10.0	333	3739	U	3.74
Anthracene		330	10	10.0	333	3739	U	3.74
Di-n-butylphthalate		1500	10	10.0	333	3739	U	3.74
Fluoranthene		330	13	12.5	417	4674		4.67
Pyrene		330	12	11.8	394	4420		4.42
Butylbenzylphthalate		1500	10	10.0	333	3739	U	3.74
3,3-Dichlorobenzidine		330	10	10.0	333	3739	U	3.74
Benzo (a) anthracene		330	10	10.0	333	3739	U	3.74
Chrysene		330	6	6.0	198	2225		2.22
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3739	U	3.74
Di-n-octylphthalate		1500	10	10.0	333	3739	U	3.74
Benzo (b) fluoranthene		330	6	5.9	197	2210		2.21
Benzo (k) fluoranthene		330	10	10.0	333	3739	U	3.74
Benzo (a) pyrene		330	10	10.0	333	3739	U	3.74
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3739	U	3.74
Dibenzo (a,h) anthracene		330	10	10.0	333	3739	U	3.74
Benzo (g,h,i) perylene		330	10	10.0	333	3739	U	3.74

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3.2	32	25-121
Phenol-d6		3.1	31	24-113
Nitrobenzene-d5		4.8	48	23-120
2-Fluorobiphenyl		6.9	69	30-115
2,4,6-Tribromophenol		0.8	8	19-122
Terphenyl-d14		8.5	85	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Comment : Compare previous run

Analyst Signature Date Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30.4
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-80	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	89
Data File Name:	SA04308	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	3689	U	3.69
Phenol		550	10	9.9	329	3689	U	3.69
2-Chlorophenol		550	10	9.9	329	3689	U	3.69
1,3-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
1,4-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
1,2-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
Benzyl Alcohol		330	10	9.9	329	3689	U	3.69
bis (2-Chloroisopropyl) ether		330	10	9.9	329	3689	U	3.69
2-Methylphenol		550	10	9.9	329	3689	U	3.69
Hexachloroethane		330	10	9.9	329	3689	U	3.69
N-Nitroso-di-n-propylamine		*330*	*10*	*9.9*	*329*	*3689*	*U*	*3.69*
4-Methylphenol		550	10	9.9	329	3689	U	3.69
Nitrobenzene		330	10	9.9	329	3689	U	3.69
Isophorone		330	10	9.9	329	3689	U	3.69
2-Nitrophenol		550	10	9.9	329	3689	U	3.69
2,4-Dimethylphenol		550	10	9.9	329	3689	U	3.69
bis (2-Chloroethoxy) methane		330	10	9.9	329	3689	U	3.69
2,4-Dichlorophenol		550	10	9.9	329	3689	U	3.69
Benzoic Acid		330	10	9.9	329	3689	U	3.69
1,2,4-Trichlorobenzene		330	10	9.9	329	3689	U	3.69
Naphthalene		330	10	9.9	329	3689	U	3.69
4-Chloroaniline		330	10	9.9	329	3689	U	3.69
Hexachlorobutadiene		330	10	9.9	329	3689	U	3.69
4-Chloro-3-methylphenol		330	10	9.9	329	3689	U	3.69
2-Methylnaphthalene		330	10	9.9	329	3689	U	3.69
Hexachlorocyclopentadiene		330	10	9.9	329	3689	U	3.69
2,4,6-Trichlorophenol		550	10	9.9	329	3689	U	3.69
2,4,5-Trichlorophenol		550	10	9.9	329	3689	U	3.69
2-Chloronaphthalene		330	10	9.9	329	3689	U	3.69
2-Nitroaniline		330	10	9.9	329	3689	U	3.69
Acenaphthalene		330	10	9.9	329	3689	U	3.69
Dimethylphthalate		1500	10	9.9	329	3689	U	3.69
2,6-Dinitrotoluene		330	10	9.9	329	3689	U	3.69
3-Nitroaniline		330	10	9.9	329	3689	U	3.69
Acenaphthene		330	10	9.9	329	3689	U	3.69
2,4-Dinitrophenol		550	10	9.9	329	3689	U	3.69
Dibenzofuran		330	10	9.9	329	3689	U	3.69
2,4-Dinitrotoluene		330	10	9.9	329	3689	U	3.69
4-Nitrophenol		550	10	9.9	329	3689	U	3.69
Fluorene		550	10	9.9	329	3689	U	3.69
4-Chlorophenyl-phenyl ether		330	10	9.9	329	3689	U	3.69
Diethylphthalate		1500	10	9.9	329	3689	U	3.69
4-Nitroaniline		330	10	9.9	329	3689	U	3.69
4,6-Dinitro-2-methylphenol		550	10	9.9	329	3689	U	3.69
N-Nitrosodiphenylamine		330	10	9.9	329	3689	U	3.69
4-Bromophenyl-phenylether		330	10	9.9	329	3689	U	3.69
Hexachlorobenzene		330	10	9.9	329	3689	U	3.69
Pentachlorophenol		550	10	9.9	329	3689	U	3.69
Phenanthrene		330	6	5.9	197	**2213**		**2.21**
Anthracene		330	10	9.9	329	3689	U	3.69
Di-n-butylphthalate		1500	10	9.9	329	3689	U	3.69
Fluoranthene		330	16	16.1	537	**6017**		**6.02**
Pyrene		330	22	21.5	715	**8020**		**8.02**
Butylbenzylphthalate		1500	10	9.9	329	3689	U	3.69
3,3-Dichlorobenzidine		330	10	9.9	329	3689	U	3.69
Benzo (a) anthracene		330	11	11.1	370	**4146**		**4.15**
Chrysene		330	10	9.9	329	3689	U	3.69
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	3689	U	3.69
Di-n-octylphthalate		1500	10	9.9	329	3689	U	3.69
Benzo (b) fluoranthene		330	18	18.2	607	**6810**		**6.81**
Benzo (k) fluoranthene		330	10	9.9	329	3689	U	3.69
Benzo (a) pyrene		330	6	6.2	206	**2306**		**2.31**
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	3689	U	3.69
Dibenzo (a,h) anthracene		330	10	9.9	329	3689	U	3.69
Benzo (g,h,i) perylene		330	10	9.9	329	3689	U	3.69

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2.9	29	25-121
Phenol-d6		5.1	51	24-113
Nitrobenzene-d5		6.9	69	23-120
2-Fluorobiphenyl		8.6	86	30-115
2,4,6-Tribromophenol		0.9	9	19-122 *
Terphenyl-d14		11.4	114	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : Low IS; repeat at x 10

Analyst Signature Date

Review Signature Date

URS Contract:		Sample Amount:	30 4
Lab Delivery Group:	URS110901	Lab Prep Date:	11/09/01
Lab Sample ID:	URS110901-10RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-80	Prep Method 2:	
Date Sample Collected:	11/09/01	Lab Analysis Date:	11/12/01
Date Sample Received:	11/09/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	89
Data File Name:	SA04334	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	3689	U	3.69
Phenol		550	10	9.9	329	3689	U	3.69
2-Chlorophenol		550	10	9.9	329	3689	U	3.69
1,3-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
1,4-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
1,2-Dichlorobenzene		330	10	9.9	329	3689	U	3.69
Benzyl Alcohol		330	10	9.9	329	3689	U	3.69
bis (2-Chloroisopropyl) ether		330	10	9.9	329	3689	U	3.69
2-Methylphenol		550	10	9.9	329	3689	U	3.69
Hexachloroethane		330	10	9.9	329	3689	U	3.69
N-Nitroso-di-n-propylamine		330	10	9.9	329	3689	U	3.69
4-Methylphenol		550	10	9.9	329	3689	U	3.69
Nitrobenzene		330	10	9.9	329	3689	U	3.69
Isophorone		330	10	9.9	329	3689	U	3.69
2-Nitrophenol		550	10	9.9	329	3689	U	3.69
2,4-Dimethylphenol		550	10	9.9	329	3689	U	3.69
bis (2-Chloroethoxy) methane		330	10	9.9	329	3689	U	3.69
2,4-Dichlorophenol		550	10	9.9	329	3689	U	3.69
Benzoic Acid		330	10	9.9	329	3689	U	3.69
1,2,4-Trichlorobenzene		330	10	9.9	329	3689	U	3.69
Naphthalene		330	10	9.9	329	3689	U	3.69
4-Chloroaniline		330	10	9.9	329	3689	U	3.69
Hexachlorobutadiene		330	10	9.9	329	3689	U	3.69
4-Chloro-3-methylphenol		330	10	9.9	329	3689	U	3.69
2-Methylnaphthalene		330	10	9.9	329	3689	U	3.69
Hexachlorocyclopentadiene		330	10	9.9	329	3689	U	3.69
2,4,6-Trichlorophenol		550	10	9.9	329	3689	U	3.69
2,4,5-Trichlorophenol		550	10	9.9	329	3689	U	3.69
2-Chloronaphthalene		330	10	9.9	329	3689	U	3.69
2-Nitroaniline		330	10	9.9	329	3689	U	3.69
Acenaphthalene		330	10	9.9	329	3689	U	3.69
Dimethylphthalate		1500	10	9.9	329	3689	U	3.69
2,6-Dinitrotoluene		330	10	9.9	329	3689	U	3.69
3-Nitroaniline		330	10	9.9	329	3689	U	3.69
Acenaphthene		330	10	9.9	329	3689	U	3.69
2,4-Dinitrophenol		550	10	9.9	329	3689	U	3.69
Dibenzofuran		330	10	9.9	329	3689	U	3.69
2,4-Dinitrotoluene		330	10	9.9	329	3689	U	3.69
4-Nitrophenol		550	10	9.9	329	3689	U	3.69
Fluorene		550	10	9.9	329	3689	U	3.69
4-Chlorophenyl-phenyl ether		330	10	9.9	329	3689	U	3.69
Diethylphthalate		1500	10	9.9	329	3689	U	3.69
4-Nitroaniline		330	10	9.9	329	3689	U	3.69
4,6-Dinitro-2-methylphenol		550	10	9.9	329	3689	U	3.69
N-Nitrosodiphenylamine		330	10	9.9	329	3689	U	3.69
4-Bromophenyl-phenylether		330	10	9.9	329	3689	U	3.69
Hexachlorobenzene		330	10	9.9	329	3689	U	3.69
Pentachlorophenol		550	10	9.9	329	3689	U	3.69
Phenanthrene		330	5	5.4	181	2025		2.03
Anthracene		330	10	9.9	329	3689	U	3.69
Di-n-butylphthalate		1500	10	9.9	329	3689	U	3.69
Fluoranthene		330	15	14.9	496	5559		5.56
Pyrene		330	17	17.0	566	6352		6.35
Butylbenzylphthalate		1500	10	9.9	329	3689	U	3.69
3,3-Dichlorobenzidine		330	10	9.9	329	3689	U	3.69
Benzo (a) anthracene		330	6	5.5	184	2058		2.06
Chrysene		330	7	7.3	242	2711		2.71
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	3689	U	3.69
Di-n-octylphthalate		1500	10	9.9	329	3689	U	3.69
Benzo (b) fluoranthene		330	8	7.7	256	2866		2.87
Benzo (k) fluoranthene		330	10	9.9	329	3689	U	3.69
Benzo (a) pyrene		330	5	5.0	168	1885		1.89
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	3689	U	3.69
Dibenzo (a,h) anthracene		330	10	9.9	329	3689	U	3.69
Benzo (g,h,i) perylene		330	10	9.9	329	3689	U	3.69

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2.7	27	25-121
Phenol-d6		3.0	30	24-113
Nitrobenzene-d5		4.7	47	23-120
2-Fluorobiphenyl		7.0	70	30-115
2,4,6-Tribromophenol		0.6	6	19-122 *
Terphenyl-d14		9.7	97	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment : comfirms prevoius run

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30.2
Lab Delivery Group.	URS111001	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111001-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-45	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	75
Data File Name.	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	4440	U	4.44
Phenol		550	10	9.9	331	4440	U	4.44
2-Chlorophenol		550	10	9.9	331	4440	U	4.44
1,3-Dichlorobenzene		330	10	9.9	331	4440	U	4.44
1,4-Dichlorobenzene		330	10	9.9	331	4440	U	4.44
1,2-Dichlorobenzene		330	10	9.9	331	4440	U	4.44
Benzyl Alcohol		330	10	9.9	331	4440	U	4.44
bis (2-Chloroisopropyl) ether		330	10	9.9	331	4440	U	4.44
2-Methylphenol		550	10	9.9	331	4440	U	4.44
Hexachloroethane		330	10	9.9	331	4440	U	4.44
N-Nitroso-di-n-propylamine		330	10	9.9	331	4440	U	4.44
4-Methylphenol		550	10	9.9	331	4440	U	4.44
Nitrobenzene		330	10	9.9	331	4440	U	4.44
Isophorone		330	10	9.9	331	4440	U	4.44
2-Nitrophenol		550	10	9.9	331	4440	U	4.44
2,4-Dimethylphenol		550	10	9.9	331	4440	U	4.44
bis (2-Chloroethoxy) methane		330	10	9.9	331	4440	U	4.44
2,4-Dichlorophenol		550	10	9.9	331	4440	U	4.44
Benzoic Acid		330	10	9.9	331	4440	U	4.44
1,2,4-Trichlorobenzene		330	10	9.9	331	4440	U	4.44
Naphthalene		330	10	8.3	275	3692	J	3.69
4-Chloroaniline		330	10	9.9	331	4440	U	4.44
Hexachlorobutadiene		330	10	9.9	331	4440	U	4.44
4-Chloro-3-methylphenol		330	10	9.9	331	4440	U	4.44
2-Methylnaphthalene		330	10	14.1	469	6289		6.29
Hexachlorocyclopentadiene		330	10	9.9	331	4440	U	4.44
2,4,6-Trichlorophenol		550	10	9.9	331	4440	U	4.44
2,4,5-Trichlorophenol		550	10	9.9	331	4440	U	4.44
2-Chloronaphthalene		330	10	9.9	331	4440	U	4.44
2-Nitroaniline		330	10	9.9	331	4440	U	4.44
Acenaphthalene		330	10	9.9	331	4440	U	4.44
Dimethylphthalate		1500	10	9.9	331	4440	U	4.44
2,6-Dinitrotoluene		330	10	9.9	331	4440	U	4.44
3-Nitroaniline		330	10	9.9	331	4440	U	4.44
Acenaphthene		330	10	9.9	331	4440	U	4.44
2,4-Dinitrophenol		550	10	9.9	331	4440	U	4.44
Dibenzofuran		330	10	9.9	331	4440	U	4.44
2,4-Dinitrotoluene		330	10	9.9	331	4440	U	4.44
4-Nitrophenol		550	10	9.9	331	4440	U	4.44
Fluorene		550	10	9.9	331	4440	U	4.44
4-Chlorophenyl-phenyl ether		330	10	9.9	331	4440	U	4.44
Diethylphthalate		1500	10	9.9	331	4440	U	4.44
4-Nitroaniline		330	10	9.9	331	4440	U	4.44
4,6-Dinitro-2-methylphenol		550	10	9.9	331	4440	U	4.44
N-Nitrosodiphenylamine		330	10	9.9	331	4440	U	4.44
4-Bromophenyl-phenylether		330	10	9.9	331	4440	U	4.44
Hexachlorobenzene		330	10	9.9	331	4440	U	4.44
Pentachlorophenol		550	10	9.9	331	4440	U	4.44
Phenanthrene		330	7	7.1	237	3184	J	3.18
Anthracene		330	10	9.9	331	4440	U	4.44
Di-n-butylphthalate		1500	10	9.9	331	4440	U	4.44
Fluoranthene		330	10	9.9	331	4440	U	4.44
Pyrene		330	10	9.9	331	4440	U	4.44
Butylbenzylphthalate		1500	10	9.9	331	4440	U	4.44
3,3-Dichlorobenzidine		330	10	9.9	331	4440	U	4.44
Benzo (a) anthracene		330	10	9.9	331	4440	U	4.44
Chrysene		330	10	9.9	331	4440	U	4.44
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	4440	U	4.44
Di-n-octylphthalate		1500	10	9.9	331	4440	U	4.44
Benzo (b) fluoranthene		330	10	9.9	331	4440	U	4.44
Benzo (k) fluoranthene		330	10	9.9	331	4440	U	4.44
Benzo (a) pyrene		330	10	9.9	331	4440	U	4.44
Indeno (1,2,3-cd) pyrene		330	10	9.9	331	4440	U	4.44
Dibenzo (a,h) anthracene		330	10	9.9	331	4440	U	4.44
Benzo (g,h,i) perylene		330	10	9.9	331	4440	U	4.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol			0	25-121
Phenol-d6			0	24-113
Nitrobenzene-d5			0	23-120
2-Fluorobiphenyl			0	30-115
2,4,6-Tribromophenol			0	19-122
Terphenyl-d14			0	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111001	Lab Prep Date	11/11/01
Lab Sample ID:	URS111001-02	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-51	Prep Method 2	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	75
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	447	U	0.45
Phenol		550	10	10.0	333	447	U	0.45
2-Chlorophenol		550	10	10.0	333	447	U	0.45
1,3-Dichlorobenzene		330	10	10.0	333	447	U	0.45
1,4-Dichlorobenzene		330	10	10.0	333	447	U	0.45
1,2-Dichlorobenzene		330	10	10.0	333	447	U	0.45
Benzyl Alcohol		330	10	10.0	333	447	U	0.45
bis (2-Chloroisopropyl) ether		330	10	10.0	333	447	U	0.45
2-Methylphenol		550	10	10.0	333	447	U	0.45
Hexachloroethane		330	10	10.0	333	447	U	0.45
N-Nitroso-di-n-propylamine		330	10	10.0	333	447	U	0.45
4-Methylphenol		550	10	10.0	333	447	U	0.45
Nitrobenzene		330	10	10.0	333	447	U	0.45
Isophorone		330	10	10.0	333	447	U	0.45
2-Nitrophenol		550	10	10.0	333	447	U	0.45
2,4-Dimethylphenol		550	10	10.0	333	447	U	0.45
bis (2-Chloroethoxy) methane		330	10	10.0	333	447	U	0.45
2,4-Dichlorophenol		550	10	10.0	333	447	U	0.45
Benzoic Acid		330	10	10.0	333	447	U	0.45
1,2,4-Trichlorobenzene		330	10	10.0	333	447	U	0.45
Naphthalene		330	10	10.0	333	447	U	0.45
4-Chloroaniline		330	10	10.0	333	447	U	0.45
Hexachlorobutadiene		330	10	10.0	333	447	U	0.45
4-Chloro-3-methylphenol		330	10	10.0	333	447	U	0.45
2-Methylnaphthalene		330	10	10.0	333	447	U	0.45
Hexachlorocyclopentadiene		330	10	10.0	333	447	U	0.45
2,4,6-Trichlorophenol		550	10	10.0	333	447	U	0.45
2,4,5-Trichlorophenol		550	10	10.0	333	447	U	0.45
2-Chloronaphthalene		330	10	10.0	333	447	U	0.45
2-Nitroaniline		330	10	10.0	333	447	U	0.45
Acenaphthalene		330	10	10.0	333	447	U	0.45
Dimethylphthalate		1500	10	10.0	333	447	U	0.45
2,6-Dinitrotoluene		330	10	10.0	333	447	U	0.45
3-Nitroaniline		330	10	10.0	333	447	U	0.45
Acenaphthene		330	10	10.0	333	447	U	0.45
2,4-Dinitrophenol		550	10	10.0	333	447	U	0.45
Dibenzofuran		330	10	10.0	333	447	U	0.45
2,4-Dinitrotoluene		330	10	10.0	333	447	U	0.45
4-Nitrophenol		550	10	10.0	333	447	U	0.45
Fluorene		550	10	10.0	333	447	U	0.45
4-Chlorophenyl-phenyl ether		330	10	10.0	333	447	U	0.45
Diethylphthalate		1500	10	10.0	333	447	U	0.45
4-Nitroaniline		330	10	10.0	333	447	U	0.45
4,6-Dinitro-2-methylphenol		550	10	10.0	333	447	U	0.45
N-Nitrosodiphenylamine		330	10	10.0	333	447	U	0.45
4-Bromophenyl-phenylether		330	10	10.0	333	447	U	0.45
Hexachlorobenzene		330	10	10.0	333	447	U	0.45
Pentachlorophenol		550	10	10.0	333	447	U	0.45
Phenanthrene		330	10	10.0	333	447	U	0.45
Anthracene		330	10	10.0	333	447	U	0.45
Di-n-butylphthalate		1500	10	10.0	333	447	U	0.45
Fluoranthene		330	10	10.0	333	447	U	0.45
Pyrene		330	10	10.0	333	447	U	0.45
Butylbenzylphthalate		1500	10	10.0	333	447	U	0.45
3,3-Dichlorobenzidine		330	10	10.0	333	447	U	0.45
Benzo (a) anthracene		330	10	10.0	333	447	U	0.45
Chrysene		330	10	10.0	333	447	U	0.45
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	447	U	0.45
Di-n-octylphthalate		1500	10	10.0	333	447	U	0.45
Benzo (b) fluoranthene		330	10	10.0	333	447	U	0.45
Benzo (k) fluoranthene		330	10	10.0	333	447	U	0.45
Benzo (a) pyrene		330	10	10.0	333	447	U	0.45
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	447	U	0.45
Dibenzo (a,h) anthracene		330	10	10.0	333	447	U	0.45
Benzo (g,h,i) perylene		330	10	10.0	333	447	U	0.45

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		20.8	21	25-121
Phenol-d6		25.4	25	24-113
Nitrobenzene-d5		58.4	58	23-120
2-Fluorobiphenyl		66.4	66	30-115
2,4,6-Tribromophenol		51.8	52	19-122
Terphenyl-d14		61.2	61	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount	30
Lab Delivery Group:	URS111001	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111001-03	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-57	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/10/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids:	90
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	371	U	0.37
Phenol		550	10	10.0	333	371	U	0.37
2-Chlorophenol		550	10	10.0	333	371	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	371	U	0.37
1,4-Dichlorobenzene		330	10	10.0	333	371	U	0.37
1,2-Dichlorobenzene		330	10	10.0	333	371	U	0.37
Benzyl Alcohol		330	10	10.0	333	371	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	371	U	0.37
2-Methylphenol		550	10	10.0	333	371	U	0.37
Hexachloroethane		330	10	10.0	333	371	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	371	U	0.37
4-Methylphenol		550	10	10.0	333	371	U	0.37
Nitrobenzene		330	10	10.0	333	371	U	0.37
Isophorone		330	10	10.0	333	371	U	0.37
2-Nitrophenol		550	10	10.0	333	371	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	371	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	371	U	0.37
2,4-Dichlorophenol		550	10	10.0	333	371	U	0.37
Benzoic Acid		330	10	10.0	333	371	U	0.37
1,2,4-Trichlorobenzene		330	10	10.0	333	371	U	0.37
Naphthalene		330	10	10.0	333	371	U	0.37
4-Chloroaniline		330	10	10.0	333	371	U	0.37
Hexachlorobutadiene		330	10	10.0	333	371	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	371	U	0.37
2-Methylnaphthalene		330	10	10.0	333	371	U	0.37
Hexachlorocyclopentadiene		330	10	10.0	333	371	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	371	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	371	U	0.37
2-Chloronaphthalene		330	10	10.0	333	371	U	0.37
2-Nitroaniline		330	10	10.0	333	371	U	0.37
Acenaphthalene		330	10	10.0	333	371	U	0.37
Dimethylphthalate		1500	10	10.0	333	371	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	371	U	0.37
3-Nitroaniline		330	10	10.0	333	371	U	0.37
Acenaphthene		330	10	10.0	333	371	U	0.37
2,4-Dinitrophenol		550	10	10.0	333	371	U	0.37
Dibenzofuran		330	10	10.0	333	371	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	371	U	0.37
4-Nitrophenol		550	10	10.0	333	371	U	0.37
Fluorene		550	10	10.0	333	371	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10.0	333	371	U	0.37
Diethylphthalate		1500	10	10.0	333	371	U	0.37
4-Nitroaniline		330	10	10.0	333	371	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	371	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	371	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	371	U	0.37
Hexachlorobenzene		330	10	10.0	333	371	U	0.37
Pentachlorophenol		550	10	10.0	333	371	U	0.37
Phenanthrene		330	10	10.0	333	371	U	0.37
Anthracene		330	10	10.0	333	371	U	0.37
Di-n-butylphthalate		1500	10	10.0	333	371	U	0.37
Fluoranthene		330	10	10.0	333	371	U	0.37
Pyrene		330	10	10.0	333	371	U	0.37
Butylbenzylphthalate		1500	10	10.0	333	371	U	0.37
3,3-Dichlorobenzidine		330	10	10.0	333	371	U	0.37
Benzo (a) anthracene		330	10	10.0	333	371	U	0.37
Chrysene		330	10	10.0	333	371	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	371	U	0.37
Di-n-octylphthalate		1500	10	10.0	333	371	U	0.37
Benzo (b) fluoranthene		330	10	10.0	333	371	U	0.37
Benzo (k) fluoranthene		330	10	10.0	333	371	U	0.37
Benzo (a) pyrene		330	10	10.0	333	371	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	371	U	0.37
Dibenzo (a,h) anthracene		330	10	10.0	333	371	U	0.37
Benzo (g,h,i) perylene		330	10	10.0	333	371	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34.8	35	25-121
Phenol-d6		39.5	40	24-113
Nitrobenzene-d5		59.9	60	23-120
2-Fluorobiphenyl		69.6	70	30-115
2,4,6-Tribromophenol		71.0	71	19-122
Terphenyl-d14		65.1	65	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111001	Lab Prep Date	11/10/01
Lab Sample ID:	URS111001-04	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-63	Prep Method 2	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/10/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS002	Percent Solids.	94
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	355	U	0.36
Phenol		550	10	10.0	333	355	U	0.36
2-Chlorophenol		550	10	10.0	333	355	U	0.36
1,3-Dichlorobenzene		330	10	10.0	333	355	U	0.36
1,4-Dichlorobenzene		330	10	10.0	333	355	U	0.36
1,2-Dichlorobenzene		330	10	10.0	333	355	U	0.36
Benzyl Alcohol		330	10	10.0	333	355	U	0.36
bis (2-Chloroisopropyl) ether		330	10	10.0	333	355	U	0.36
2-Methylphenol		550	10	10.0	333	355	U	0.36
Hexachloroethane		330	10	10.0	333	355	U	0.36
N-Nitroso-di-n-propylamine		330	10	10.0	333	355	U	0.36
4-Methylphenol		550	10	10.0	333	355	U	0.36
Nitrobenzene		330	10	10.0	333	355	U	0.36
Isophorone		330	10	10.0	333	355	U	0.36
2-Nitrophenol		550	10	10.0	333	355	U	0.36
2,4-Dimethylphenol		550	10	10.0	333	355	U	0.36
bis (2-Chloroethoxy) methane		330	10	10.0	333	355	U	0.36
2,4-Dichlorophenol		550	10	10.0	333	355	U	0.36
Benzoic Acid		330	10	10.0	333	355	U	0.36
1,2,4-Trichlorobenzene		330	10	10.0	333	355	U	0.36
Naphthalene		330	10	10.0	333	355	U	0.36
4-Chloroaniline		330	10	10.0	333	355	U	0.36
Hexachlorobutadiene		330	10	10.0	333	355	U	0.36
4-Chloro-3-methylphenol		330	10	10.0	333	355	U	0.36
2-Methylnaphthalene		330	10	10.0	333	355	U	0.36
Hexachlorocyclopentadiene		330	10	10.0	333	355	U	0.36
2,4,6-Trichlorophenol		550	10	10.0	333	355	U	0.36
2,4,5-Trichlorophenol		550	10	10.0	333	355	U	0.36
2-Chloronaphthalene		330	10	10.0	333	355	U	0.36
2-Nitroaniline		330	10	10.0	333	355	U	0.36
Acenaphthalene		330	10	10.0	333	355	U	0.36
Dimethylphthalate		1500	10	10.0	333	355	U	0.36
2,6-Dinitrotoluene		330	10	10.0	333	355	U	0.36
3-Nitroaniline		330	10	10.0	333	355	U	0.36
Acenaphthene		**330**	**5**	**5.2**	**174**	**186**	**J**	**0.19**
2,4-Dinitrophenol		550	10	10.0	333	355	U	0.36
Dibenzofuran		330	10	10.0	333	355	U	0.36
2,4-Dinitrotoluene		330	10	10.0	333	355	U	0.36
4-Nitrophenol		550	10	10.0	333	355	U	0.36
Fluorene		**550**	**5**	**5.1**	**171**	**182**	**J**	**0.18**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	355	U	0.36
Diethylphthalate		1500	10	10.0	333	355	U	0.36
4-Nitroaniline		330	10	10.0	333	355	U	0.36
4,6-Dinitro-2-methylphenol		550	10	10.0	333	355	U	0.36
N-Nitrosodiphenylamine		330	10	10.0	333	355	U	0.36
4-Bromophenyl-phenylether		330	10	10.0	333	355	U	0.36
Hexachlorobenzene		330	10	10.0	333	355	U	0.36
Pentachlorophenol		550	10	10.0	333	355	U	0.36
Phenanthrene		**330**	**48**	**48.4**	**1614**	**1719**		**1.72**
Anthracene		**330**	**13**	**13.4**	**445**	**474**		**0.47**
Di-n-butylphthalate		1500	10	10.0	333	355	U	0.36
Fluoranthene		**330**	**67**	**66.8**	**2226**	**2371**		**2.37**
Pyrene		**330**	**65**	**65.5**	**2183**	**2325**		**2.33**
Butylbenzylphthalate		1500	10	10.0	333	355	U	0.36
3,3-Dichlorobenzidine		330	10	10.0	333	355	U	0.36
Benzo (a) anthracene		**330**	**45**	**45.1**	**1502**	**1600**		**1.60**
Chrysene		**330**	**44**	**44.3**	**1475**	**1571**		**1.57**
bis (2-Ethylhexyl) phthalate		**1500**	**5**	**5.2**	**172**	**184**	**J**	**0.18**
Di-n-octylphthalate		1500	10	10.0	333	355	U	0.36
Benzo (b) fluoranthene		**330**	**45**	**44.7**	**1489**	**1586**		**1.59**
Benzo (k) fluoranthene		**330**	**17**	**16.5**	**550**	**586**		**0.59**
Benzo (a) pyrene		**330**	**33**	**33.0**	**1099**	**1171**		**1.17**
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	355	U	0.36
Dibenzo (a,h) anthracene		330	10	10.0	333	355	U	0.36
Benzo (g,h,i) perylene		**330**	**10**	**10.2**	**340**	**363**		**0.36**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5.5	5	25-121
Phenol-d6		44.0	44	24-113
Nitrobenzene-d5		69.0	69	23-120
2-Fluorobiphenyl		83.0	83	30-115
2,4,6-Tribromophenol		2.5	2	19-122
Terphenyl-d14		85.5	85	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30.2
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-05	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-69	Prep Method 2	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	75
Data File Name:	SA04328	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	444	U	0.44
Phenol		550	10	9.9	331	444	U	0.44
2-Chlorophenol		550	10	9.9	331	444	U	0.44
1,3-Dichlorobenzene		330	10	9.9	331	444	U	0.44
1,4-Dichlorobenzene		330	10	9.9	331	444	U	0.44
1,2-Dichlorobenzene		330	10	9.9	331	444	U	0.44
Benzyl Alcohol		330	10	9.9	331	444	U	0.44
bis (2-Chloroisopropyl) ether		330	10	9.9	331	444	U	0.44
2-Methylphenol		550	10	9.9	331	444	U	0.44
Hexachloroethane		330	10	9.9	331	444	U	0.44
N-Nitroso-di-n-propylamine		330	10	9.9	331	444	U	0.44
4-Methylphenol		550	10	9.9	331	444	U	0.44
Nitrobenzene		330	10	9.9	331	444	U	0.44
Isophorone		330	10	9.9	331	444	U	0.44
2-Nitrophenol		550	10	9.9	331	444	U	0.44
2,4-Dimethylphenol		550	10	9.9	331	444	U	0.44
bis (2-Chloroethoxy) methane		330	10	9.9	331	444	U	0.44
2,4-Dichlorophenol		550	10	9.9	331	444	U	0.44
Benzoic Acid		330	10	9.9	331	444	U	0.44
1,2,4-Trichlorobenzene		330	10	9.9	331	444	U	0.44
Naphthalene		330	10	9.9	331	444	U	0.44
4-Chloroaniline		330	10	9.9	331	444	U	0.44
Hexachlorobutadiene		330	10	9.9	331	444	U	0.44
4-Chloro-3-methylphenol		330	10	9.9	331	444	U	0.44
2-Methylnaphthalene		330	10	9.9	331	444	U	0.44
Hexachlorocyclopentadiene		330	10	9.9	331	444	U	0.44
2,4,6-Trichlorophenol		550	10	9.9	331	444	U	0.44
2,4,5-Trichlorophenol		550	10	9.9	331	444	U	0.44
2-Chloronaphthalene		330	10	9.9	331	444	U	0.44
2-Nitroaniline		330	10	9.9	331	444	U	0.44
Acenaphthalene		330	10	9.9	331	444	U	0.44
Dimethylphthalate		1500	10	9.9	331	444	U	0.44
2,6-Dinitrotoluene		330	10	9.9	331	444	U	0.44
3-Nitroaniline		330	10	9.9	331	444	U	0.44
Acenaphthene		330	10	9.9	331	444	U	0.44
2,4-Dinitrophenol		550	10	9.9	331	444	U	0.44
Dibenzofuran		330	10	9.9	331	444	U	0.44
2,4-Dinitrotoluene		330	10	9.9	331	444	U	0.44
4-Nitrophenol		550	10	9.9	331	444	U	0.44
Fluorene		550	10	9.9	331	444	U	0.44
4-Chlorophenyl-phenyl ether		330	10	9.9	331	444	U	0.44
Diethylphthalate		1500	10	9.9	331	444	U	0.44
4-Nitroaniline		330	10	9.9	331	444	U	0.44
4,6-Dinitro-2-methylphenol		550	10	9.9	331	444	U	0.44
N-Nitrosodiphenylamine		330	10	9.9	331	444	U	0.44
4-Bromophenyl-phenylether		330	10	9.9	331	444	U	0.44
Hexachlorobenzene		330	10	9.9	331	444	U	0.44
Pentachlorophenol		550	10	9.9	331	444	U	0.44
Phenanthrene		330	10	9.9	331	444	U	0.44
Anthracene		330	10	9.9	331	444	U	0.44
Di-n-butylphthalate		1500	10	9.9	331	444	U	0.44
Fluoranthene		330	10	9.9	331	444	U	0.44
Pyrene		330	10	9.9	331	444	U	0.44
Butylbenzylphthalate		1500	10	9.9	331	444	U	0.44
3,3-Dichlorobenzidine		330	10	9.9	331	444	U	0.44
Benzo (a) anthracene		330	10	9.9	331	444	U	0.44
Chrysene		330	10	9.9	331	444	U	0.44
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	444	U	0.44
Di-n-octylphthalate		1500	10	9.9	331	444	U	0.44
Benzo (b) fluoranthene		330	10	9.9	331	444	U	0.44
Benzo (k) fluoranthene		330	10	9.9	331	444	U	0.44
Benzo (a) pyrene		330	10	9.9	331	444	U	0.44
Indeno (1,2,3-cd) pyrene		330	10	9.9	331	444	U	0.44
Dibenzo (a,h) anthracene		330	10	9.9	331	444	U	0.44
Benzo (g,h,i) perylene		330	10	9.9	331	444	U	0.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		26.1	26	25-121
Phenol-d6		19.7	20	24-113
Nitrobenzene-d5		51.8	52	23-120
2-Fluorobiphenyl		77.3	77	30-115
2,4,6-Tribromophenol		65.8	66	19-122
Terphenyl-d14		74.5	74	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Low IS. Re-run.

Analyst Date

Review Date

URS Contract:		Sample Amount.	30.2
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-05RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-69	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date	11/13/01
Date Sample Received:	11/10/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	75
Data File Name:	SA04344	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	331	444	U	0.44
Phenol		550	10	9.9	331	444	U	0.44
2-Chlorophenol		550	10	9.9	331	444	U	0.44
1,3-Dichlorobenzene		330	10	9.9	331	444	U	0.44
1,4-Dichlorobenzene		330	10	9.9	331	444	U	0.44
1,2-Dichlorobenzene		330	10	9.9	331	444	U	0.44
Benzyl Alcohol		330	10	9.9	331	444	U	0.44
bis (2-Chloroisopropyl) ether		330	10	9.9	331	444	U	0.44
2-Methylphenol		550	10	9.9	331	444	U	0.44
Hexachloroethane		330	10	9.9	331	444	U	0.44
N-Nitroso-di-n-propylamine		330	10	9.9	331	444	U	0.44
4-Methylphenol		550	10	9.9	331	444	U	0.44
Nitrobenzene		330	10	9.9	331	444	U	0.44
Isophorone		330	10	9.9	331	444	U	0.44
2-Nitrophenol		550	10	9.9	331	444	U	0.44
2,4-Dimethylphenol		550	10	9.9	331	444	U	0.44
bis (2-Chloroethoxy) methane		330	10	9.9	331	444	U	0.44
2,4-Dichlorophenol		550	10	9.9	331	444	U	0.44
Benzoic Acid		330	10	9.9	331	444	U	0.44
1,2,4-Trichlorobenzene		330	10	9.9	331	444	U	0.44
Naphthalene		330	10	9.9	331	444	U	0.44
4-Chloroaniline		330	10	9.9	331	444	U	0.44
Hexachlorobutadiene		330	10	9.9	331	444	U	0.44
4-Chloro-3-methylphenol		330	10	9.9	331	444	U	0.44
2-Methylnaphthalene		330	10	9.9	331	444	U	0.44
Hexachlorocyclopentadiene		330	10	9.9	331	444	U	0.44
2,4,6-Trichlorophenol		550	10	9.9	331	444	U	0.44
2,4,5-Trichlorophenol		550	10	9.9	331	444	U	0.44
2-Chloronaphthalene		330	10	9.9	331	444	U	0.44
2-Nitroaniline		330	10	9.9	331	444	U	0.44
Acenaphthalene		330	10	9.9	331	444	U	0.44
Dimethylphthalate		1500	10	9.9	331	444	U	0.44
2,6-Dinitrotoluene		330	10	9.9	331	444	U	0.44
3-Nitroaniline		330	10	9.9	331	444	U	0.44
Acenaphthene		330	10	9.9	331	444	U	0.44
2,4-Dinitrophenol		550	10	9.9	331	444	U	0.44
Dibenzofuran		330	10	9.9	331	444	U	0.44
2,4-Dinitrotoluene		330	10	9.9	331	444	U	0.44
4-Nitrophenol		550	10	9.9	331	444	U	0.44
Fluorene		550	10	9.9	331	444	U	0.44
4-Chlorophenyl-phenyl ether		330	10	9.9	331	444	U	0.44
Diethylphthalate		1500	10	9.9	331	444	U	0.44
4-Nitroaniline		330	10	9.9	331	444	U	0.44
4,6-Dinitro-2-methylphenol		550	10	9.9	331	444	U	0.44
N-Nitrosodiphenylamine		330	10	9.9	331	444	U	0.44
4-Bromophenyl-phenylether		330	10	9.9	331	444	U	0.44
Hexachlorobenzene		330	10	9.9	331	444	U	0.44
Pentachlorophenol		550	10	9.9	331	444	U	0.44
Phenanthrene		330	10	9.9	331	444	U	0.44
Anthracene		330	10	9.9	331	444	U	0.44
Di-n-butylphthalate		1500	10	9.9	331	444	U	0.44
Fluoranthene		330	10	9.9	331	444	U	0.44
Pyrene		330	10	9.9	331	444	U	0.44
Butylbenzylphthalate		1500	10	9.9	331	444	U	0.44
3,3-Dichlorobenzidine		330	10	9.9	331	444	U	0.44
Benzo (a) anthracene		330	10	9.9	331	444	U	0.44
Chrysene		330	10	9.9	331	444	U	0.44
bis (2-Ethylhexyl) phthalate		1500	10	9.9	331	444	U	0.44
Di-n-octylphthalate		1500	10	9.9	331	444	U	0.44
Benzo (b) fluoranthene		330	10	9.9	331	444	U	0.44
Benzo (k) fluoranthene		330	10	9.9	331	444	U	0.44
Benzo (a) pyrene		330	10	9.9	331	444	U	0.44
Indeno (1,2,3-cd) pyrene		330	10	9.9	331	444	U	0.44
Dibenzo (a,h) anthracene		330	10	9.9	331	444	U	0.44
Benzo (g,h,i) perylene		330	10	9.9	331	444	U	0.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		22.0	22	25-121
Phenol-d6		22.3	22	24-113
Nitrobenzene-d5		53.2	53	23-120
2-Fluorobiphenyl		87.8	88	30-115
2,4,6-Tribromophenol		55.0	55	19-122
Terphenyl-d14		76.9	77	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-06	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-75	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	89
Data File Name:	SA04329	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	370	U	0.37
Phenol		550	10	9.9	329	370	U	0.37
2-Chlorophenol		550	10	9.9	329	370	U	0.37
1,3-Dichlorobenzene		330	10	9.9	329	370	U	0.37
1,4-Dichlorobenzene		330	10	9.9	329	370	U	0.37
1,2-Dichlorobenzene		330	10	9.9	329	370	U	0.37
Benzyl Alcohol		330	10	9.9	329	370	U	0.37
bis (2-Chloroisopropyl) ether		330	10	9.9	329	370	U	0.37
2-Methylphenol		550	10	9.9	329	370	U	0.37
Hexachloroethane		330	10	9.9	329	370	U	0.37
N-Nitroso-dl-n-propylamine		330	6	6.1	202	228	J	0.23
4-Methylphenol		550	10	9.9	329	370	U	0.37
Nitrobenzene		330	10	9.9	329	370	U	0.37
Isophorone		330	10	9.9	329	370	U	0.37
2-Nitrophenol		550	10	9.9	329	370	U	0.37
2,4-Dimethylphenol		550	10	9.9	329	370	U	0.37
bis (2-Chloroethoxy) methane		330	10	9.9	329	370	U	0.37
2,4-Dichlorophenol		550	10	9.9	329	370	U	0.37
Benzoic Acid		330	10	9.9	329	370	U	0.37
1,2,4-Trichlorobenzene		330	10	9.9	329	370	U	0.37
Naphthalene		330	10	9.9	329	370	U	0.37
4-Chloroaniline		330	10	9.9	329	370	U	0.37
Hexachlorobutadiene		330	10	9.9	329	370	U	0.37
4-Chloro-3-methylphenol		330	10	9.9	329	370	U	0.37
2-Methylnaphthalene		330	10	9.9	329	370	U	0.37
Hexachlorocyclopentadiene		330	10	9.9	329	370	U	0.37
2,4,6-Trichlorophenol		550	10	9.9	329	370	U	0.37
2,4,5-Trichlorophenol		550	10	9.9	329	370	U	0.37
2-Chloronaphthalene		330	10	9.9	329	370	U	0.37
2-Nitroaniline		330	10	9.9	329	370	U	0.37
Acenaphthalene		330	10	9.9	329	370	U	0.37
Dimethylphthalate		1500	10	9.9	329	370	U	0.37
2,6-Dinitrotoluene		330	14	13.9	463	522		0.52
3-Nitroaniline		330	10	9.9	329	370	U	0.37
Acenaphthene		330	10	9.9	329	370	U	0.37
2,4-Dinitrophenol		550	10	9.9	329	370	U	0.37
Dibenzofuran		330	10	9.9	329	370	U	0.37
2,4-Dinitrotoluene		330	10	9.9	329	370	U	0.37
4-Nitrophenol		550	10	9.9	329	370	U	0.37
Fluorene		550	10	9.9	329	370	U	0.37
4-Chlorophenyl-phenyl ether		330	10	9.9	329	370	U	0.37
Diethylphthalate		1500	10	9.9	329	370	U	0.37
4-Nitroaniline		330	10	9.9	329	370	U	0.37
4,6-Dinitro-2-methylphenol		550	10	9.9	329	370	U	0.37
N-Nitrosodiphenylamine		330	10	9.9	329	370	U	0.37
4-Bromophenyl-phenylether		330	10	9.9	329	370	U	0.37
Hexachlorobenzene		330	10	9.9	329	370	U	0.37
Pentachlorophenol		550	10	9.9	329	370	U	0.37
Phenanthrene		330	10	9.9	329	370	U	0.37
Anthracene		330	10	9.9	329	370	U	0.37
Di-n-butylphthalate		1500	10	9.9	329	370	U	0.37
Fluoranthene		330	10	9.9	329	370	U	0.37
Pyrene		330	10	9.9	329	370	U	0.37
Butylbenzylphthalate		1500	10	9.9	329	370	U	0.37
3,3-Dichlorobenzidine		330	10	9.9	329	370	U	0.37
Benzo (a) anthracene		330	10	9.9	329	370	U	0.37
Chrysene		330	10	9.9	329	370	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	370	U	0.37
Di-n-octylphthalate		1500	10	9.9	329	370	U	0.37
Benzo (b) fluoranthene		330	10	9.9	329	370	U	0.37
Benzo (k) fluoranthene		330	10	9.9	329	370	U	0.37
Benzo (a) pyrene		330	10	9.9	329	370	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	370	U	0.37
Dibenzo (a,h) anthracene		330	10	9.9	329	370	U	0.37
Benzo (g,h,i) perylene		330	10	9.9	329	370	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		16.9	17	25-121
Phenol-d6		15.9	16	24-113
Nitrobenzene-d5		70.1	70	23-120
2-Fluorobiphenyl		84.1	84	30-115
2,4,6-Tribromophenol		39.6	40	19-122
Terphenyl-d14		81.0	81	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Low IS. Re-run.

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-06RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-75	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	89
Data File Name:	SA04345	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	370	U	0.37
Phenol		550	10	9.9	329	370	U	0.37
2-Chlorophenol		550	10	9.9	329	370	U	0.37
1,3-Dichlorobenzene		330	10	9.9	329	370	U	0.37
1,4-Dichlorobenzene		330	10	9.9	329	370	U	0.37
1,2-Dichlorobenzene		330	10	9.9	329	370	U	0.37
Benzyl Alcohol		330	10	9.9	329	370	U	0.37
bis (2-Chloroisopropyl) ether		330	10	9.9	329	370	U	0.37
2-Methylphenol		550	10	9.9	329	370	U	0.37
Hexachloroethane		330	10	9.9	329	370	U	0.37
N-Nitroso-di-n-propylamine		330	10	9.9	329	370	U	0.37
4-Methylphenol		550	10	9.9	329	370	U	0.37
Nitrobenzene		330	10	9.9	329	370	U	0.37
Isophorone		330	10	9.9	329	370	U	0.37
2-Nitrophenol		550	10	9.9	329	370	U	0.37
2,4-Dimethylphenol		550	10	9.9	329	370	U	0.37
bis (2-Chloroethoxy) methane		330	10	9.9	329	370	U	0.37
2,4-Dichlorophenol		550	10	9.9	329	370	U	0.37
Benzoic Acid		330	10	9.9	329	370	U	0.37
1,2,4-Trichlorobenzene		330	10	9.9	329	370	U	0.37
Naphthalene		330	10	9.9	329	370	U	0.37
4-Chloroaniline		330	10	9.9	329	370	U	0.37
Hexachlorobutadiene		330	10	9.9	329	370	U	0.37
4-Chloro-3-methylphenol		330	10	9.9	329	370	U	0.37
2-Methylnaphthalene		330	10	9.9	329	370	U	0.37
Hexachlorocyclopentadiene		330	10	9.9	329	370	U	0.37
2,4,6-Trichlorophenol		550	10	9.9	329	370	U	0.37
2,4,5-Trichlorophenol		550	10	9.9	329	370	U	0.37
2-Chloronaphthalene		330	10	9.9	329	370	U	0.37
2-Nitroaniline		330	10	9.9	329	370	U	0.37
Acenaphthalene		330	10	9.9	329	370	U	0.37
Dimethylphthalate		1500	10	9.9	329	370	U	0.37
2,6-Dinitrotoluene		330	10	9.9	329	370	U	0.37
3-Nitroaniline		330	10	9.9	329	370	U	0.37
Acenaphthene		330	10	9.9	329	370	U	0.37
2,4-Dinitrophenol		550	10	9.9	329	370	U	0.37
Dibenzofuran		330	10	9.9	329	370	U	0.37
2,4-Dinitrotoluene		330	10	9.9	329	370	U	0.37
4-Nitrophenol		550	10	9.9	329	370	U	0.37
Fluorene		550	10	9.9	329	370	U	0.37
4-Chlorophenyl-phenyl ether		330	10	9.9	329	370	U	0.37
Diethylphthalate		1500	10	9.9	329	370	U	0.37
4-Nitroaniline		330	10	9.9	329	370	U	0.37
4,6-Dinitro-2-methylphenol		550	10	9.9	329	370	U	0.37
N-Nitrosodiphenylamine		330	10	9.9	329	370	U	0.37
4-Bromophenyl-phenylether		330	10	9.9	329	370	U	0.37
Hexachlorobenzene		330	10	9.9	329	370	U	0.37
Pentachlorophenol		550	10	9.9	329	370	U	0.37
Phenanthrene		330	10	9.9	329	370	U	0.37
Anthracene		330	10	9.9	329	370	U	0.37
Di-n-butylphthalate		1500	10	9.9	329	370	U	0.37
Fluoranthene		330	10	9.9	329	370	U	0.37
Pyrene		330	10	9.9	329	370	U	0.37
Butylbenzylphthalate		1500	10	9.9	329	370	U	0.37
3,3-Dichlorobenzidine		330	10	9.9	329	370	U	0.37
Benzo (a) anthracene		330	10	9.9	329	370	U	0.37
Chrysene		330	10	9.9	329	370	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	370	U	0.37
Di-n-octylphthalate		1500	10	9.9	329	370	U	0.37
Benzo (b) fluoranthene		330	10	9.9	329	370	U	0.37
Benzo (k) fluoranthene		330	10	9.9	329	370	U	0.37
Benzo (a) pyrene		330	10	9.9	329	370	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	370	U	0.37
Dibenzo (a,h) anthracene		330	10	9.9	329	370	U	0.37
Benzo (g,h,i) perylene		330	10	9.9	329	370	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		14.8	15	25-121	*
Phenol-d6		14.7	15	24-113	*
Nitrobenzene-d5		58.9	59	23-120	
2-Fluorobiphenyl		89.4	89	30-115	
2,4,6-Tribromophenol		48.1	48	19-122	
Terphenyl-d14		74.2	74	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ikes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-81	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/10/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	72
Data File Name:	SA04330	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	458	U	0.46
Phenol		550	10	9.9	329	458	U	0.46
2-Chlorophenol		550	10	9.9	329	458	U	0.46
1,3-Dichlorobenzene		330	10	9.9	329	458	U	0.46
1,4-Dichlorobenzene		330	10	9.9	329	458	U	0.46
1,2-Dichlorobenzene		330	10	9.9	329	458	U	0.46
Benzyl Alcohol		330	10	9.9	329	458	U	0.46
bis (2-Chloroisopropyl) ether		330	10	9.9	329	458	U	0.46
2-Methylphenol		550	10	9.9	329	458	U	0.46
Hexachloroethane		330	10	9.9	329	458	U	0.46
N-Nitroso-di-n-propylamine		330	10	9.9	329	458	U	0.46
4-Methylphenol		550	10	9.9	329	458	U	0.46
Nitrobenzene		330	10	9.9	329	458	U	0.46
Isophorone		330	10	9.9	329	458	U	0.46
2-Nitrophenol		550	10	9.9	329	458	U	0.46
2,4-Dimethylphenol		550	10	9.9	329	458	U	0.46
bis (2-Chloroethoxy) methane		330	10	9.9	329	458	U	0.46
2,4-Dichlorophenol		550	10	9.9	329	458	U	0.46
Benzoic Acid		330	10	9.9	329	458	U	0.46
1,2,4-Trichlorobenzene		330	10	9.9	329	458	U	0.46
Naphthalene		330	10	9.9	329	458	U	0.46
4-Chloroaniline		330	10	9.9	329	458	U	0.46
Hexachlorobutadiene		330	10	9.9	329	458	U	0.46
4-Chloro-3-methylphenol		330	10	9.9	329	458	U	0.46
2-Methylnaphthalene		330	10	9.9	329	458	U	0.46
Hexachlorocyclopentadiene		330	10	9.9	329	458	U	0.46
2,4,6-Trichlorophenol		550	10	9.9	329	458	U	0.46
2,4,5-Trichlorophenol		550	10	9.9	329	458	U	0.46
2-Chloronaphthalene		330	10	9.9	329	458	U	0.46
2-Nitroaniline		330	10	9.9	329	458	U	0.46
Acenaphthalene		330	10	9.9	329	458	U	0.46
Dimethylphthalate		1500	10	9.9	329	458	U	0.46
2,6-Dinitrotoluene		**330**	**15**	**14.9**	**498**	**693**		**0.69**
3-Nitroaniline		330	10	9.9	329	458	U	0.46
Acenaphthene		330	10	9.9	329	458	U	0.46
2,4-Dinitrophenol		550	10	9.9	329	458	U	0.46
Dibenzofuran		330	10	9.9	329	458	U	0.46
2,4-Dinitrotoluene		330	10	9.9	329	458	U	0.46
4-Nitrophenol		550	10	9.9	329	458	U	0.46
Fluorene		550	10	9.9	329	458	U	0.46
4-Chlorophenyl-phenyl ether		330	10	9.9	329	458	U	0.46
Diethylphthalate		1500	10	9.9	329	458	U	0.46
4-Nitroaniline		330	10	9.9	329	458	U	0.46
4,6-Dinitro-2-methylphenol		550	10	9.9	329	458	U	0.46
N-Nitrosodiphenylamine		330	10	9.9	329	458	U	0.46
4-Bromophenyl-phenylether		330	10	9.9	329	458	U	0.46
Hexachlorobenzene		330	10	9.9	329	458	U	0.46
Pentachlorophenol		550	10	9.9	329	458	U	0.46
Phenanthrene		330	10	9.9	329	458	U	0.46
Anthracene		330	10	9.9	329	458	U	0.46
Di-n-butylphthalate		1500	10	9.9	329	458	U	0.46
Fluoranthene		330	10	9.9	329	458	U	0.46
Pyrene		330	10	9.9	329	458	U	0.46
Butylbenzylphthalate		1500	10	9.9	329	458	U	0.46
3,3-Dichlorobenzidine		330	10	9.9	329	458	U	0.46
Benzo (a) anthracene		330	10	9.9	329	458	U	0.46
Chrysene		330	10	9.9	329	458	U	0.46
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	458	U	0.46
Di-n-octylphthalate		1500	10	9.9	329	458	U	0.46
Benzo (b) fluoranthene		330	10	9.9	329	458	U	0.46
Benzo (k) fluoranthene		330	10	9.9	329	458	U	0.46
Benzo (a) pyrene		330	10	9.9	329	458	U	0.46
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	458	U	0.46
Dibenzo (a,h) anthracene		330	10	9.9	329	458	U	0.46
Benzo (g,h,i) perylene		330	10	9.9	329	458	U	0.46

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34.6	35	25-121
Phenol-d6		26.5	26	24-113
Nitrobenzene-d5		37.7	38	23-120
2-Fluorobiphenyl		54.5	55	30-115
2,4,6-Tribromophenol		38.0	38	19-122
Terphenyl-d14		72.9	73	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Low IS. Re-run.

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS111001	Lab Prep Date:	11/10/01
Lab Sample ID:	URS111001-07RR	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-81	Prep Method 2:	
Date Sample Collected:	11/10/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/10/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	72
Data File Name:	SA04346	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	458	U	0.46
Phenol		550	10	9.9	329	458	U	0.46
2-Chlorophenol		550	10	9.9	329	458	U	0.46
1,3-Dichlorobenzene		330	10	9.9	329	458	U	0.46
1,4-Dichlorobenzene		330	10	9.9	329	458	U	0.46
1,2-Dichlorobenzene		330	10	9.9	329	458	U	0.46
Benzyl Alcohol		330	10	9.9	329	458	U	0.46
bis (2-Chloroisopropyl) ether		330	10	9.9	329	458	U	0.46
2-Methylphenol		550	10	9.9	329	458	U	0.46
Hexachloroethane		330	10	9.9	329	458	U	0.46
N-Nitroso-di-n-propylamine		330	10	9.9	329	458	U	0.46
4-Methylphenol		550	10	9.9	329	458	U	0.46
Nitrobenzene		330	10	9.9	329	458	U	0.46
Isophorone		330	10	9.9	329	458	U	0.46
2-Nitrophenol		550	10	9.9	329	458	U	0.46
2,4-Dimethylphenol		550	10	9.9	329	458	U	0.46
bis (2-Chloroethoxy) methane		330	10	9.9	329	458	U	0.46
2,4-Dichlorophenol		550	10	9.9	329	458	U	0.46
Benzoic Acid		330	10	9.9	329	458	U	0.46
1,2,4-Trichlorobenzene		330	10	9.9	329	458	U	0.46
Naphthalene		330	10	9.9	329	458	U	0.46
4-Chloroaniline		330	10	9.9	329	458	U	0.46
Hexachlorobutadiene		330	10	9.9	329	458	U	0.46
4-Chloro-3-methylphenol		330	10	9.9	329	458	U	0.46
2-Methylnaphthalene		330	10	9.9	329	458	U	0.46
Hexachlorocyclopentadiene		330	10	9.9	329	458	U	0.46
2,4,6-Trichlorophenol		550	10	9.9	329	458	U	0.46
2,4,5-Trichlorophenol		550	10	9.9	329	458	U	0.46
2-Chloronaphthalene		330	10	9.9	329	458	U	0.46
2-Nitroaniline		330	10	9.9	329	458	U	0.46
Acenaphthalene		330	10	9.9	329	458	U	0.46
Dimethylphthalate		1500	10	9.9	329	458	U	0.46
2,6-Dinitrotoluene		330	10	9.9	329	458	U	0.46
3-Nitroaniline		330	10	9.9	329	458	U	0.46
Acenaphthene		330	10	9.9	329	458	U	0.46
2,4-Dinitrophenol		550	10	9.9	329	458	U	0.46
Dibenzofuran		330	10	9.9	329	458	U	0.46
2,4-Dinitrotoluene		330	10	9.9	329	458	U	0.46
4-Nitrophenol		550	10	9.9	329	458	U	0.46
Fluorene		550	10	9.9	329	458	U	0.46
4-Chlorophenyl-phenyl ether		330	10	9.9	329	458	U	0.46
Diethylphthalate		1500	10	9.9	329	458	U	0.46
4-Nitroaniline		330	10	9.9	329	458	U	0.46
4,6-Dinitro-2-methylphenol		550	10	9.9	329	458	U	0.46
N-Nitrosodiphenylamine		330	10	9.9	329	458	U	0.46
4-Bromophenyl-phenylether		330	10	9.9	329	458	U	0.46
Hexachlorobenzene		330	10	9.9	329	458	U	0.46
Pentachlorophenol		550	10	9.9	329	458	U	0.46
Phenanthrene		330	10	9.9	329	458	U	0.46
Anthracene		330	10	9.9	329	458	U	0.46
Di-n-butylphthalate		1500	10	9.9	329	458	U	0.46
Fluoranthene		330	10	9.9	329	458	U	0.46
Pyrene		330	10	9.9	329	458	U	0.46
Butylbenzylphthalate		1500	10	9.9	329	458	U	0.46
3,3-Dichlorobenzidine		330	10	9.9	329	458	U	0.46
Benzo (a) anthracene		330	10	9.9	329	458	U	0.46
Chrysene		330	10	9.9	329	458	U	0.46
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	458	U	0.46
Di-n-octylphthalate		1500	10	9.9	329	458	U	0.46
Benzo (b) fluoranthene		330	10	9.9	329	458	U	0.46
Benzo (k) fluoranthene		330	10	9.9	329	458	U	0.46
Benzo (a) pyrene		330	10	9.9	329	458	U	0.46
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	458	U	0.46
Dibenzo (a,h) anthracene		330	10	9.9	329	458	U	0.46
Benzo (g,h,i) perylene		330	10	9.9	329	458	U	0.46

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34.8	35	25-121
Phenol-d6		34.1	34	24-113
Nitrobenzene-d5		41.7	42	23-120
2-Fluorobiphenyl		75.7	76	30-115
2,4,6-Tribromophenol		49.0	49	19-122
Terphenyl-d14		65.2	65	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group	URS111101-	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-58	Prep Method 2:	
Date Sample Collected.	11/11/01	Lab Analysis Date:	11/11/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	87
Data File Name:	SA04331	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	379	U	0.38
Phenol		550	10	9.9	329	379	U	0.38
2-Chlorophenol		550	10	9.9	329	379	U	0.38
1,3-Dichlorobenzene		330	10	9.9	329	379	U	0.38
1,4-Dichlorobenzene		330	10	9.9	329	379	U	0.38
1,2-Dichlorobenzene		330	10	9.9	329	379	U	0.38
Benzyl Alcohol		330	10	9.9	329	379	U	0.38
bis (2-Chloroisopropyl) ether		330	10	9.9	329	379	U	0.38
2-Methylphenol		550	10	9.9	329	379	U	0.38
Hexachloroethane		330	10	9.9	329	379	U	0.38
N-Nitroso-di-n-propylamine		330	10	9.9	329	379	U	0.38
4-Methylphenol		550	10	9.9	329	379	U	0.38
Nitrobenzene		330	10	9.9	329	379	U	0.38
Isophorone		330	10	9.9	329	379	U	0.38
2-Nitrophenol		550	10	9.9	329	379	U	0.38
2,4-Dimethylphenol		550	10	9.9	329	379	U	0.38
bis (2-Chloroethoxy) methane		330	10	9.9	329	379	U	0.38
2,4-Dichlorophenol		550	10	9.9	329	379	U	0.38
Benzoic Acid		330	10	9.9	329	379	U	0.38
1,2,4-Trichlorobenzene		330	10	9.9	329	379	U	0.38
Naphthalene		330	10	9.9	329	379	U	0.38
4-Chloroaniline		330	10	9.9	329	379	U	0.38
Hexachlorobutadiene		330	10	9.9	329	379	U	0.38
4-Chloro-3-methylphenol		330	10	9.9	329	379	U	0.38
2-Methylnaphthalene		330	10	9.9	329	379	U	0.38
Hexachlorocyclopentadiene		330	10	9.9	329	379	U	0.38
2,4,6-Trichlorophenol		550	10	9.9	329	379	U	0.38
2,4,5-Trichlorophenol		550	10	9.9	329	379	U	0.38
2-Chloronaphthalene		330	10	9.9	329	379	U	0.38
2-Nitroaniline		330	10	9.9	329	379	U	0.38
Acenaphthalene		330	10	9.9	329	379	U	0.38
Dimethylphthalate		1500	10	9.9	329	379	U	0.38
2,6-Dinitrotoluene		330	10	9.9	329	379	U	0.38
3-Nitroaniline		330	10	9.9	329	379	U	0.38
Acenaphthene		330	10	9.9	329	379	U	0.38
2,4-Dinitrophenol		550	10	9.9	329	379	U	0.38
Dibenzofuran		330	10	9.9	329	379	U	0.38
2,4-Dinitrotoluene		330	10	9.9	329	379	U	0.38
4-Nitrophenol		550	53	52.6	1753	2021		2.02
Fluorene		550	10	9.9	329	379	U	0.38
4-Chlorophenyl-phenyl ether		330	10	9.9	329	379	U	0.38
Diethylphthalate		1500	10	9.9	329	379	U	0.38
4-Nitroaniline		330	10	9.9	329	379	U	0.38
4,6-Dinitro-2-methylphenol		550	10	9.9	329	379	U	0.38
N-Nitrosodiphenylamine		330	10	9.9	329	379	U	0.38
4-Bromophenyl-phenylether		330	10	9.9	329	379	U	0.38
Hexachlorobenzene		330	10	9.9	329	379	U	0.38
Pentachlorophenol		550	60	58.9	1964	2264		2.26
Phenanthrene		330	10	9.9	329	379	U	0.38
Anthracene		330	10	9.9	329	379	U	0.38
Di-n-butylphthalate		1500	10	9.9	329	379	U	0.38
Fluoranthene		330	10	9.9	329	379	U	0.38
Pyrene		330	10	9.9	329	379	U	0.38
Butylbenzylphthalate		1500	10	9.9	329	379	U	0.38
3,3-Dichlorobenzidine		330	10	9.9	329	379	U	0.38
Benzo (a) anthracene		330	10	9.9	329	379	U	0.38
Chrysene		330	10	9.9	329	379	U	0.38
bis (2-Ethylhexyl) phthalate		1500	8	7.7	256	295	J	0.30
Di-n-octylphthalate		1500	10	9.9	329	379	U	0.38
Benzo (b) fluoranthene		330	10	9.9	329	379	U	0.38
Benzo (k) fluoranthene		330	10	9.9	329	379	U	0.38
Benzo (a) pyrene		330	10	9.9	329	379	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	379	U	0.38
Dibenzo (a,h) anthracene		330	10	9.9	329	379	U	0.38
Benzo (g,h,I) perylene		330	10	9.9	329	379	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		60.4	60	25-121
Phenol-d6		65.7	66	24-113
Nitrobenzene-d5		64.9	65	23-120
2-Fluorobiphenyl		90.6	91	30-115
2,4,6-Tribromophenol		91.2	91	19-122
Terphenyl-d14		115.7	116	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.4
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-01DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-58	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date.	11/13/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	87
Data File Name:	SA04347	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	9.9	329	3792	U	3.79
Phenol		550	10	9.9	329	3792	U	3.79
2-Chlorophenol		550	10	9.9	329	3792	U	3.79
1,3-Dichlorobenzene		330	10	9.9	329	3792	U	3.79
1,4-Dichlorobenzene		330	10	9.9	329	3792	U	3.79
1,2-Dichlorobenzene		330	10	9.9	329	3792	U	3.79
Benzyl Alcohol		330	10	9.9	329	3792	U	3.79
bis (2-Chloroisopropyl) ether		330	10	9.9	329	3792	U	3.79
2-Methylphenol		550	10	9.9	329	3792	U	3.79
Hexachloroethane		330	10	9.9	329	3792	U	3.79
N-Nitroso-di-n-propylamine		330	10	9.9	329	3792	U	3.79
4-Methylphenol		550	10	9.9	329	3792	U	3.79
Nitrobenzene		330	10	9.9	329	3792	U	3.79
Isophorone		330	10	9.9	329	3792	U	3.79
2-Nitrophenol		550	10	9.9	329	3792	U	3.79
2,4-Dimethylphenol		550	10	9.9	329	3792	U	3.79
bis (2-Chloroethoxy) methane		330	10	9.9	329	3792	U	3.79
2,4-Dichlorophenol		550	10	9.9	329	3792	U	3.79
Benzoic Acid		330	10	9.9	329	3792	U	3.79
1,2,4-Trichlorobenzene		330	10	9.9	329	3792	U	3.79
Naphthalene		330	10	9.9	329	3792	U	3.79
4-Chloroaniline		330	10	9.9	329	3792	U	3.79
Hexachlorobutadiene		330	10	9.9	329	3792	U	3.79
4-Chloro-3-methylphenol		330	10	9.9	329	3792	U	3.79
2-Methylnaphthalene		330	10	9.9	329	3792	U	3.79
Hexachlorocyclopentadiene		330	10	9.9	329	3792	U	3.79
2,4,6-Trichlorophenol		550	10	9.9	329	3792	U	3.79
2,4,5-Trichlorophenol		550	10	9.9	329	3792	U	3.79
2-Chloronaphthalene		330	10	9.9	329	3792	U	3.79
2-Nitroaniline		330	10	9.9	329	3792	U	3.79
Acenaphthalene		330	10	9.9	329	3792	U	3.79
Dimethylphthalate		1500	10	9.9	329	3792	U	3.79
2,6-Dinitrotoluene		330	10	9.9	329	3792	U	3.79
3-Nitroaniline		330	10	9.9	329	3792	U	3.79
Acenaphthene		330	10	9.9	329	3792	U	3.79
2,4-Dinitrophenol		550	10	9.9	329	3792	U	3.79
Dibenzofuran		330	10	9.9	329	3792	U	3.79
2,4-Dinitrotoluene		330	10	9.9	329	3792	U	3.79
4-Nitrophenol		550	10	9.9	329	3792	U	3.79
Fluorene		550	10	9.9	329	3792	U	3.79
4-Chlorophenyl-phenyl ether		330	10	9.9	329	3792	U	3.79
Diethylphthalate		1500	10	9.9	329	3792	U	3.79
4-Nitroaniline		330	10	9.9	329	3792	U	3.79
4,6-Dinitro-2-methylphenol		550	10	9.9	329	3792	U	3.79
N-Nitrosodiphenylamine		330	10	9.9	329	3792	U	3.79
4-Bromophenyl-phenylether		330	10	9.9	329	3792	U	3.79
Hexachlorobenzene		330	10	9.9	329	3792	U	3.79
Pentachlorophenol		550	10	9.9	329	3792	U	3.79
Phenanthrene		330	10	9.9	329	3792	U	3.79
Anthracene		330	10	9.9	329	3792	U	3.79
Di-n-butylphthalate		1500	10	9.9	329	3792	U	3.79
Fluoranthene		330	10	9.9	329	3792	U	3.79
Pyrene		330	10	9.9	329	3792	U	3.79
Butylbenzylphthalate		1500	10	9.9	329	3792	U	3.79
3,3-Dichlorobenzidine		330	10	9.9	329	3792	U	3.79
Benzo (a) anthracene		330	10	9.9	329	3792	U	3.79
Chrysene		330	10	9.9	329	3792	U	3.79
bis (2-Ethylhexyl) phthalate		1500	10	9.9	329	3792	U	3.79
Di-n-octylphthalate		1500	10	9.9	329	3792	U	3.79
Benzo (b) fluoranthene		330	10	9.9	329	3792	U	3.79
Benzo (k) fluoranthene		330	10	9.9	329	3792	U	3.79
Benzo (a) pyrene		330	10	9.9	329	3792	U	3.79
Indeno (1,2,3-cd) pyrene		330	10	9.9	329	3792	U	3.79
Dibenzo (a,h) anthracene		330	10	9.9	329	3792	U	3.79
Benzo (g,h,i) perylene		330	10	9.9	329	3792	U	3.79

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5.6	56	25-121
Phenol-d6		3.8	38	24-113
Nitrobenzene-d5		5.8	58	23-120
2-Fluorobiphenyl		8.8	88	30-115
2,4,6-Tribromophenol		8.2	82	19-122
Terphenyl-d14		8.7	87	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30.1
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-02	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-40	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	73
Data File Name:	SA04348	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	332	457	U	0.46
Phenol		550	10	10.0	332	457	U	0.46
2-Chlorophenol		550	10	10.0	332	457	U	0.46
1,3-Dichlorobenzene		330	10	10.0	332	457	U	0.46
1,4-Dichlorobenzene		330	10	10.0	332	457	U	0.46
1,2-Dichlorobenzene		330	10	10.0	332	457	U	0.46
Benzyl Alcohol		330	10	10.0	332	457	U	0.46
bis (2-Chloroisopropyl) ether		330	10	10.0	332	457	U	0.46
2-Methylphenol		550	10	10.0	332	457	U	0.46
Hexachloroethane		330	10	10.0	332	457	U	0.46
N-Nitroso-di-n-propylamine		330	10	10.0	332	457	U	0.46
4-Methylphenol		550	10	10.0	332	457	U	0.46
Nitrobenzene		330	10	10.0	332	457	U	0.46
Isophorone		330	10	10.0	332	457	U	0.46
2-Nitrophenol		550	10	10.0	332	457	U	0.46
2,4-Dimethylphenol		550	10	10.0	332	457	U	0.46
bis (2-Chloroethoxy) methane		330	10	10.0	332	457	U	0.46
2,4-Dichlorophenol		550	10	10.0	332	457	U	0.46
Benzoic Acid		330	10	10.0	332	457	U	0.46
1,2,4-Trichlorobenzene		330	10	10.0	332	457	U	0.46
Naphthalene		330	10	10.0	332	457	U	0.46
4-Chloroaniline		330	10	10.0	332	457	U	0.46
Hexachlorobutadiene		330	10	10.0	332	457	U	0.46
4-Chloro-3-methylphenol		330	10	10.0	332	457	U	0.46
2-Methylnaphthalene		330	10	10.0	332	457	U	0.46
Hexachlorocyclopentadiene		330	10	10.0	332	457	U	0.46
2,4,6-Trichlorophenol		550	10	10.0	332	457	U	0.46
2,4,5-Trichlorophenol		550	10	10.0	332	457	U	0.46
2-Chloronaphthalene		330	10	10.0	332	457	U	0.46
2-Nitroaniline		330	10	10.0	332	457	U	0.46
Acenaphthalene		330	10	10.0	332	457	U	0.46
Dimethylphthalate		1500	10	10.0	332	457	U	0.46
2,6-Dinitrotoluene		330	10	10.0	332	457	U	0.46
3-Nitroaniline		330	10	10.0	332	457	U	0.46
Acenaphthene		330	10	10.0	332	457	U	0.46
2,4-Dinitrophenol		550	10	10.0	332	457	U	0.46
Dibenzofuran		330	10	10.0	332	457	U	0.46
2,4-Dinitrotoluene		330	10	10.0	332	457	U	0.46
4-Nitrophenol		550	10	10.0	332	457	U	0.46
Fluorene		550	10	10.0	332	457	U	0.46
4-Chlorophenyl-phenyl ether		330	10	10.0	332	457	U	0.46
Diethylphthalate		1500	10	10.0	332	457	U	0.46
4-Nitroaniline		330	10	10.0	332	457	U	0.46
4,6-Dinitro-2-methylphenol		550	10	10.0	332	457	U	0.46
N-Nitrosodiphenylamine		330	10	10.0	332	457	U	0.46
4-Bromophenyl-phenylether		330	10	10.0	332	457	U	0.46
Hexachlorobenzene		330	10	10.0	332	457	U	0.46
Pentachlorophenol		550	10	10.0	332	457	U	0.46
Phenanthrene		330	48	47.7	1591	2191		2.19
Anthracene		330	46	46.1	1538	2118		2.12
Di-n-butylphthalate		1500	10	10.0	332	457	U	0.46
Fluoranthene		330	64	63.8	2126	2927		2.93
Pyrene		330	58	57.3	1911	2631		2.63
Butylbenzylphthalate		1500	10	10.0	332	457	U	0.46
3,3-Dichlorobenzidine		330	10	10.0	332	457	U	0.46
Benzo (a) anthracene		330	29	29.2	972	1338		1.34
Chrysene		330	35	35.1	1171	1612		1.61
bis (2-Ethylhexyl) phthalate		1500	6	5.5	183	252	J	0.25
Di-n-octylphthalate		1500	10	10.0	332	457	U	0.46
Benzo (b) fluoranthene		330	44	44.1	1469	2022		2.02
Benzo (k) fluoranthene		330	17	16.5	551	758		0.76
Benzo (a) pyrene		330	34	34.2	1139	1569		1.57
Indeno (1,2,3-cd) pyrene		330	16	15.9	529	729		0.73
Dibenzo (a,h) anthracene		330	5	5.3	177	243	J	0.24
Benzo (g,h,i) perylene		330	16	16.4	546	752		0.75

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		15.8	16	25-121	*
Phenol-d6		29.8	30	24-113	
Nitrobenzene-d5		21.3	21	23-120	*
2-Fluorobiphenyl		46.3	46	30-115	
2,4,6-Tribromophenol		88.7	89	19-122	
Terphenyl-d14		88.0	88	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111101	Lab Prep Date:	11/11/01
Lab Sample ID:	URS111101-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-46	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/13/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	91
Data File Name:	SA04349	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	368	U	0.37
Phenol		550	10	10.0	333	368	U	0.37
2-Chlorophenol		550	10	10.0	333	368	U	0.37
1,3-Dichlorobenzene		330	10	10.0	333	368	U	0.37
1,4-Dichlorobenzene		330	10	10.0	333	368	U	0.37
1,2-Dichlorobenzene		330	10	10.0	333	368	U	0.37
Benzyl Alcohol		330	10	10.0	333	368	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10.0	333	368	U	0.37
2-Methylphenol		550	10	10.0	333	368	U	0.37
Hexachloroethane		330	10	10.0	333	368	U	0.37
N-Nitroso-di-n-propylamine		330	10	10.0	333	368	U	0.37
4-Methylphenol		550	10	10.0	333	368	U	0.37
Nitrobenzene		330	10	10.0	333	368	U	0.37
Isophorone		330	10	10.0	333	368	U	0.37
2-Nitrophenol		550	10	10.0	333	368	U	0.37
2,4-Dimethylphenol		550	10	10.0	333	368	U	0.37
bis (2-Chloroethoxy) methane		330	10	10.0	333	368	U	0.37
2,4-Dichlorophenol		550	10	10.0	333	368	U	0.37
Benzoic Acid		330	10	10.0	333	368	U	0.37
1,2,4-Trichlorobenzene		330	10	10.0	333	368	U	0.37
Naphthalene		330	10	10.0	333	368	U	0.37
4-Chloroaniline		330	10	10.0	333	368	U	0.37
Hexachlorobutadiene		330	10	10.0	333	368	U	0.37
4-Chloro-3-methylphenol		330	10	10.0	333	368	U	0.37
2-Methylnaphthalene		330	10	10.0	333	368	U	0.37
Hexachlorocyclopentadiene		330	10	10.0	333	368	U	0.37
2,4,6-Trichlorophenol		550	10	10.0	333	368	U	0.37
2,4,5-Trichlorophenol		550	10	10.0	333	368	U	0.37
2-Chloronaphthalene		330	10	10.0	333	368	U	0.37
2-Nitroaniline		330	10	10.0	333	368	U	0.37
Acenaphthalene		330	10	10.0	333	368	U	0.37
Dimethylphthalate		1500	10	10.0	333	368	U	0.37
2,6-Dinitrotoluene		330	10	10.0	333	368	U	0.37
3-Nitroaniline		330	10	10.0	333	368	U	0.37
Acenaphthene		**330**	**5**	**5.1**	**171**	**189**	**J**	**0.19**
2,4-Dinitrophenol		550	10	10.0	333	368	U	0.37
Dibenzofuran		330	10	10.0	333	368	U	0.37
2,4-Dinitrotoluene		330	10	10.0	333	368	U	0.37
4-Nitrophenol		550	10	10.0	333	368	U	0.37
Fluorene		**550**	**6**	**6.5**	**215**	**238**	**J**	**0.24**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	368	U	0.37
Diethylphthalate		1500	10	10.0	333	368	U	0.37
4-Nitroaniline		330	10	10.0	333	368	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10.0	333	368	U	0.37
N-Nitrosodiphenylamine		330	10	10.0	333	368	U	0.37
4-Bromophenyl-phenylether		330	10	10.0	333	368	U	0.37
Hexachlorobenzene		330	10	10.0	333	368	U	0.37
Pentachlorophenol		550	10	10.0	333	368	U	0.37
Phenanthrene		**330**	**71**	**70.8**	**2360**	**2607**		**2.61**
Anthracene		**330**	**68**	**68.5**	**2282**	**2521**		**2.52**
Di-n-butylphthalate		1500	10	10.0	333	368	U	0.37
Fluoranthene		**330**	**99**	**99.3**	**3309**	**3656**		**3.66**
Pyrene		**330**	**78**	**78.2**	**2608**	**2881**		**2.88**
Butylbenzylphthalate		1500	10	10.0	333	368	U	0.37
3,3-Dichlorobenzidine		330	10	10.0	333	368	U	0.37
Benzo (a) anthracene		**330**	**39**	**38.8**	**1293**	**1428**		**1.43**
Chrysene		**330**	**42**	**41.8**	**1394**	**1540**		**1.54**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	368	U	0.37
Di-n-octylphthalate		1500	10	10.0	333	368	U	0.37
Benzo (b) fluoranthene		**330**	**56**	**56.5**	**1882**	**2079**		**2.08**
Benzo (k) fluoranthene		**330**	**20**	**20.2**	**675**	**745**		**0.75**
Benzo (a) pyrene		**330**	**36**	**35.8**	**1193**	**1318**		**1.32**
Indeno (1,2,3-cd) pyrene		**330**	**26**	**26.3**	**878**	**970**		**0.97**
Dibenzo (a,h) anthracene		**330**	**7**	**6.6**	**218**	**241**	**J**	**0.24**
Benzo (g,h,i) perylene		**330**	**23**	**23.2**	**774**	**855**		**0.86**

SURROGATES	CAS Number	% REC	X DL	Soil	
2-Fluorophenol		1.7	2	25-121	*
Phenol-d6		13.4	13	24-113	*
Nitrobenzene-d5		11.3	11	23-120	*
2-Fluorobiphenyl		33.3	33	30-115	
2,4,6-Tribromophenol		3.4	3	19-122	*
Terphenyl-d14		83.1	83	18-137	

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111101-	Lab Prep Date	11/12/01
Lab Sample ID:	URS111101-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-52	Prep Method 2.	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	85
Data File Name:	SA04631	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	394	U	0.39
Phenol		550	10	10.0	333	394	U	0.39
2-Chlorophenol		550	10	10.0	333	394	U	0.39
1,3-Dichlorobenzene		330	10	10.0	333	394	U	0.39
1,4-Dichlorobenzene		330	10	10.0	333	394	U	0.39
1,2-Dichlorobenzene		330	10	10.0	333	394	U	0.39
Benzyl Alcohol		330	10	10.0	333	394	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10.0	333	394	U	0.39
2-Methylphenol		550	10	10.0	333	394	U	0.39
Hexachloroethane		330	10	10.0	333	394	U	0.39
N-Nitroso-di-n-propylamine		330	10	10.0	333	394	U	0.39
4-Methylphenol		550	10	10.0	333	394	U	0.39
Nitrobenzene		330	10	10.0	333	394	U	0.39
Isophorone		330	10	10.0	333	394	U	0.39
2-Nitrophenol		550	10	10.0	333	394	U	0.39
2,4-Dimethylphenol		550	10	10.0	333	394	U	0.39
bis (2-Chloroethoxy) methane		330	10	10.0	333	394	U	0.39
2,4-Dichlorophenol		550	10	10.0	333	394	U	0.39
Benzoic Acid		330	10	10.0	333	394	U	0.39
1,2,4-Trichlorobenzene		330	10	10.0	333	394	U	0.39
Naphthalene		330	**11**	**10.8**	**360**	**426**		**0.43**
4-Chloroaniline		330	10	10.0	333	394	U	0.39
Hexachlorobutadiene		330	10	10.0	333	394	U	0.39
4-Chloro-3-methylphenol		330	10	10.0	333	394	U	0.39
2-Methylnaphthalene		330	10	10.0	333	394	U	0.39
Hexachlorocyclopentadiene		330	10	10.0	333	394	U	0.39
2,4,6-Trichlorophenol		550	10	10.0	333	394	U	0.39
2,4,5-Trichlorophenol		550	10	10.0	333	394	U	0.39
2-Chloronaphthalene		330	10	10.0	333	394	U	0.39
2-Nitroaniline		330	10	10.0	333	394	U	0.39
Acenaphthalene		330	10	10.0	333	394	U	0.39
Dimethylphthalate		1500	10	10.0	333	394	U	0.39
2,6-Dinitrotoluene		330	10	10.0	333	394	U	0.39
3-Nitroaniline		330	10	10.0	333	394	U	0.39
Acenaphthene		330	**9**	**9.1**	**304**	**360**	**J**	**0.36**
2,4-Dinitrophenol		550	10	10.0	333	394	U	0.39
Dibenzofuran		330	**5**	**5.0**	**167**	**198**	**J**	**0.20**
2,4-Dinitrotoluene		330	10	10.0	333	394	U	0.39
4-Nitrophenol		550	10	10.0	333	394	U	0.39
Fluorene		550	**13**	**13.5**	**449**	**530**		**0.53**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	394	U	0.39
Diethylphthalate		1500	10	10.0	333	394	U	0.39
4-Nitroaniline		330	10	10.0	333	394	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10.0	333	394	U	0.39
N-Nitrosodiphenylamine		330	10	10.0	333	394	U	0.39
4-Bromophenyl-phenylether		330	10	10.0	333	394	U	0.39
Hexachlorobenzene		330	10	10.0	333	394	U	0.39
Pentachlorophenol		550	10	10.0	333	394	U	0.39
Phenanthrene		330	**304**	**304.4**	**10148**	**11988**	**E**	**11.99**
Anthracene		330	**64**	**63.5**	**2118**	**2502**		**2.50**
Di-n-butylphthalate		1500	10	10.0	333	394	U	0.39
Fluoranthene		330	**398**	**398.1**	**13269**	**15675**	**E**	**15.68**
Pyrene		330	**500**	**500.1**	**16669**	**19692**	**E**	**19.69**
Butylbenzylphthalate		1500	10	10.0	333	394	U	0.39
3,3-Dichlorobenzidine		330	10	10.0	333	394	U	0.39
Benzo (a) anthracene		330	**50**	**49.6**	**1652**	**1952**		**1.95**
Chrysene		330	**49**	**48.8**	**1627**	**1922**		**1.92**
bis (2-Ethylhexyl) phthalate		1500	**6**	**6.0**	**199**	**235**	**J**	**0.23**
Di-n-octylphthalate		1500	10	10.0	333	394	U	0.39
Benzo (b) fluoranthene		330	**228**	**228.1**	**7604**	**8982**	**E**	**8.98**
Benzo (k) fluoranthene		330	**56**	**56.0**	**1866**	**2204**		**2.20**
Benzo (a) pyrene		330	**134**	**133.8**	**4460**	**5268**	**E**	**5.27**
Indeno (1,2,3-cd) pyrene		330	**131**	**130.6**	**4353**	**5142**	**E**	**5.14**
Dibenzo (a,h) anthracene		330	10	10.0	333	394	U	0.39
Benzo (g,h,I) perylene		330	**110**	**110.5**	**3682**	**4349**		**4.35**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		19.9	20	25-121
Phenol-d6		28.8	29	24-113
Nitrobenzene-d5		20.3	20	23-120
2-Fluorobiphenyl		44.1	44	30-115
2,4,6-Tribromophenol		91.6	92	19-122
Terphenyl-d14		145.3	145	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group:	URS111101-	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111101-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-52	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	20
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	85
Data File Name:	SA04249	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	7876	U	7.88
Phenol		550	10	10.0	333	7876	U	7.88
2-Chlorophenol		550	10	10.0	333	7876	U	7.88
1,3-Dichlorobenzene		330	10	10.0	333	7876	U	7.88
1,4-Dichlorobenzene		330	10	10.0	333	7876	U	7.88
1,2-Dichlorobenzene		330	10	10.0	333	7876	U	7.88
Benzyl Alcohol		330	10	10.0	333	7876	U	7.88
bis (2-Chloroisopropyl) ether		330	10	10.0	333	7876	U	7.88
2-Methylphenol		550	10	10.0	333	7876	U	7.88
Hexachloroethane		330	10	10.0	333	7876	U	7.88
N-Nitroso-di-n-propylamine		330	10	10.0	333	7876	U	7.88
4-Methylphenol		550	10	10.0	333	7876	U	7.88
Nitrobenzene		330	10	10.0	333	7876	U	7.88
Isophorone		330	10	10.0	333	7876	U	7.88
2-Nitrophenol		550	10	10.0	333	7876	U	7.88
2,4-Dimethylphenol		550	10	10.0	333	7876	U	7.88
bis (2-Chloroethoxy) methane		330	10	10.0	333	7876	U	7.88
2,4-Dichlorophenol		550	10	10.0	333	7876	U	7.88
Benzoic Acid		330	10	10.0	333	7876	U	7.88
1,2,4-Trichlorobenzene		330	10	10.0	333	7876	U	7.88
Naphthalene		330	10	10.0	333	7876	U	7.88
4-Chloroaniline		330	10	10.0	333	7876	U	7.88
Hexachlorobutadiene		330	10	10.0	333	7876	U	7.88
4-Chloro-3-methylphenol		330	10	10.0	333	7876	U	7.88
2-Methylnaphthalene		330	10	10.0	333	7876	U	7.88
Hexachlorocyclopentadiene		330	10	10.0	333	7876	U	7.88
2,4,6-Trichlorophenol		550	10	10.0	333	7876	U	7.88
2,4,5-Trichlorophenol		550	10	10.0	333	7876	U	7.88
2-Chloronaphthalene		330	10	10.0	333	7876	U	7.88
2-Nitroaniline		330	10	10.0	333	7876	U	7.88
Acenaphthalene		330	10	10.0	333	7876	U	7.88
Dimethylphthalate		1500	10	10.0	333	7876	U	7.88
2,6-Dinitrotoluene		330	10	10.0	333	7876	U	7.88
3-Nitroaniline		330	10	10.0	333	7876	U	7.88
Acenaphthene		330	10	10.0	333	7876	U	7.88
2,4-Dinitrophenol		550	10	10.0	333	7876	U	7.88
Dibenzofuran		330	10	10.0	333	7876	U	7.88
2,4-Dinitrotoluene		330	10	10.0	333	7876	U	7.88
4-Nitrophenol		550	10	10.0	333	7876	U	7.88
Fluorene		550	10	10.0	333	7876	U	7.88
4-Chlorophenyl-phenyl ether		330	10	10.0	333	7876	U	7.88
Diethylphthalate		1500	10	10.0	333	7876	U	7.88
4-Nitroaniline		330	10	10.0	333	7876	U	7.88
4,6-Dinitro-2-methylphenol		550	10	10.0	333	7876	U	7.88
N-Nitrosodiphenylamine		330	10	10.0	333	7876	U	7.88
4-Bromophenyl-phenylether		330	10	10.0	333	7876	U	7.88
Hexachlorobenzene		330	10	10.0	333	7876	U	7.88
Pentachlorophenol		550	10	10.0	333	7876	U	7.88
Phenanthrene		330	10	10.2	341	8057		8.06
Anthracene		330	10	10.0	333	7876	U	7.88
Di-n-butylphthalate		1500	10	10.0	333	7876	U	7.88
Fluoranthene		330	17	17.4	580	13703		13.70
Pyrene		330	23	23.0	768	18145		18.15
Butylbenzylphthalate		1500	10	10.0	333	7876	U	7.88
3,3-Dichlorobenzidine		330	10	10.0	333	7876	U	7.88
Benzo (a) anthracene		330	7	7.0	233	5513	J	5.51
Chrysene		330	10	9.8	326	7694	J	7.69
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	7876	U	7.88
Di-n-octylphthalate		1500	10	10.0	333	7876	U	7.88
Benzo (b) fluoranthene		330	10	10.0	333	7876	U	7.88
Benzo (k) fluoranthene		330	10	10.0	333	7876	U	7.88
Benzo (a) pyrene		330	10	10.0	333	7876	U	7.88
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	7876	U	7.88
Dibenzo (a,h) anthracene		330	10	10.0	333	7876	U	7.88
Benzo (g,h,i) perylene		330	10	10.0	333	7876	U	7.88

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0.4	9	25-121
Phenol-d6		0.5	10	24-113
Nitrobenzene-d5		0.0	0	23-120
2-Fluorobiphenyl		1.7	34	30-115
2,4,6-Tribromophenol		4.1	82	19-122
Terphenyl-d14		8.0	159	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111101-	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111101-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-64	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/11/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	68
Data File Name:	SA04632	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	493	U	0.49
Phenol		550	10	10.0	333	493	U	0.49
2-Chlorophenol		550	10	10.0	333	493	U	0.49
1,3-Dichlorobenzene		330	10	10.0	333	493	U	0.49
1,4-Dichlorobenzene		330	10	10.0	333	493	U	0.49
1,2-Dichlorobenzene		330	10	10.0	333	493	U	0.49
Benzyl Alcohol		330	10	10.0	333	493	U	0.49
bis (2-Chloroisopropyl) ether		330	10	10.0	333	493	U	0.49
2-Methylphenol		550	10	10.0	333	493	U	0.49
Hexachloroethane		330	10	10.0	333	493	U	0.49
N-Nitroso-di-n-propylamine		330	10	10.0	333	493	U	0.49
4-Methylphenol		550	10	10.0	333	493	U	0.49
Nitrobenzene		330	10	10.0	333	493	U	0.49
Isophorone		330	10	10.0	333	493	U	0.49
2-Nitrophenol		550	10	10.0	333	493	U	0.49
2,4-Dimethylphenol		550	10	10.0	333	493	U	0.49
bis (2-Chloroethoxy) methane		330	10	10.0	333	493	U	0.49
2,4-Dichlorophenol		550	10	10.0	333	493	U	0.49
Benzoic Acid		330	10	10.0	333	493	U	0.49
1,2,4-Trichlorobenzene		330	10	10.0	333	493	U	0.49
Naphthalene		330	10	10.0	333	493	U	0.49
4-Chloroaniline		330	10	10.0	333	493	U	0.49
Hexachlorobutadiene		330	10	10.0	333	493	U	0.49
4-Chloro-3-methylphenol		330	10	10.0	333	493	U	0.49
2-Methylnaphthalene		330	10	10.0	333	493	U	0.49
Hexachlorocyclopentadiene		330	10	10.0	333	493	U	0.49
2,4,6-Trichlorophenol		550	10	10.0	333	493	U	0.49
2,4,5-Trichlorophenol		550	10	10.0	333	493	U	0.49
2-Chloronaphthalene		330	10	10.0	333	493	U	0.49
2-Nitroaniline		330	10	10.0	333	493	U	0.49
Acenaphthalene		330	10	10.0	333	493	U	0.49
Dimethylphthalate		1500	10	10.0	333	493	U	0.49
2,6-Dinitrotoluene		330	10	10.0	333	493	U	0.49
3-Nitroaniline		330	10	10.0	333	493	U	0.49
Acenaphthene		330	10	10.0	333	493	U	0.49
2,4-Dinitrophenol		550	10	10.0	333	493	U	0.49
Dibenzofuran		330	10	10.0	333	493	U	0.49
2,4-Dinitrotoluene		330	10	10.0	333	493	U	0.49
4-Nitrophenol		550	10	10.0	333	493	U	0.49
Fluorene		550	10	10.0	333	493	U	0.49
4-Chlorophenyl-phenyl ether		330	10	10.0	333	493	U	0.49
Diethylphthalate		1500	10	10.0	333	493	U	0.49
4-Nitroaniline		330	10	10.0	333	493	U	0.49
4,6-Dinitro-2-methylphenol		550	10	10.0	333	493	U	0.49
N-Nitrosodiphenylamine		330	10	10.0	333	493	U	0.49
4-Bromophenyl-phenylether		330	10	10.0	333	493	U	0.49
Hexachlorobenzene		330	10	10.0	333	493	U	0.49
Pentachlorophenol		550	10	10.0	333	493	U	0.49
Phenanthrene		330	10	10.0	333	493	U	0.49
Anthracene		330	10	10.0	333	493	U	0.49
Di-n-butylphthalate		1500	10	10.0	333	493	U	0.49
Fluoranthene		330	10	10.0	333	493	U	0.49
Pyrene		330	10	10.0	333	493	U	0.49
Butylbenzylphthalate		1500	10	10.0	333	493	U	0.49
3,3-Dichlorobenzidine		330	10	10.0	333	493	U	0.49
Benzo (a) anthracene		330	10	10.0	333	493	U	0.49
Chrysene		330	10	10.0	333	493	U	0.49
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	493	U	0.49
Di-n-octylphthalate		1500	10	10.0	333	493	U	0.49
Benzo (b) fluoranthene		330	10	10.0	333	493	U	0.49
Benzo (k) fluoranthene		330	10	10.0	333	493	U	0.49
Benzo (a) pyrene		330	10	10.0	333	493	U	0.49
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	493	U	0.49
Dibenzo (a,h) anthracene		330	10	10.0	333	493	U	0.49
Benzo (g,h,i) perylene		330	10	10.0	333	493	U	0.49

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		29.3	29	25-121
Phenol-d6		31.3	31	24-113
Nitrobenzene-d5		40.0	40	23-120
2-Fluorobiphenyl		58.5	59	30-115
2,4,6-Tribromophenol		49.8	50	19-122
Terphenyl-d14		33.1	33	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111101-	Lab Prep Date:	11/12/01
Lab Sample ID:	URS111101-06	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-70	Prep Method 2:	
Date Sample Collected:	11/11/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/11/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	85
Data File Name:	SA04633	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3902	U	3.90
Phenol		550	10	10.0	333	3902	U	3.90
2-Chlorophenol		550	10	10.0	333	3902	U	3.90
1,3-Dichlorobenzene		330	10	10.0	333	3902	U	3.90
1,4-Dichlorobenzene		330	10	10.0	333	3902	U	3.90
1,2-Dichlorobenzene		330	10	10.0	333	3902	U	3.90
Benzyl Alcohol		330	10	10.0	333	3902	U	3.90
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3902	U	3.90
2-Methylphenol		550	10	10.0	333	3902	U	3.90
Hexachloroethane		330	10	10.0	333	3902	U	3.90
N-Nitroso-di-n-propylamine		330	10	10.0	333	3902	U	3.90
4-Methylphenol		550	10	10.0	333	3902	U	3.90
Nitrobenzene		330	10	10.0	333	3902	U	3.90
Isophorone		330	10	10.0	333	3902	U	3.90
2-Nitrophenol		550	10	10.0	333	3902	U	3.90
2,4-Dimethylphenol		550	10	10.0	333	3902	U	3.90
bis (2-Chloroethoxy) methane		330	10	10.0	333	3902	U	3.90
2,4-Dichlorophenol		550	10	10.0	333	3902	U	3.90
Benzoic Acid		330	10	10.0	333	3902	U	3.90
1,2,4-Trichlorobenzene		330	10	10.0	333	3902	U	3.90
Naphthalene		330	10	10.0	333	3902	U	3.90
4-Chloroaniline		330	10	10.0	333	3902	U	3.90
Hexachlorobutadiene		330	10	10.0	333	3902	U	3.90
4-Chloro-3-methylphenol		330	10	10.0	333	3902	U	3.90
2-Methylnaphthalene		330	10	10.0	333	3902	U	3.90
Hexachlorocyclopentadiene		330	10	10.0	333	3902	U	3.90
2,4,6-Trichlorophenol		550	10	10.0	333	3902	U	3.90
2,4,5-Trichlorophenol		550	10	10.0	333	3902	U	3.90
2-Chloronaphthalene		330	10	10.0	333	3902	U	3.90
2-Nitroaniline		330	10	10.0	333	3902	U	3.90
Acenaphthalene		330	10	10.0	333	3902	U	3.90
Dimethylphthalate		1500	10	10.0	333	3902	U	3.90
2,6-Dinitrotoluene		330	10	10.0	333	3902	U	3.90
3-Nitroaniline		330	10	10.0	333	3902	U	3.90
Acenaphthene		330	10	10.0	333	3902	U	3.90
2,4-Dinitrophenol		550	10	10.0	333	3902	U	3.90
Dibenzofuran		330	10	10.0	333	3902	U	3.90
2,4-Dinitrotoluene		330	10	10.0	333	3902	U	3.90
4-Nitrophenol		550	10	10.0	333	3902	U	3.90
Fluorene		550	10	10.0	333	3902	U	3.90
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3902	U	3.90
Diethylphthalate		1500	10	10.0	333	3902	U	3.90
4-Nitroaniline		330	10	10.0	333	3902	U	3.90
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3902	U	3.90
N-Nitrosodiphenylamine		330	10	10.0	333	3902	U	3.90
4-Bromophenyl-phenylether		330	10	10.0	333	3902	U	3.90
Hexachlorobenzene		330	10	10.0	333	3902	U	3.90
Pentachlorophenol		550	10	10.0	333	3902	U	3.90
Phenanthrene		330	10	10.0	333	3902	U	3.90
Anthracene		330	10	10.0	333	3902	U	3.90
Di-n-butylphthalate		1500	10	10.0	333	3902	U	3.90
Fluoranthene		330	10	10.0	333	3902	U	3.90
Pyrene		330	10	10.0	333	3902	U	3.90
Butylbenzylphthalate		1500	10	10.0	333	3902	U	3.90
3,3-Dichlorobenzidine		330	10	10.0	333	3902	U	3.90
Benzo (a) anthracene		330	10	10.0	333	3902	U	3.90
Chrysene		330	10	10.0	333	3902	U	3.90
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3902	U	3.90
Di-n-octylphthalate		1500	10	10.0	333	3902	U	3.90
Benzo (b) fluoranthene		330	10	10.0	333	3902	U	3.90
Benzo (k) fluoranthene		330	10	10.0	333	3902	U	3.90
Benzo (a) pyrene		330	10	10.0	333	3902	U	3.90
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3902	U	3.90
Dibenzo (a,h) anthracene		330	10	10.0	333	3902	U	3.90
Benzo (g,h,i) perylene		330	10	10.0	333	3902	U	3.90

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		8.5	85	25-121
Phenol-d6		6.2	62	24-113
Nitrobenzene-d5		8.2	82	23-120
2-Fluorobiphenyl		9.0	90	30-115
2,4,6-Tribromophenol		10.8	108	19-122
Terphenyl-d14		19.2	192	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Signature Date

Review Signature Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111201	Lab Prep Date	11/12/01
Lab Sample ID:	URS1112-01	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-174	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/07/01
Date Sample Received	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	80
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4176	U	4.2
Phenol		550	10	10	333	4176	U	4.2
2-Chlorophenol		550	10	10	333	4176	U	4.2
1,3-Dichlorobenzene		330	10	10	333	4176	U	4.2
1,4-Dichlorobenzene		330	10	10	333	4176	U	4.2
1,2-Dichlorobenzene		330	10	10	333	4176	U	4.2
Benzyl Alcohol		330	10	10	333	4176	U	4.2
bis (2-Chloroisopropyl) ether		330	10	10	333	4176	U	4.2
2-Methylphenol		550	10	10	333	4176	U	4.2
Hexachloroethane		330	10	10	333	4176	U	4.2
N-Nitroso-di-n-propylamine		330	10	10	333	4176	U	4.2
4-Methylphenol		550	10	10	333	4176	U	4.2
Nitrobenzene		330	10	10	333	4176	U	4.2
Isophorone		330	10	10	333	4176	U	4.2
2-Nitrophenol		550	10	10	333	4176	U	4.2
2,4-Dimethylphenol		550	10	10	333	4176	U	4.2
bis (2-Chloroethoxy) methane		330	10	10	333	4176	U	4.2
2,4-Dichlorophenol		550	10	10	333	4176	U	4.2
Benzoic Acid		330	10	10	333	4176	U	4.2
1,2,4-Trichlorobenzene		330	5	5	168	2100	J	2.1
Naphthalene		330	10	10	333	4176	U	4.2
4-Chloroaniline		330	10	10	333	4176	U	4.2
Hexachlorobutadiene		330	10	10	333	4176	U	4.2
4-Chloro-3-methylphenol		330	10	10	333	4176	U	4.2
2-Methylnaphthalene		330	10	10	333	4176	U	4.2
Hexachlorocyclopentadiene		330	10	10	333	4176	U	4.2
2,4,6-Trichlorophenol		550	10	10	333	4176	U	4.2
2,4,5-Trichlorophenol		550	10	10	333	4176	U	4.2
2-Chloronaphthalene		330	10	10	333	4176	U	4.2
2-Nitroaniline		330	10	10	333	4176	U	4.2
Acenaphthalene		330	10	10	333	4176	U	4.2
Dimethylphthalate		1500	10	10	333	4176	U	4.2
2,6-Dinitrotoluene		330	10	10	333	4176	U	4.2
3-Nitroaniline		330	10	10	333	4176	U	4.2
Acenaphthene		330	10	10	333	4176	U	4.2
2,4-Dinitrophenol		550	10	10	333	4176	U	4.2
Dibenzofuran		330	10	10	333	4176	U	4.2
2,4-Dinitrotoluene		330	10	10	333	4176	U	4.2
4-Nitrophenol		550	10	10	333	4176	U	4.2
Fluorene		550	10	10	333	4176	U	4.2
4-Chlorophenyl-phenyl ether		330	10	10	333	4176	U	4.2
Diethylphthalate		1500	10	10	333	4176	U	4.2
4-Nitroaniline		330	10	10	333	4176	U	4.2
4,6-Dinitro-2-methylphenol		550	10	10	333	4176	U	4.2
N-Nitrosodiphenylamine		330	10	10	333	4176	U	4.2
4-Bromophenyl-phenylether		330	10	10	333	4176	U	4.2
Hexachlorobenzene		330	10	10	333	4176	U	4.2
Pentachlorophenol		550	10	10	333	4176	U	4.2
Phenanthrene		330	54	54	1793	22456		22
Anthracene		330	53	53	1764	22097		22
Di-n-butylphthalate		1500	10	10	333	4176	U	4.2
Fluoranthene		330	67	67	2218	27788		28
Pyrene		330	98	98	3271	40979		41
Butylbenzylphthalate		1500	10	10	333	4176	U	4.2
3,3-Dichlorobenzidine		330	10	10	333	4176	U	4.2
Benzo (a) anthracene		330	65	65	2165	27124		27
Chrysene		330	65	65	2155	26999		27
bis (2-Ethylhexyl) phthalate		1500	7	7	243	3044	J	3.0
Di-n-octylphthalate		1500	10	10	333	4176	U	4.2
Benzo (b) fluoranthene		330	23	23	779	9758		9.8
Benzo (k) fluoranthene		330	24	24	793	9934		9.9
Benzo (a) pyrene		330	21	21	688	8614		8.6
Indeno (1,2,3-cd) pyrene		330	9	9	306	3837	J	3.8
Dibenzo (a,h) anthracene		330	10	10	333	4176	U	4.2
Benzo (g,h,i) perylene		330	12	12	406	5086		5.1

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS1112-02	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-185	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	87
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	382	U	0.38
Phenol		550	10	10	333	382	U	0.38
2-Chlorophenol		550	10	10	333	382	U	0.38
1,3-Dichlorobenzene		330	10	10	333	382	U	0.38
1,4-Dichlorobenzene		330	10	10	333	382	U	0.38
1,2-Dichlorobenzene		330	10	10	333	382	U	0.38
Benzyl Alcohol		330	10	10	333	382	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	382	U	0.38
2-Methylphenol		550	10	10	333	382	U	0.38
Hexachloroethane		330	10	10	333	382	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	382	U	0.38
4-Methylphenol		550	10	10	333	382	U	0.38
Nitrobenzene		330	10	10	333	382	U	0.38
Isophorone		330	10	10	333	382	U	0.38
2-Nitrophenol		550	10	10	333	382	U	0.38
2,4-Dimethylphenol		550	10	10	333	382	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	382	U	0.38
2,4-Dichlorophenol		550	10	10	333	382	U	0.38
Benzoic Acid		330	10	10	333	382	U	0.38
1,2,4-Trichlorobenzene		330	**5**	**5**	**168**	**192**	J	**0.19**
Naphthalene		330	10	10	333	382	U	0.38
4-Chloroaniline		330	10	10	333	382	U	0.38
Hexachlorobutadiene		330	10	10	333	382	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	382	U	0.38
2-Methylnaphthalene		330	10	10	333	382	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	382	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	382	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	382	U	0.38
2-Chloronaphthalene		330	10	10	333	382	U	0.38
2-Nitroaniline		330	10	10	333	382	U	0.38
Acenaphthalene		330	10	10	333	382	U	0.38
Dimethylphthalate		1500	10	10	333	382	U	0.38
2,6-Dinitrotoluene		330	10	10	333	382	U	0.38
3-Nitroaniline		330	10	10	333	382	U	0.38
Acenaphthene		330	10	10	333	382	U	0.38
2,4-Dinitrophenol		550	10	10	333	382	U	0.38
Dibenzofuran		330	10	10	333	382	U	0.38
2,4-Dinitrotoluene		330	10	10	333	382	U	0.38
4-Nitrophenol		550	10	10	333	382	U	0.38
Fluorene		550	10	10	333	382	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	382	U	0.38
Diethylphthalate		1500	10	10	333	382	U	0.38
4-Nitroaniline		330	10	10	333	382	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	382	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	382	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	382	U	0.38
Hexachlorobenzene		330	10	10	333	382	U	0.38
Pentachlorophenol		550	10	10	333	382	U	0.38
Phenanthrene		330	**54**	**54**	**1793**	**2055**		**2.05**
Anthracene		330	**53**	**53**	**1764**	**2022**		**2.02**
Di-n-butylphthalate		1500	10	10	333	382	U	0.38
Fluoranthene		330	**67**	**67**	**2218**	**2543**		**2.54**
Pyrene		330	**98**	**98**	**3271**	**3750**		**3.75**
Butylbenzylphthalate		1500	10	10	333	382	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	382	U	0.38
Benzo (a) anthracene		330	**65**	**65**	**2165**	**2482**		**2.48**
Chrysene		330	**65**	**65**	**2155**	**2471**		**2.47**
bis (2-Ethylhexyl) phthalate		1500	**7**	**7**	**243**	**279**	J	**0.28**
Di-n-octylphthalate		1500	10	10	333	382	U	0.38
Benzo (b) fluoranthene		330	**23**	**23**	**779**	**893**		**0.89**
Benzo (k) fluoranthene		330	**24**	**24**	**793**	**909**		**0.91**
Benzo (a) pyrene		330	**21**	**21**	**688**	**788**		**0.79**
Indeno (1,2,3-cd) pyrene		330	**9**	**9**	**306**	**351**	J	**0.35**
Dibenzo (a,h) anthracene		330	10	10	333	382	U	0.38
Benzo (g,h,i) perylene		330	**12**	**12**	**406**	**465**		**0.47**

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111201	Lab Prep Date:	11/12/01
Lab Sample ID:	URS1112-03	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-196	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS004	Percent Solids:	84
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	399	U	0.40
Phenol		550	10	10	333	399	U	0.40
2-Chlorophenol		550	10	10	333	399	U	0.40
1,3-Dichlorobenzene		330	10	10	333	399	U	0.40
1,4-Dichlorobenzene		330	10	10	333	399	U	0.40
1,2-Dichlorobenzene		330	10	10	333	399	U	0.40
Benzyl Alcohol		330	10	10	333	399	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	399	U	0.40
2-Methylphenol		550	10	10	333	399	U	0.40
Hexachloroethane		330	10	10	333	399	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	399	U	0.40
4-Methylphenol		550	10	10	333	399	U	0.40
Nitrobenzene		330	10	10	333	399	U	0.40
Isophorone		330	10	10	333	399	U	0.40
2-Nitrophenol		550	10	10	333	399	U	0.40
2,4-Dimethylphenol		550	10	10	333	399	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	399	U	0.40
2,4-Dichlorophenol		550	10	10	333	399	U	0.40
Benzoic Acid		330	10	10	333	399	U	0.40
1,2,4-Trichlorobenzene		330	**5**	**5**	**168**	**201**	**J**	**0.20**
Naphthalene		330	10	10	333	399	U	0.40
4-Chloroaniline		330	10	10	333	399	U	0.40
Hexachlorobutadiene		330	10	10	333	399	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	399	U	0.40
2-Methylnaphthalene		330	10	10	333	399	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	399	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	399	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	399	U	0.40
2-Chloronaphthalene		330	10	10	333	399	U	0.40
2-Nitroaniline		330	10	10	333	399	U	0.40
Acenaphthalene		330	10	10	333	399	U	0.40
Dimethylphthalate		1500	10	10	333	399	U	0.40
2,6-Dinitrotoluene		330	10	10	333	399	U	0.40
3-Nitroaniline		330	10	10	333	399	U	0.40
Acenaphthene		330	10	10	333	399	U	0.40
2,4-Dinitrophenol		550	10	10	333	399	U	0.40
Dibenzofuran		330	10	10	333	399	U	0.40
2,4-Dinitrotoluene		330	10	10	333	399	U	0.40
4-Nitrophenol		550	10	10	333	399	U	0.40
Fluorene		550	10	10	333	399	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	399	U	0.40
Diethylphthalate		1500	10	10	333	399	U	0.40
4-Nitroaniline		330	10	10	333	399	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	399	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	399	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	399	U	0.40
Hexachlorobenzene		330	10	10	333	399	U	0.40
Pentachlorophenol		550	10	10	333	399	U	0.40
Phenanthrene		330	**54**	**54**	**1793**	**2145**		**2.15**
Anthracene		330	**53**	**53**	**1764**	**2111**		**2.11**
Di-n-butylphthalate		1500	10	10	333	399	U	0.40
Fluoranthene		330	**67**	**67**	**2218**	**2654**		**2.65**
Pyrene		330	**98**	**98**	**3271**	**3914**		**3.91**
Butylbenzylphthalate		1500	10	10	333	399	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	399	U	0.40
Benzo (a) anthracene		330	**65**	**65**	**2165**	**2591**		**2.59**
Chrysene		330	**65**	**65**	**2155**	**2579**		**2.58**
bis (2-Ethylhexyl) phthalate		1500	**7**	**7**	**243**	**291**	**J**	**0.29**
Di-n-octylphthalate		1500	10	10	333	399	U	0.40
Benzo (b) fluoranthene		330	**23**	**23**	**779**	**932**		**0.93**
Benzo (k) fluoranthene		330	**24**	**24**	**793**	**949**		**0.95**
Benzo (a) pyrene		330	**21**	**21**	**688**	**823**		**0.82**
Indeno (1,2,3-cd) pyrene		330	**9**	**9**	**306**	**367**	**J**	**0.37**
Dibenzo (a,h) anthracene		330	10	10	333	399	U	0.40
Benzo (g,h,i) perylene		330	**12**	**12**	**406**	**486**		**0.49**

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111201	Lab Prep Date	11/12/01
Lab Sample ID:	URS1112-04	Prep Method 1	SW3550
Field Sample ID:	GCMS-Q-206	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		*Result Units:*	*ug/kg*
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS004	Percent Solids.	85
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	393	U	0.39
Phenol		550	10	10	333	393	U	0.39
2-Chlorophenol		550	10	10	333	393	U	0.39
1,3-Dichlorobenzene		330	10	10	333	393	U	0.39
1,4-Dichlorobenzene		330	10	10	333	393	U	0.39
1,2-Dichlorobenzene		330	10	10	333	393	U	0.39
Benzyl Alcohol		330	10	10	333	393	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	393	U	0.39
2-Methylphenol		550	10	10	333	393	U	0.39
Hexachloroethane		330	10	10	333	393	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	393	U	0.39
4-Methylphenol		550	10	10	333	393	U	0.39
Nitrobenzene		330	10	10	333	393	U	0.39
Isophorone		330	10	10	333	393	U	0.39
2-Nitrophenol		550	10	10	333	393	U	0.39
2,4-Dimethylphenol		550	10	10	333	393	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	393	U	0.39
2,4-Dichlorophenol		550	10	10	333	393	U	0.39
Benzoic Acid		330	10	10	333	393	U	0.39
1,2,4-Trichlorobenzene		330	5	5	168	198	J	0.20
Naphthalene		330	10	10	333	393	U	0.39
4-Chloroaniline		330	10	10	333	393	U	0.39
Hexachlorobutadiene		330	10	10	333	393	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	393	U	0.39
2-Methylnaphthalene		330	10	10	333	393	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	393	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	393	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	393	U	0.39
2-Chloronaphthalene		330	10	10	333	393	U	0.39
2-Nitroaniline		330	10	10	333	393	U	0.39
Acenaphthalene		330	10	10	333	393	U	0.39
Dimethylphthalate		1500	10	10	333	393	U	0.39
2,6-Dinitrotoluene		330	10	10	333	393	U	0.39
3-Nitroaniline		330	10	10	333	393	U	0.39
Acenaphthene		330	10	10	333	393	U	0.39
2,4-Dinitrophenol		550	10	10	333	393	U	0.39
Dibenzofuran		330	10	10	333	393	U	0.39
2,4-Dinitrotoluene		330	10	10	333	393	U	0.39
4-Nitrophenol		550	10	10	333	393	U	0.39
Fluorene		550	10	10	333	393	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	393	U	0.39
Diethylphthalate		1500	10	10	333	393	U	0.39
4-Nitroaniline		330	10	10	333	393	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	393	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	393	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	393	U	0.39
Hexachlorobenzene		330	10	10	333	393	U	0.39
Pentachlorophenol		550	10	10	333	393	U	0.39
Phenanthrene		330	54	54	1793	2114		2.11
Anthracene		330	53	53	1764	2081		2.08
Di-n-butylphthalate		1500	10	10	333	393	U	0.39
Fluoranthene		330	67	67	2218	2617		2.62
Pyrene		330	98	98	3271	3859		3.86
Butylbenzylphthalate		1500	10	10	333	393	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	393	U	0.39
Benzo (a) anthracene		330	65	65	2165	2554		2.55
Chrysene		330	65	65	2155	2542		2.54
bis (2-Ethylhexyl) phthalate		1500	7	7	243	287	J	0.29
Di-n-octylphthalate		1500	10	10	333	393	U	0.39
Benzo (b) fluoranthene		330	23	23	779	919		0.92
Benzo (k) fluoranthene		330	24	24	793	935		0.94
Benzo (a) pyrene		330	21	21	688	811		0.81
Indeno (1,2,3-cd) pyrene		330	9	9	306	361	J	0.36
Dibenzo (a,h) anthracene		330	10	10	333	393	U	0.39
Benzo (g,h,I) perylene		330	12	12	406	479		0.48

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111201	Lab Prep Date:	11/13/01
Lab Sample ID:	URS1112-05	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-214	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	83
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	401	U	0.40
Phenol		550	10	10	333	401	U	0.40
2-Chlorophenol		550	10	10	333	401	U	0.40
1,3-Dichlorobenzene		330	10	10	333	401	U	0.40
1,4-Dichlorobenzene		330	10	10	333	401	U	0.40
1,2-Dichlorobenzene		330	10	10	333	401	U	0.40
Benzyl Alcohol		330	10	10	333	401	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	401	U	0.40
2-Methylphenol		550	10	10	333	401	U	0.40
Hexachloroethane		330	10	10	333	401	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	401	U	0.40
4-Methylphenol		550	10	10	333	401	U	0.40
Nitrobenzene		330	10	10	333	401	U	0.40
Isophorone		330	10	10	333	401	U	0.40
2-Nitrophenol		550	10	10	333	401	U	0.40
2,4-Dimethylphenol		550	10	10	333	401	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	401	U	0.40
2,4-Dichlorophenol		550	10	10	333	401	U	0.40
Benzoic Acid		330	10	10	333	401	U	0.40
1,2,4-Trichlorobenzene		330	5	5	168	202	J	0.20
Naphthalene		330	10	10	333	401	U	0.40
4-Chloroaniline		330	10	10	333	401	U	0.40
Hexachlorobutadiene		330	10	10	333	401	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	401	U	0.40
2-Methylnaphthalene		330	10	10	333	401	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	401	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	401	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	401	U	0.40
2-Chloronaphthalene		330	10	10	333	401	U	0.40
2-Nitroaniline		330	10	10	333	401	U	0.40
Acenaphthalene		330	10	10	333	401	U	0.40
Dimethylphthalate		1500	10	10	333	401	U	0.40
2,6-Dinitrotoluene		330	10	10	333	401	U	0.40
3-Nitroaniline		330	10	10	333	401	U	0.40
Acenaphthene		330	10	10	333	401	U	0.40
2,4-Dinitrophenol		550	10	10	333	401	U	0.40
Dibenzofuran		330	10	10	333	401	U	0.40
2,4-Dinitrotoluene		330	10	10	333	401	U	0.40
4-Nitrophenol		550	10	10	333	401	U	0.40
Fluorene		550	10	10	333	401	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	401	U	0.40
Diethylphthalate		1500	10	10	333	401	U	0.40
4-Nitroaniline		330	10	10	333	401	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	401	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	401	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	401	U	0.40
Hexachlorobenzene		330	10	10	333	401	U	0.40
Pentachlorophenol		550	10	10	333	401	U	0.40
Phenanthrene		330	**54**	**54**	**1793**	**2155**		**2.15**
Anthracene		330	**53**	**53**	**1764**	**2120**		**2.12**
Di-n-butylphthalate		1500	10	10	333	401	U	0.40
Fluoranthene		330	**67**	**67**	**2218**	**2666**		**2.67**
Pyrene		330	**98**	**98**	**3271**	**3932**		**3.93**
Butylbenzylphthalate		1500	10	10	333	401	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	401	U	0.40
Benzo (a) anthracene		330	**65**	**65**	**2165**	**2603**		**2.60**
Chrysene		330	**65**	**65**	**2155**	**2591**		**2.59**
bis (2-Ethylhexyl) phthalate		1500	**7**	**7**	**243**	**292**	J	**0.29**
Di-n-octylphthalate		1500	10	10	333	401	U	0.40
Benzo (b) fluoranthene		330	**23**	**23**	**779**	**936**		**0.94**
Benzo (k) fluoranthene		330	**24**	**24**	**793**	**953**		**0.95**
Benzo (a) pyrene		330	**21**	**21**	**688**	**827**		**0.83**
Indeno (1,2,3-cd) pyrene		330	**9**	**9**	**306**	**368**	J	**0.37**
Dibenzo (a,h) anthracene		330	10	10	333	401	U	0.40
Benzo (g,h,i) perylene		330	**12**	**12**	**406**	**488**		**0.49**

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		35	25-121
Phenol-d6		51	24-113
Nitrobenzene-d5		52	23-120
2-Fluorobiphenyl		57	30-115
2,4,6-Tribromophenol		38	19-122
Terphenyl-d14		36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111201	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111201-06	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-220	Prep Method 2	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/12/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids	82
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	404	U	0.40
Phenol		550	10	10	333	404	U	0.40
2-Chlorophenol		550	10	10	333	404	U	0.40
1,3-Dichlorobenzene		330	10	10	333	404	U	0.40
1,4-Dichlorobenzene		330	10	10	333	404	U	0.40
1,2-Dichlorobenzene		330	10	10	333	404	U	0.40
Benzyl Alcohol		330	10	10	333	404	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	404	U	0.40
2-Methylphenol		550	10	10	333	404	U	0.40
Hexachloroethane		330	10	10	333	404	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	404	U	0.40
4-Methylphenol		550	10	10	333	404	U	0.40
Nitrobenzene		330	10	10	333	404	U	0.40
Isophorone		330	10	10	333	404	U	0.40
2-Nitrophenol		550	10	10	333	404	U	0.40
2,4-Dimethylphenol		550	10	10	333	404	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	404	U	0.40
2,4-Dichlorophenol		550	10	10	333	404	U	0.40
Benzoic Acid		330	10	10	333	404	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	404	U	0.40
Naphthalene		330	10	10	333	404	U	0.40
4-Chloroaniline		330	10	10	333	404	U	0.40
Hexachlorobutadiene		330	10	10	333	404	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	404	U	0.40
2-Methylnaphthalene		330	10	10	333	404	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	404	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	404	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	404	U	0.40
2-Chloronaphthalene		330	10	10	333	404	U	0.40
2-Nitroaniline		330	10	10	333	404	U	0.40
Acenaphthalene		330	10	10	333	404	U	0.40
Dimethylphthalate		1500	10	10	333	404	U	0.40
2,6-Dinitrotoluene		330	10	10	333	404	U	0.40
3-Nitroaniline		330	10	10	333	404	U	0.40
Acenaphthene		330	10	10	333	404	U	0.40
2,4-Dinitrophenol		550	10	10	333	404	U	0.40
Dibenzofuran		330	10	10	333	404	U	0.40
2,4-Dinitrotoluene		330	10	10	333	404	U	0.40
4-Nitrophenol		550	10	10	333	404	U	0.40
Fluorene		550	10	10	333	404	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	404	U	0.40
Diethylphthalate		1500	10	10	333	404	U	0.40
4-Nitroaniline		330	10	10	333	404	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	404	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	404	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	404	U	0.40
Hexachlorobenzene		330	10	10	333	404	U	0.40
Pentachlorophenol		550	10	10	333	404	U	0.40
Phenanthrene		330	10	10	333	404	U	0.40
Anthracene		330	10	10	333	404	U	0.40
Di-n-butylphthalate		1500	10	10	333	404	U	0.40
Fluoranthene		330	10	10	333	404	U	0.40
Pyrene		330	10	10	333	404	U	0.40
Butylbenzylphthalate		1500	10	10	333	404	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	404	U	0.40
Benzo (a) anthracene		330	10	10	333	404	U	0.40
Chrysene		330	10	10	333	404	U	0.40
bis (2-Ethylhexyl) phthalate		1500	10	10	333	404	U	0.40
Di-n-octylphthalate		1500	10	10	333	404	U	0.40
Benzo (b) fluoranthene		330	10	10	333	404	U	0.40
Benzo (k) fluoranthene		330	10	10	333	404	U	0.40
Benzo (a) pyrene		330	10	10	333	404	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	404	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	404	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	404	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		67	67	25-121
Phenol-d6		65	65	24-113
Nitrobenzene-d5		71	71	23-120
2-Fluorobiphenyl		77	77	30-115
2,4,6-Tribromophenol		79	79	19-122
Terphenyl-d14		51	51	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111201	Lab Prep Date	11/13/01
Lab Sample ID:	URS111201-07	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-224	Prep Method 2	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	85
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	392	U	0.39
Phenol		550	10	10	333	392	U	0.39
2-Chlorophenol		550	10	10	333	392	U	0.39
1,3-Dichlorobenzene		330	10	10	333	392	U	0.39
1,4-Dichlorobenzene		330	10	10	333	392	U	0.39
1,2-Dichlorobenzene		330	10	10	333	392	U	0.39
Benzyl Alcohol		330	10	10	333	392	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	392	U	0.39
2-Methylphenol		550	10	10	333	392	U	0.39
Hexachloroethane		330	10	10	333	392	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	392	U	0.39
4-Methylphenol		550	10	10	333	392	U	0.39
Nitrobenzene		330	10	10	333	392	U	0.39
Isophorone		330	10	10	333	392	U	0.39
2-Nitrophenol		550	10	10	333	392	U	0.39
2,4-Dimethylphenol		550	10	10	333	392	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	392	U	0.39
2,4-Dichlorophenol		550	10	10	333	392	U	0.39
Benzoic Acid		330	10	10	333	392	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	392	U	0.39
Naphthalene		330	10	10	333	392	U	0.39
4-Chloroaniline		330	10	10	333	392	U	0.39
Hexachlorobutadiene		330	10	10	333	392	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	392	U	0.39
2-Methylnaphthalene		330	10	10	333	392	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	392	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	392	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	392	U	0.39
2-Chloronaphthalene		330	10	10	333	392	U	0.39
2-Nitroaniline		330	10	10	333	392	U	0.39
Acenaphthalene		330	10	10	333	392	U	0.39
Dimethylphthalate		1500	10	10	333	392	U	0.39
2,6-Dinitrotoluene		330	10	10	333	392	U	0.39
3-Nitroaniline		330	10	10	333	392	U	0.39
Acenaphthene		330	10	10	333	392	U	0.39
2,4-Dinitrophenol		550	10	10	333	392	U	0.39
Dibenzofuran		330	10	10	333	392	U	0.39
2,4-Dinitrotoluene		330	10	10	333	392	U	0.39
4-Nitrophenol		550	10	10	333	392	U	0.39
Fluorene		550	10	10	333	392	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	392	U	0.39
Diethylphthalate		1500	10	10	333	392	U	0.39
4-Nitroaniline		330	10	10	333	392	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	392	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	392	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	392	U	0.39
Hexachlorobenzene		330	10	10	333	392	U	0.39
Pentachlorophenol		550	10	10	333	392	U	0.39
Phenanthrene		330	10	10	333	392	U	0.39
Anthracene		330	10	10	333	392	U	0.39
Di-n-butylphthalate		1500	10	10	333	392	U	0.39
Fluoranthene		330	10	10	333	392	U	0.39
Pyrene		330	10	10	333	392	U	0.39
Butylbenzylphthalate		1500	10	10	333	392	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	392	U	0.39
Benzo (a) anthracene		330	10	10	333	392	U	0.39
Chrysene		330	10	10	333	392	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	10	333	392	U	0.39
Di-n-octylphthalate		1500	10	10	333	392	U	0.39
Benzo (b) fluoranthene		330	10	10	333	392	U	0.39
Benzo (k) fluoranthene		330	10	10	333	392	U	0.39
Benzo (a) pyrene		330	10	10	333	392	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	392	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	392	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	392	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		45	45	25-121
Phenol-d6		47	47	24-113
Nitrobenzene-d5		53	53	23-120
2-Fluorobiphenyl		60	60	30-115
2,4,6-Tribromophenol		73	73	19-122
Terphenyl-d14		50	50	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group.	URS111201	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111201-08	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-225	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/16/01
Date Sample Received	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor.	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	95
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	352	U	0.35
Phenol		550	10	10	333	352	U	0.35
2-Chlorophenol		550	10	10	333	352	U	0.35
1,3-Dichlorobenzene		330	10	10	333	352	U	0.35
1,4-Dichlorobenzene		330	10	10	333	352	U	0.35
1,2-Dichlorobenzene		330	10	10	333	352	U	0.35
Benzyl Alcohol		330	10	10	333	352	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	352	U	0.35
2-Methylphenol		550	10	10	333	352	U	0.35
Hexachloroethane		330	10	10	333	352	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	352	U	0.35
4-Methylphenol		550	10	10	333	352	U	0.35
Nitrobenzene		330	10	10	333	352	U	0.35
Isophorone		330	10	10	333	352	U	0.35
2-Nitrophenol		550	10	10	333	352	U	0.35
2,4-Dimethylphenol		550	10	10	333	352	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	352	U	0.35
2,4-Dichlorophenol		550	10	10	333	352	U	0.35
Benzoic Acid		330	10	10	333	352	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	352	U	0.35
Naphthalene		330	10	10	333	352	U	0.35
4-Chloroaniline		330	10	10	333	352	U	0.35
Hexachlorobutadiene		330	10	10	333	352	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	352	U	0.35
2-Methylnaphthalene		330	10	10	333	352	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	352	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	352	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	352	U	0.35
2-Chloronaphthalene		330	10	10	333	352	U	0.35
2-Nitroaniline		330	10	10	333	352	U	0.35
Acenaphthalene		330	10	10	333	352	U	0.35
Dimethylphthalate		1500	10	10	333	352	U	0.35
2,6-Dinitrotoluene		330	10	10	333	352	U	0.35
3-Nitroaniline		330	10	10	333	352	U	0.35
Acenaphthene		330	10	10	333	352	U	0.35
2,4-Dinitrophenol		550	10	10	333	352	U	0.35
Dibenzofuran		330	10	10	333	352	U	0.35
2,4-Dinitrotoluene		330	10	10	333	352	U	0.35
4-Nitrophenol		550	10	10	333	352	U	0.35
Fluorene		550	10	10	333	352	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	352	U	0.35
Diethylphthalate		1500	10	10	333	352	U	0.35
4-Nitroaniline		330	10	10	333	352	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	352	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	352	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	352	U	0.35
Hexachlorobenzene		330	10	10	333	352	U	0.35
Pentachlorophenol		550	10	10	333	352	U	0.35
Phenanthrene		330	10	10	333	352	U	0.35
Anthracene		330	10	10	333	352	U	0.35
Di-n-butylphthalate		1500	10	10	333	352	U	0.35
Fluoranthene		330	10	10	333	352	U	0.35
Pyrene		330	10	10	333	352	U	0.35
Butylbenzylphthalate		1500	10	10	333	352	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	352	U	0.35
Benzo (a) anthracene		330	10	10	333	352	U	0.35
Chrysene		330	10	10	333	352	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	352	U	0.35
Di-n-octylphthalate		1500	10	10	333	352	U	0.35
Benzo (b) fluoranthene		330	10	10	333	352	U	0.35
Benzo (k) fluoranthene		330	10	10	333	352	U	0.35
Benzo (a) pyrene		330	10	10	333	352	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	352	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	352	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	352	U	0.35

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		64	64	25-121
Phenol-d6		59	59	24-113
Nitrobenzene-d5		71	71	23-120
2-Fluorobiphenyl		77	77	30-115
2,4,6-Tribromophenol		74	74	19-122
Terphenyl-d14		50	50	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111201	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111201-09	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-226	Prep Method 2:	
Date Sample Collected:	11/12/01	Lab Analysis Date:	11/16/01
Date Sample Received	11/12/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS005	Percent Solids:	76
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	438	U	0.44
Phenol		550	10	10	333	438	U	0.44
2-Chlorophenol		550	10	10	333	438	U	0.44
1,3-Dichlorobenzene		330	10	10	333	438	U	0.44
1,4-Dichlorobenzene		330	10	10	333	438	U	0.44
1,2-Dichlorobenzene		330	10	10	333	438	U	0.44
Benzyl Alcohol		330	10	10	333	438	U	0.44
bis (2-Chloroisopropyl) ether		330	10	10	333	438	U	0.44
2-Methylphenol		550	10	10	333	438	U	0.44
Hexachloroethane		330	10	10	333	438	U	0.44
N-Nitroso-di-n-propylamine		330	10	10	333	438	U	0.44
4-Methylphenol		550	10	10	333	438	U	0.44
Nitrobenzene		330	10	10	333	438	U	0.44
Isophorone		330	10	10	333	438	U	0.44
2-Nitrophenol		550	10	10	333	438	U	0.44
2,4-Dimethylphenol		550	10	10	333	438	U	0.44
bis (2-Chloroethoxy) methane		330	10	10	333	438	U	0.44
2,4-Dichlorophenol		550	10	10	333	438	U	0.44
Benzoic Acid		330	10	10	333	438	U	0.44
1,2,4-Trichlorobenzene		330	10	10	333	438	U	0.44
Naphthalene		330	10	10	333	438	U	0.44
4-Chloroaniline		330	10	10	333	438	U	0.44
Hexachlorobutadiene		330	10	10	333	438	U	0.44
4-Chloro-3-methylphenol		330	10	10	333	438	U	0.44
2-Methylnaphthalene		330	10	10	333	438	U	0.44
Hexachlorocyclopentadiene		330	10	10	333	438	U	0.44
2,4,6-Trichlorophenol		550	10	10	333	438	U	0.44
2,4,5-Trichlorophenol		550	10	10	333	438	U	0.44
2-Chloronaphthalene		330	10	10	333	438	U	0.44
2-Nitroaniline		330	10	10	333	438	U	0.44
Acenaphthalene		330	10	10	333	438	U	0.44
Dimethylphthalate		1500	10	10	333	438	U	0.44
2,6-Dinitrotoluene		330	10	10	333	438	U	0.44
3-Nitroaniline		330	10	10	333	438	U	0.44
Acenaphthene		330	10	10	333	438	U	0.44
2,4-Dinitrophenol		550	10	10	333	438	U	0.44
Dibenzofuran		330	10	10	333	438	U	0.44
2,4-Dinitrotoluene		330	10	10	333	438	U	0.44
4-Nitrophenol		550	10	10	333	438	U	0.44
Fluorene		550	10	10	333	438	U	0.44
4-Chlorophenyl-phenyl ether		330	10	10	333	438	U	0.44
Diethylphthalate		1500	10	10	333	438	U	0.44
4-Nitroaniline		330	10	10	333	438	U	0.44
4,6-Dinitro-2-methylphenol		550	10	10	333	438	U	0.44
N-Nitrosodiphenylamine		330	10	10	333	438	U	0.44
4-Bromophenyl-phenylether		330	10	10	333	438	U	0.44
Hexachlorobenzene		330	10	10	333	438	U	0.44
Pentachlorophenol		550	10	10	333	438	U	0.44
Phenanthrene		330	10	10	333	438	U	0.44
Anthracene		330	10	10	333	438	U	0.44
Di-n-butylphthalate		1500	10	10	333	438	U	0.44
Fluoranthene		330	10	10	333	438	U	0.44
Pyrene		330	10	10	333	438	U	0.44
Butylbenzylphthalate		1500	10	10	333	438	U	0.44
3,3-Dichlorobenzidine		330	10	10	333	438	U	0.44
Benzo (a) anthracene		330	10	10	333	438	U	0.44
Chrysene		330	10	10	333	438	U	0.44
bis (2-Ethylhexyl) phthalate		1500	10	10	333	438	U	0.44
Di-n-octylphthalate		1500	10	10	333	438	U	0.44
Benzo (b) fluoranthene		330	10	10	333	438	U	0.44
Benzo (k) fluoranthene		330	10	10	333	438	U	0.44
Benzo (a) pyrene		330	10	10	333	438	U	0.44
Indeno (1,2,3-cd) pyrene		330	10	10	333	438	U	0.44
Dibenzo (a,h) anthracene		330	10	10	333	438	U	0.44
Benzo (g,h,i) perylene		330	10	10	333	438	U	0.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		66	66	25-121
Phenol-d6		60	60	24-113
Nitrobenzene-d5		75	75	23-120
2-Fluorobiphenyl		75	75	30-115
2,4,6-Tribromophenol		77	77	19-122
Terphenyl-d14		48	48	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS1114-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-14	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	83
Lab Data File Name:		Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	399	U	0.4
Phenol		550	85	85	2819	3378		3.4
2-Chlorophenol		550	10	10	333	399	U	0.4
1,3-Dichlorobenzene		330	10	10	333	399	U	0.4
1,4-Dichlorobenzene		330	56	56	1867	2237		2.2
1,2-Dichlorobenzene		330	39	39	1311	1571		1.6
Benzyl Alcohol		330	10	10	333	399	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	399	U	0.4
2-Methylphenol		550	10	10	333	399	U	0.4
Hexachloroethane		330	10	10	333	399	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	399	U	0.4
4-Methylphenol		550	10	10	333	399	U	0.4
Nitrobenzene		330	10	10	333	399	U	0.4
Isophorone		330	10	10	333	399	U	0.4
2-Nitrophenol		550	10	10	333	399	U	0.4
2,4-Dimethylphenol		550	10	10	333	399	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	399	U	0.4
2,4-Dichlorophenol		550	13	13	438	525		0.5
Benzoic Acid		330	10	10	333	399	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	399	U	0.4
Naphthalene		330	49	49	1623	1945		1.9
4-Chloroaniline		330	10	10	333	399	U	0.4
Hexachlorobutadiene		330	10	10	333	399	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	399	U	0.4
2-Methylnaphthalene		330	10	10	333	399	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	399	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	399	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	399	U	0.4
2-Chloronaphthalene		330	10	10	333	399	U	0.4
2-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthalene		330	10	10	333	399	U	0.4
Dimethylphthalate		1500	10	10	333	399	U	0.4
2,6-Dinitrotoluene		330	10	10	333	399	U	0.4
3-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthene		330	10	10	333	399	U	0.4
2,4-Dinitrophenol		550	10	10	333	399	U	0.4
Dibenzofuran		330	10	10	333	399	U	0.4
2,4-Dinitrotoluene		330	10	10	333	399	U	0.4
4-Nitrophenol		550	10	10	333	399	U	0.4
Fluorene		550	10	10	333	399	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10	333	399	U	0.4
Diethylphthalate		1500	10	10	333	399	U	0.4
4-Nitroaniline		330	10	10	333	399	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	399	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	399	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	399	U	0.4
Hexachlorobenzene		330	10	10	333	399	U	0.4
Pentachlorophenol		550	10	10	333	399	U	0.4
Phenanthrene		330	10	10	333	399	U	0.4
Anthracene		330	10	10	333	399	U	0.4
Di-n-butylphthalate		1500	10	10	333	399	U	0.4
Fluoranthene		330	10	10	333	399	U	0.4
Pyrene		330	10	10	333	399	U	0.4
Butylbenzylphthalate		1500	10	10	333	399	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	399	U	0.4
Benzo (a) anthracene		330	10	10	333	399	U	0.4
Chrysene		330	10	10	333	399	U	0.4
bis (2-Ethylhexyl) phthalate		1500	10	10	333	399	U	0.4
Di-n-octylphthalate		1500	10	10	333	399	U	0.4
Benzo (b) fluoranthene		330	10	10	333	399	U	0.4
Benzo (k) fluoranthene		330	10	10	333	399	U	0.4
Benzo (a) pyrene		330	10	10	333	399	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10	333	399	U	0.4
Dibenzo (a,h) anthracene		330	10	10	333	399	U	0.4
Benzo (g,h,i) perylene		330	10	10	333	399	U	0.4

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		31	31	25-121
Phenol-d6		34	34	24-113
Nitrobenzene-d5		38	38	23-120
2-Fluorobiphenyl		43	43	30-115
2,4,6-Tribromophenol		50	50	19-122
Terphenyl-d14		79	79	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-16	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	91
Lab Data File Name:		Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	368	U	0.37
Phenol		550	10	10	333	368	U	0.37
2-Chlorophenol		550	10	10	333	368	U	0.37
1,3-Dichlorobenzene		330	10	10	333	368	U	0.37
1,4-Dichlorobenzene		330	34	34	1118	1234		1.23
1,2-Dichlorobenzene		330	10	10	333	368	U	0.37
Benzyl Alcohol		330	10	10	333	368	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	368	U	0.37
2-Methylphenol		550	10	10	333	368	U	0.37
Hexachloroethane		330	10	10	333	368	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	368	U	0.37
4-Methylphenol		550	10	10	333	368	U	0.37
Nitrobenzene		330	10	10	333	368	U	0.37
Isophorone		330	10	10	333	368	U	0.37
2-Nitrophenol		550	10	10	333	368	U	0.37
2,4-Dimethylphenol		550	10	10	333	368	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	368	U	0.37
2,4-Dichlorophenol		550	10	10	333	368	U	0.37
Benzoic Acid		330	10	10	333	368	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	368	U	0.37
Naphthalene		330	10	10	333	368	U	0.37
4-Chloroaniline		330	10	10	333	368	U	0.37
Hexachlorobutadiene		330	10	10	333	368	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	368	U	0.37
2-Methylnaphthalene		330	10	10	333	368	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	368	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	368	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	368	U	0.37
2-Chloronaphthalene		330	10	10	333	368	U	0.37
2-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthalene		330	10	10	333	368	U	0.37
Dimethylphthalate		1500	10	10	333	368	U	0.37
2,6-Dinitrotoluene		330	10	10	333	368	U	0.37
3-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthene		330	10	10	333	368	U	0.37
2,4-Dinitrophenol		550	10	10	333	368	U	0.37
Dibenzofuran		330	10	10	333	368	U	0.37
2,4-Dinitrotoluene		330	10	10	333	368	U	0.37
4-Nitrophenol		550	10	10	333	368	U	0.37
Fluorene		550	10	10	333	368	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	368	U	0.37
Diethylphthalate		1500	10	10	333	368	U	0.37
4-Nitroaniline		330	10	10	333	368	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	368	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	368	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	368	U	0.37
Hexachlorobenzene		330	10	10	333	368	U	0.37
Pentachlorophenol		550	10	10	333	368	U	0.37
Phenanthrene		330	11	11	356	393		0.39
Anthracene		330	10	10	333	368	U	0.37
Di-n-butylphthalate		1500	10	10	333	368	U	0.37
Fluoranthene		330	26	26	865	955		0.95
Pyrene		330	23	23	757	836		0.84
Butylbenzylphthalate		1500	10	10	333	368	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	368	U	0.37
Benzo (a) anthracene		330	12	12	410	453		0.45
Chrysene		330	17	17	572	631		0.63
bis (2-Ethylhexyl) phthalate		1500	10	10	333	368	U	0.37
Di-n-octylphthalate		1500	10	10	333	368	U	0.37
Benzo (b) fluoranthene		330	27	27	888	981		0.98
Benzo (k) fluoranthene		330	9	9	312	344		0.34
Benzo (a) pyrene		330	6	6	195	216	J	0.22
Indeno (1,2,3-cd) pyrene		330	10	10	333	368	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	368	U	0.37
Benzo (g,h,i) perylene		330	15	15	512	565		0.56

SURROGATES	CAS Number	% REC	XDL	Soil
2-Fluorophenol		58	58	25-121
Phenol-d6		49	49	24-113
Nitrobenzene-d5		69	69	23-120
2-Fluorobiphenyl		69	69	30-115
2,4,6-Tribromophenol		66	66	19-122
Terphenyl-d14		86	86	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Results= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-03	Prep Method 1:	SW3050
Field Sample ID:	*GCMS-Q-18*	*Prep Method 2:*	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	90
Lab Data File Name:	SA04445	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	369	U	0.37
Phenol		550	10	10	333	369	U	0.37
2-Chlorophenol		550	10	10	333	369	U	0.37
1,3-Dichlorobenzene		330	10	10	333	369	U	0.37
1,4-Dichlorobenzene		330	82	82	2733	3027		3.03
1,2-Dichlorobenzene		330	10	10	333	369	U	0.37
Benzyl Alcohol		330	10	10	333	369	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	369	U	0.37
2-Methylphenol		550	10	10	333	369	U	0.37
Hexachloroethane		330	10	10	333	369	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	369	U	0.37
4-Methylphenol		550	10	10	333	369	U	0.37
Nitrobenzene		330	10	10	333	369	U	0.37
Isophorone		330	10	10	333	369	U	0.37
2-Nitrophenol		550	10	10	333	369	U	0.37
2,4-Dimethylphenol		550	10	10	333	369	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	369	U	0.37
2,4-Dichlorophenol		550	10	10	333	369	U	0.37
Benzoic Acid		330	10	10	333	369	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	369	U	0.37
Naphthalene		330	10	10	333	369	U	0.37
4-Chloroaniline		330	12	12	396	439		0.44
Hexachlorobutadiene		330	10	10	333	369	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	369	U	0.37
2-Methylnaphthalene		330	10	10	333	369	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	369	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	369	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	369	U	0.37
2-Chloronaphthalene		330	10	10	333	369	U	0.37
2-Nitroaniline		330	10	10	333	369	U	0.37
Acenaphthalene		330	10	10	333	369	U	0.37
Dimethylphthalate		1500	10	10	333	369	U	0.37
2,6-Dinitrotoluene		330	10	10	333	369	U	0.37
3-Nitroaniline		330	10	10	333	369	U	0.37
Acenaphthene		330	10	10	333	369	U	0.37
2,4-Dinitrophenol		550	10	10	333	369	U	0.37
Dibenzofuran		330	10	10	333	369	U	0.37
2,4-Dinitrotoluene		330	10	10	333	369	U	0.37
4-Nitrophenol		550	10	10	333	369	U	0.37
Fluorene		550	10	10	333	369	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	369	U	0.37
Diethylphthalate		1500	10	10	333	369	U	0.37
4-Nitroaniline		330	10	10	333	369	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	369	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	369	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	369	U	0.37
Hexachlorobenzene		330	10	10	333	369	U	0.37
Pentachlorophenol		550	10	10	333	369	U	0.37
Phenanthrene		330	11	11	378	419		0.42
Anthracene		330	10	10	333	369	U	0.37
Di-n-butylphthalate		1500	10	10	333	369	U	0.37
Fluoranthene		330	25	25	839	929		0.93
Pyrene		330	56	56	1879	2082		2.08
Butylbenzylphthalate		1500	10	10	333	369	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	369	U	0.37
Benzo (a) anthracene		330	12	12	405	449		0.45
Chrysene		330	15	15	488	541		0.54
bis (2-Ethylhexyl) phthalate		1500	10	10	333	369	U	0.37
Di-n-octylphthalate		1500	10	10	333	369	U	0.37
Benzo (b) fluoranthene		330	22	22	726	805		0.80
Benzo (k) fluoranthene		330	7	7	238	264	J	0.26
Benzo (a) pyrene		330	16	16	517	573		0.57
Indeno (1,2,3-cd) pyrene		330	15	15	504	558		0.56
Dibenzo (a,h) anthracene		330	7	7	243	270	J	0.27
Benzo (g,h,i) perylene		330	14	14	464	514		0.51

SURROGATES	CAS Number	% REC	XDL	Soil
2-Fluorophenol		54	54	25-121
Phenol-d6		47	47	24-113
Nitrobenzene-d5		160	160	23-120
2-Fluorobiphenyl		77	77	30-115
2,4,6-Tribromophenol		77	77	19-122
Terphenyl-d14		204	204	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-04	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-20	Prep Method 2	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	86
Lab Data File Name:	SA04446	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	388	U	0.39
Phenol		550	10	10	333	388	U	0.39
2-Chlorophenol		550	10	10	333	388	U	0.39
1,3-Dichlorobenzene		330	10	10	333	388	U	0.39
1,4-Dichlorobenzene		330	10	10	333	388	U	0.39
1,2-Dichlorobenzene		330	10	10	333	388	U	0.39
Benzyl Alcohol		330	10	10	333	388	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	388	U	0.39
2-Methylphenol		550	10	10	333	388	U	0.39
Hexachloroethane		330	10	10	333	388	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	388	U	0.39
4-Methylphenol		550	10	10	333	388	U	0.39
Nitrobenzene		330	10	10	333	388	U	0.39
Isophorone		330	10	10	333	388	U	0.39
2-Nitrophenol		550	10	10	333	388	U	0.39
2,4-Dimethylphenol		550	10	10	333	388	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	388	U	0.39
2,4-Dichlorophenol		550	10	10	333	388	U	0.39
Benzoic Acid		330	10	10	333	388	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	388	U	0.39
Naphthalene		330	10	10	333	388	U	0.39
4-Chloroaniline		330	10	10	333	388	U	0.39
Hexachlorobutadiene		330	10	10	333	388	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	388	U	0.39
2-Methylnaphthalene		330	10	10	333	388	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	388	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	388	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	388	U	0.39
2-Chloronaphthalene		330	10	10	333	388	U	0.39
2-Nitroaniline		330	10	10	333	388	U	0.39
Acenaphthalene		330	10	10	333	388	U	0.39
Dimethylphthalate		1500	10	10	333	388	U	0.39
2,6-Dinitrotoluene		330	10	10	333	388	U	0.39
3-Nitroaniline		330	10	10	333	388	U	0.39
Acenaphthene		330	5	5	172	200	J	0.20
2,4-Dinitrophenol		550	10	10	333	388	U	0.39
Dibenzofuran		330	10	10	333	388	U	0.39
2,4-Dinitrotoluene		330	10	10	333	388	U	0.39
4-Nitrophenol		550	10	10	333	388	U	0.39
Fluorene		550	10	10	333	388	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	388	U	0.39
Diethylphthalate		1500	10	10	333	388	U	0.39
4-Nitroaniline		330	10	10	333	388	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	388	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	388	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	388	U	0.39
Hexachlorobenzene		330	10	10	333	388	U	0.39
Pentachlorophenol		550	10	10	333	388	U	0.39
Phenanthrene		330	53	53	1777	2066		2.07
Anthracene		330	11	11	366	426		0.43
Di-n-butylphthalate		1500	10	10	333	388	U	0.39
Fluoranthene		330	127	127	4250	4943	E	4.94
Pyrene		330	201	201	6710	7804	E	7.80
Butylbenzylphthalate		1500	10	10	333	388	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	388	U	0.39
Benzo (a) anthracene		330	33	33	1103	1283		1.28
Chrysene		330	35	35	1178	1370		1.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	388	U	0.39
Di-n-octylphthalate		1500	10	10	333	388	U	0.39
Benzo (b) fluoranthene		330	40	40	1340	1559		1.56
Benzo (k) fluoranthene		330	21	21	711	827		0.83
Benzo (a) pyrene		330	26	26	865	1006		1.01
Indeno (1,2,3-cd) pyrene		330	9	9	306	356	J	0.36
Dibenzo (a,h) anthracene		330	6	6	194	226	J	0.23
Benzo (g,h,i) perylene		330	29	29	978	1137		1.14

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		35	35	25-121
Phenol-d6		39	39	24-113
Nitrobenzene-d5		41	41	23-120
2-Fluorobiphenyl		61	61	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		170	170	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-135	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	88
Lab Data File Name:	SA04447	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	380	U	0.38
Phenol		550	10	10	333	380	U	0.38
2-Chlorophenol		550	10	10	333	380	U	0.38
1,3-Dichlorobenzene		330	10	10	333	380	U	0.38
1,4-Dichlorobenzene		330	10	10	333	380	U	0.38
1,2-Dichlorobenzene		330	10	10	333	380	U	0.38
Benzyl Alcohol		330	10	10	333	380	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	380	U	0.38
2-Methylphenol		550	10	10	333	380	U	0.38
Hexachloroethane		330	10	10	333	380	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	380	U	0.38
4-Methylphenol		550	10	10	333	380	U	0.38
Nitrobenzene		330	10	10	333	380	U	0.38
Isophorone		330	10	10	333	380	U	0.38
2-Nitrophenol		550	10	10	333	380	U	0.38
2,4-Dimethylphenol		550	10	10	333	380	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	380	U	0.38
2,4-Dichlorophenol		550	10	10	333	380	U	0.38
Benzoic Acid		330	10	10	333	380	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	380	U	0.38
Naphthalene		330	10	10	333	380	U	0.38
4-Chloroaniline		330	10	10	333	380	U	0.38
Hexachlorobutadiene		330	10	10	333	380	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	380	U	0.38
2-Methylnaphthalene		330	10	10	333	380	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	380	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	380	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	380	U	0.38
2-Chloronaphthalene		330	10	10	333	380	U	0.38
2-Nitroaniline		330	10	10	333	380	U	0.38
Acenaphthalene		330	10	10	333	380	U	0.38
Dimethylphthalate		1500	10	10	333	380	U	0.38
2,6-Dinitrotoluene		330	10	10	333	380	U	0.38
3-Nitroaniline		330	10	10	333	380	U	0.38
Acenaphthene		330	10	10	333	380	U	0.38
2,4-Dinitrophenol		550	10	10	333	380	U	0.38
Dibenzofuran		330	10	10	333	380	U	0.38
2,4-Dinitrotoluene		330	10	10	333	380	U	0.38
4-Nitrophenol		550	10	10	333	380	U	0.38
Fluorene		550	10	10	333	380	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	380	U	0.38
Diethylphthalate		1500	10	10	333	380	U	0.38
4-Nitroaniline		330	10	10	333	380	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	380	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	380	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	380	U	0.38
Hexachlorobenzene		330	10	10	333	380	U	0.38
Pentachlorophenol		550	10	10	333	380	U	0.38
Phenanthrene		330	10	10	333	380	U	0.38
Anthracene		330	10	10	333	380	U	0.38
Di-n-butylphthalate		1500	10	10	333	380	U	0.38
Fluoranthene		330	10	10	333	380	U	0.38
Pyrene		330	10	10	333	380	U	0.38
Butylbenzylphthalate		1500	10	10	333	380	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	380	U	0.38
Benzo (a) anthracene		330	10	10	333	380	U	0.38
Chrysene		330	10	10	333	380	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	380	U	0.38
Di-n-octylphthalate		1500	10	10	333	380	U	0.38
Benzo (b) fluoranthene		330	10	10	333	380	U	0.38
Benzo (k) fluoranthene		330	10	10	333	380	U	0.38
Benzo (a) pyrene		330	10	10	333	380	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	380	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	380	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	380	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		49	49	25-121
Phenol-d6		48	48	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		63	63	30-115
2,4,6-Tribromophenol		57	57	19-122
Terphenyl-d14		84	84	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-06	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-136	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	96
Lab Data File Name:	SA4448	Laboratory Code	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	347	U	0.35
Phenol		550	10	10	333	347	U	0.35
2-Chlorophenol		550	10	10	333	347	U	0.35
1,3-Dichlorobenzene		330	10	10	333	347	U	0.35
1,4-Dichlorobenzene		330	10	10	333	347	U	0.35
1,2-Dichlorobenzene		330	10	10	333	347	U	0.35
Benzyl Alcohol		330	10	10	333	347	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	347	U	0.35
2-Methylphenol		550	10	10	333	347	U	0.35
Hexachloroethane		330	10	10	333	347	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	347	U	0.35
4-Methylphenol		550	10	10	333	347	U	0.35
Nitrobenzene		330	10	10	333	347	U	0.35
Isophorone		330	10	10	333	347	U	0.35
2-Nitrophenol		550	10	10	333	347	U	0.35
2,4-Dimethylphenol		550	10	10	333	347	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	347	U	0.35
2,4-Dichlorophenol		550	10	10	333	347	U	0.35
Benzoic Acid		330	10	10	333	347	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	347	U	0.35
Naphthalene		330	10	10	333	347	U	0.35
4-Chloroaniline		330	10	10	333	347	U	0.35
Hexachlorobutadiene		330	10	10	333	347	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	347	U	0.35
2-Methylnaphthalene		330	10	10	333	347	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	347	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	347	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	347	U	0.35
2-Chloronaphthalene		330	10	10	333	347	U	0.35
2-Nitroaniline		330	10	10	333	347	U	0.35
Acenaphthalene		330	10	10	333	347	U	0.35
Dimethylphthalate		1500	10	10	333	347	U	0.35
2,6-Dinitrotoluene		330	10	10	333	347	U	0.35
3-Nitroaniline		330	10	10	333	347	U	0.35
Acenaphthene		330	10	10	333	347	U	0.35
2,4-Dinitrophenol		550	10	10	333	347	U	0.35
Dibenzofuran		330	10	10	333	347	U	0.35
2,4-Dinitrotoluene		330	10	10	333	347	U	0.35
4-Nitrophenol		550	10	10	333	347	U	0.35
Fluorene		550	10	10	333	347	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	347	U	0.35
Diethylphthalate		1500	10	10	333	347	U	0.35
4-Nitroaniline		330	10	10	333	347	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	347	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	347	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	347	U	0.35
Hexachlorobenzene		330	10	10	333	347	U	0.35
Pentachlorophenol		550	10	10	333	347	U	0.35
Phenanthrene		330	10	10	333	347	U	0.35
Anthracene		330	10	10	333	347	U	0.35
Di-n-butylphthalate		1500	10	10	333	347	U	0.35
Fluoranthene		330	10	10	333	347	U	0.35
Pyrene		330	10	10	333	347	U	0.35
Butylbenzylphthalate		1500	10	10	333	347	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	347	U	0.35
Benzo (a) anthracene		330	10	10	333	347	U	0.35
Chrysene		330	10	10	333	347	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	347	U	0.35
Di-n-octylphthalate		1500	10	10	333	347	U	0.35
Benzo (b) fluoranthene		330	10	10	333	347	U	0.35
Benzo (k) fluoranthene		330	10	10	333	347	U	0.35
Benzo (a) pyrene		330	10	10	333	347	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	347	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	347	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	347	U	0.35

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56	56	25-121
Phenol-d6		55	55	24-113
Nitrobenzene-d5		64	64	23-120
2-Fluorobiphenyl		69	69	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		75	75	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date.	11/14/01
Lab Sample ID:	URS111401-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-139	Prep Method 2.	
Date Sample Collected:	11/14/01	Lab Analysis Date.	11/17/01
Date Sample Received:	11/14/01	Result Type.	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	88
Lab Data File Name:	SA04449	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3792	U	3.8
Phenol		550	10	10	333	3792	U	3.8
2-Chlorophenol		550	10	10	333	3792	U	3.8
1,3-Dichlorobenzene		330	10	10	333	3792	U	3.8
1,4-Dichlorobenzene		330	10	10	333	3792	U	3.8
1,2-Dichlorobenzene		330	10	10	333	3792	U	3.8
Benzyl Alcohol		330	10	10	333	3792	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10	333	3792	U	3.8
2-Methylphenol		550	10	10	333	3792	U	3.8
Hexachloroethane		330	10	10	333	3792	U	3.8
N-Nitroso-di-n-propylamine		330	10	10	333	3792	U	3.8
4-Methylphenol		550	10	10	333	3792	U	3.8
Nitrobenzene		330	10	10	333	3792	U	3.8
Isophorone		330	10	10	333	3792	U	3.8
2-Nitrophenol		550	10	10	333	3792	U	3.8
2,4-Dimethylphenol		550	10	10	333	3792	U	3.8
bis (2-Chloroethoxy) methane		330	10	10	333	3792	U	3.8
2,4-Dichlorophenol		550	10	10	333	3792	U	3.8
Benzoic Acid		330	10	10	333	3792	U	3.8
1,2,4-Trichlorobenzene		330	10	10	333	3792	U	3.8
Naphthalene		330	10	10	333	3792	U	3.8
4-Chloroaniline		330	10	10	333	3792	U	3.8
Hexachlorobutadiene		330	10	10	333	3792	U	3.8
4-Chloro-3-methylphenol		330	10	10	333	3792	U	3.8
2-Methylnaphthalene		330	10	10	333	3792	U	3.8
Hexachlorocyclopentadiene		330	10	10	333	3792	U	3.8
2,4,6-Trichlorophenol		550	10	10	333	3792	U	3.8
2,4,5-Trichlorophenol		550	10	10	333	3792	U	3.8
2-Chloronaphthalene		330	10	10	333	3792	U	3.8
2-Nitroaniline		330	10	10	333	3792	U	3.8
Acenaphthalene		330	10	10	333	3792	U	3.8
Dimethylphthalate		1500	10	10	333	3792	U	3.8
2,6-Dinitrotoluene		330	10	10	333	3792	U	3.8
3-Nitroaniline		330	10	10	333	3792	U	3.8
Acenaphthene		330	10	10	333	3792	U	3.8
2,4-Dinitrophenol		550	10	10	333	3792	U	3.8
Dibenzofuran		330	10	10	333	3792	U	3.8
2,4-Dinitrotoluene		330	10	10	333	3792	U	3.8
4-Nitrophenol		550	10	10	333	3792	U	3.8
Fluorene		550	10	10	333	3792	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10	333	3792	U	3.8
Diethylphthalate		1500	10	10	333	3792	U	3.8
4-Nitroaniline		330	10	10	333	3792	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10	333	3792	U	3.8
N-Nitrosodiphenylamine		330	10	10	333	3792	U	3.8
4-Bromophenyl-phenylether		330	10	10	333	3792	U	3.8
Hexachlorobenzene		330	10	10	333	3792	U	3.8
Pentachlorophenol		550	10	10	333	3792	U	3.8
Phenanthrene		330	10	10	333	3792	U	3.8
Anthracene		330	10	10	333	3792	U	3.8
Di-n-butylphthalate		1500	10	10	333	3792	U	3.8
Fluoranthene		330	10	10	333	3792	U	3.8
Pyrene		330	10	10	333	3792	U	3.8
Butylbenzylphthalate		1500	10	10	333	3792	U	3.8
3,3-Dichlorobenzidine		330	10	10	333	3792	U	3.8
Benzo (a) anthracene		330	10	10	333	3792	U	3.8
Chrysene		330	10	10	333	3792	U	3.8
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3792	U	3.8
Di-n-octylphthalate		1500	10	10	333	3792	U	3.8
Benzo (b) fluoranthene		330	10	10	333	3792	U	3.8
Benzo (k) fluoranthene		330	10	10	333	3792	U	3.8
Benzo (a) pyrene		330	10	10	333	3792	U	3.8
Indeno (1,2,3-cd) pyrene		330	10	10	333	3792	U	3.8
Dibenzo (a,h) anthracene		330	10	10	333	3792	U	3.8
Benzo (g,h,i) perylene		330	10	10	333	3792	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		10	104	25-121
Phenol-d6		8	81	24-113
Nitrobenzene-d5		11	114	23-120
2-Fluorobiphenyl		10	101	30-115
2,4,6-Tribromophenol		8	83	19-122
Terphenyl-d14		16	159	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date	11/14/01
Lab Sample ID:	URS111401-08	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-140	Prep Method 2	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/07/01
Date Sample Received:	11/14/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	95
Lab Data File Name:	SA04450	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	351	U	0.35
Phenol		550	10	10	333	351	U	0.35
2-Chlorophenol		550	10	10	333	351	U	0.35
1,3-Dichlorobenzene		330	10	10	333	351	U	0.35
1,4-Dichlorobenzene		330	10	10	333	351	U	0.35
1,2-Dichlorobenzene		330	10	10	333	351	U	0.35
Benzyl Alcohol		330	10	10	333	351	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	351	U	0.35
2-Methylphenol		550	10	10	333	351	U	0.35
Hexachloroethane		330	10	10	333	351	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	351	U	0.35
4-Methylphenol		550	10	10	333	351	U	0.35
Nitrobenzene		330	10	10	333	351	U	0.35
Isophorone		330	10	10	333	351	U	0.35
2-Nitrophenol		550	10	10	333	351	U	0.35
2,4-Dimethylphenol		550	10	10	333	351	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	351	U	0.35
2,4-Dichlorophenol		550	10	10	333	351	U	0.35
Benzoic Acid		330	10	10	333	351	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	351	U	0.35
Naphthalene		330	10	10	333	351	U	0.35
4-Chloroaniline		330	10	10	333	351	U	0.35
Hexachlorobutadiene		330	10	10	333	351	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	351	U	0.35
2-Methylnaphthalene		330	10	10	333	351	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	351	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	351	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	351	U	0.35
2-Chloronaphthalene		330	10	10	333	351	U	0.35
2-Nitroaniline		330	10	10	333	351	U	0.35
Acenaphthalene		330	10	10	333	351	U	0.35
Dimethylphthalate		1500	10	10	333	351	U	0.35
2,6-Dinitrotoluene		330	10	10	333	351	U	0.35
3-Nitroaniline		330	10	10	333	351	U	0.35
Acenaphthene		330	10	10	333	351	U	0.35
2,4-Dinitrophenol		550	10	10	333	351	U	0.35
Dibenzofuran		330	10	10	333	351	U	0.35
2,4-Dinitrotoluene		330	10	10	333	351	U	0.35
4-Nitrophenol		550	10	10	333	351	U	0.35
Fluorene		550	10	10	333	351	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	351	U	0.35
Diethylphthalate		1500	10	10	333	351	U	0.35
4-Nitroaniline		330	10	10	333	351	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	351	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	351	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	351	U	0.35
Hexachlorobenzene		330	10	10	333	351	U	0.35
Pentachlorophenol		550	10	10	333	351	U	0.35
Phenanthrene		330	10	10	333	351	U	0.35
Anthracene		330	10	10	333	351	U	0.35
Di-n-butylphthalate		1500	10	10	333	351	U	0.35
Fluoranthene		330	10	10	333	351	U	0.35
Pyrene		330	10	10	333	351	U	0.35
Butylbenzylphthalate		1500	10	10	333	351	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	351	U	0.35
Benzo (a) anthracene		330	10	10	333	351	U	0.35
Chrysene		330	10	10	333	351	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	351	U	0.35
Di-n-octylphthalate		1500	10	10	333	351	U	0.35
Benzo (b) fluoranthene		330	10	10	333	351	U	0.35
Benzo (k) fluoranthene		330	10	10	333	351	U	0.35
Benzo (a) pyrene		330	10	10	333	351	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	351	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	351	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	351	U	0.35

SURROGATES	CAS Number	% REC	XDL	Soil
2-Fluorophenol		48	48	25-121
Phenol-d6		48	48	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		64	64	30-115
2,4,6-Tribromophenol		79	79	19-122
Terphenyl-d14		110	110	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-09	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-140	Prep Method 2	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS005	Percent Solids:	88
Lab Data File Name:	SA04451	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3786	U	3.8
Phenol		550	10	10	333	3786	U	3.8
2-Chlorophenol		550	10	10	333	3786	U	3.8
1,3-Dichlorobenzene		330	10	10	333	3786	U	3.8
1,4-Dichlorobenzene		330	10	10	333	3786	U	3.8
1,2-Dichlorobenzene		330	10	10	333	3786	U	3.8
Benzyl Alcohol		330	10	10	333	3786	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10	333	3786	U	3.8
2-Methylphenol		550	10	10	333	3786	U	3.8
Hexachloroethane		330	10	10	333	3786	U	3.8
N-Nitroso-di-n-propylamine		330	10	10	333	3786	U	3.8
4-Methylphenol		550	10	10	333	3786	U	3.8
Nitrobenzene		330	10	10	333	3786	U	3.8
Isophorone		330	10	10	333	3786	U	3.8
2-Nitrophenol		550	10	10	333	3786	U	3.8
2,4-Dimethylphenol		550	10	10	333	3786	U	3.8
bis (2-Chloroethoxy) methane		330	10	10	333	3786	U	3.8
2,4-Dichlorophenol		550	10	10	333	3786	U	3.8
Benzoic Acid		330	10	10	333	3786	U	3.8
1,2,4-Trichlorobenzene		330	10	10	333	3786	U	3.8
Naphthalene		330	10	10	333	3786	U	3.8
4-Chloroaniline		330	10	10	333	3786	U	3.8
Hexachlorobutadiene		330	10	10	333	3786	U	3.8
4-Chloro-3-methylphenol		330	10	10	333	3786	U	3.8
2-Methylnaphthalene		330	10	10	333	3786	U	3.8
Hexachlorocyclopentadiene		330	10	10	333	3786	U	3.8
2,4,6-Trichlorophenol		550	10	10	333	3786	U	3.8
2,4,5-Trichlorophenol		550	10	10	333	3786	U	3.8
2-Chloronaphthalene		330	10	10	333	3786	U	3.8
2-Nitroaniline		330	10	10	333	3786	U	3.8
Acenaphthalene		330	10	10	333	3786	U	3.8
Dimethylphthalate		1500	10	10	333	3786	U	3.8
2,6-Dinitrotoluene		330	10	10	333	3786	U	3.8
3-Nitroaniline		330	10	10	333	3786	U	3.8
Acenaphthene		330	10	10	333	3786	U	3.8
2,4-Dinitrophenol		550	10	10	333	3786	U	3.8
Dibenzofuran		330	10	10	333	3786	U	3.8
2,4-Dinitrotoluene		330	10	10	333	3786	U	3.8
4-Nitrophenol		550	10	10	333	3786	U	3.8
Fluorene		550	10	10	333	3786	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10	333	3786	U	3.8
Diethylphthalate		1500	10	10	333	3786	U	3.8
4-Nitroaniline		330	10	10	333	3786	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10	333	3786	U	3.8
N-Nitrosodiphenylamine		330	10	10	333	3786	U	3.8
4-Bromophenyl-phenylether		330	10	10	333	3786	U	3.8
Hexachlorobenzene		330	10	10	333	3786	U	3.8
Pentachlorophenol		550	10	10	333	3786	U	3.8
Phenanthrene		330	10	10	333	3786	U	3.8
Anthracene		330	10	10	333	3786	U	3.8
Di-n-butylphthalate		1500	10	10	333	3786	U	3.8
Fluoranthene		330	10	10	333	3786	U	3.8
Pyrene		330	10	10	333	3786	U	3.8
Butylbenzylphthalate		1500	10	10	333	3786	U	3.8
3,3-Dichlorobenzidine		330	10	10	333	3786	U	3.8
Benzo (a) anthracene		330	10	10	333	3786	U	3.8
Chrysene		330	10	10	333	3786	U	3.8
bis (2-Ethylhexyl) phthalate		1500	21	21	706	8019		8.0
Di-n-octylphthalate		1500	10	10	333	3786	U	3.8
Benzo (b) fluoranthene		330	10	10	333	3786	U	3.8
Benzo (k) fluoranthene		330	10	10	333	3786	U	3.8
Benzo (a) pyrene		330	10	10	333	3786	U	3.8
Indeno (1,2,3-cd) pyrene		330	10	10	333	3786	U	3.8
Dibenzo (a,h) anthracene		330	10	10	333	3786	U	3.8
Benzo (g,h,i) perylene		330	10	10	333	3786	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		7	71	25-121
Phenol-d6		6	57	24-113
Nitrobenzene-d5		8	80	23-120
2-Fluorobiphenyl		8	77	30-115
2,4,6-Tribromophenol		7	65	19-122
Terphenyl-d14		20	204	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/14/01
Lab Sample ID:	URS111401-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-205	Prep Method 2	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	78
Lab Data File Name:	SA04452	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	430	U	0.43
Phenol		550	10	10	333	430	U	0.43
2-Chlorophenol		550	10	10	333	430	U	0.43
1,3-Dichlorobenzene		330	10	10	333	430	U	0.43
1,4-Dichlorobenzene		330	10	10	333	430	U	0.43
1,2-Dichlorobenzene		330	10	10	333	430	U	0.43
Benzyl Alcohol		330	10	10	333	430	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	430	U	0.43
2-Methylphenol		550	10	10	333	430	U	0.43
Hexachloroethane		330	10	10	333	430	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	430	U	0.43
4-Methylphenol		550	10	10	333	430	U	0.43
Nitrobenzene		330	10	10	333	430	U	0.43
Isophorone		330	10	10	333	430	U	0.43
2-Nitrophenol		550	10	10	333	430	U	0.43
2,4-Dimethylphenol		550	10	10	333	430	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	430	U	0.43
2,4-Dichlorophenol		550	10	10	333	430	U	0.43
Benzoic Acid		330	10	10	333	430	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	430	U	0.43
Naphthalene		330	10	10	333	430	U	0.43
4-Chloroaniline		330	10	10	333	430	U	0.43
Hexachlorobutadiene		330	10	10	333	430	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	430	U	0.43
2-Methylnaphthalene		330	10	10	333	430	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	430	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	430	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	430	U	0.43
2-Chloronaphthalene		330	10	10	333	430	U	0.43
2-Nitroaniline		330	10	10	333	430	U	0.43
Acenaphthalene		330	10	10	333	430	U	0.43
Dimethylphthalate		1500	10	10	333	430	U	0.43
2,6-Dinitrotoluene		330	10	10	333	430	U	0.43
3-Nitroaniline		330	10	10	333	430	U	0.43
Acenaphthene		330	10	10	333	430	U	0.43
2,4-Dinitrophenol		550	10	10	333	430	U	0.43
Dibenzofuran		330	10	10	333	430	U	0.43
2,4-Dinitrotoluene		330	10	10	333	430	U	0.43
4-Nitrophenol		550	10	10	333	430	U	0.43
Fluorene		550	10	10	333	430	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	430	U	0.43
Diethylphthalate		1500	10	10	333	430	U	0.43
4-Nitroaniline		330	10	10	333	430	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	430	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	430	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	430	U	0.43
Hexachlorobenzene		330	10	10	333	430	U	0.43
Pentachlorophenol		550	10	10	333	430	U	0.43
Phenanthrene		330	10	10	333	430	U	0.43
Anthracene		330	10	10	333	430	U	0.43
Di-n-butylphthalate		1500	10	10	333	430	U	0.43
Fluoranthene		330	10	10	333	430	U	0.43
Pyrene		330	10	10	333	430	U	0.43
Butylbenzylphthalate		1500	10	10	333	430	U	0.43
3,3-Dichlorobenzidine		330	10	10	333	430	U	0.43
Benzo (a) anthracene		330	10	10	333	430	U	0.43
Chrysene		330	10	10	333	430	U	0.43
bis (2-Ethylhexyl) phthalate		1500	16	16	535	689		0.69
Di-n-octylphthalate		1500	10	10	333	430	U	0.43
Benzo (b) fluoranthene		330	10	10	333	430	U	0.43
Benzo (k) fluoranthene		330	10	10	333	430	U	0.43
Benzo (a) pyrene		330	10	10	333	430	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10	333	430	U	0.43
Dibenzo (a,h) anthracene		330	10	10	333	430	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	430	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34	34	25-121
Phenol-d6		34	34	24-113
Nitrobenzene-d5		39	39	23-120
2-Fluorobiphenyl		51	51	30-115
2,4,6-Tribromophenol		74	74	19-122
Terphenyl-d14		158	158	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-11	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-219	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor.	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	90.5
Lab Data File Name:	SA04453	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	368	U	0.37
Phenol		550	10	10	333	368	U	0.37
2-Chlorophenol		550	10	10	333	368	U	0.37
1,3-Dichlorobenzene		330	10	10	333	368	U	0.37
1,4-Dichlorobenzene		330	10	10	333	368	U	0.37
1,2-Dichlorobenzene		330	10	10	333	368	U	0.37
Benzyl Alcohol		330	10	10	333	368	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	368	U	0.37
2-Methylphenol		550	10	10	333	368	U	0.37
Hexachloroethane		330	6	6	204	225	J	0.22
N-Nitroso-di-n-propylamine		330	10	10	333	368	U	0.37
4-Methylphenol		550	10	10	333	368	U	0.37
Nitrobenzene		330	10	10	333	368	U	0.37
Isophorone		330	10	10	333	368	U	0.37
2-Nitrophenol		550	10	10	333	368	U	0.37
2,4-Dimethylphenol		550	10	10	333	368	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	368	U	0.37
2,4-Dichlorophenol		550	10	10	333	368	U	0.37
Benzoic Acid		330	10	10	333	368	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	368	U	0.37
Naphthalene		330	10	10	333	368	U	0.37
4-Chloroaniline		330	10	10	333	368	U	0.37
Hexachlorobutadiene		330	10	10	333	368	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	368	U	0.37
2-Methylnaphthalene		330	10	10	333	368	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	368	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	368	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	368	U	0.37
2-Chloronaphthalene		330	10	10	333	368	U	0.37
2-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthalene		330	10	10	333	368	U	0.37
Dimethylphthalate		1500	10	10	333	368	U	0.37
2,6-Dinitrotoluene		330	10	10	333	368	U	0.37
3-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthene		330	10	10	333	368	U	0.37
2,4-Dinitrophenol		550	10	10	333	368	U	0.37
Dibenzofuran		330	10	10	333	368	U	0.37
2,4-Dinitrotoluene		330	10	10	333	368	U	0.37
4-Nitrophenol		550	10	10	333	368	U	0.37
Fluorene		550	10	10	333	368	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	368	U	0.37
Diethylphthalate		1500	10	10	333	368	U	0.37
4-Nitroaniline		330	10	10	333	368	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	368	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	368	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	368	U	0.37
Hexachlorobenzene		330	10	10	333	368	U	0.37
Pentachlorophenol		550	10	10	333	368	U	0.37
Phenanthrene		330	10	10	333	368	U	0.37
Anthracene		330	10	10	333	368	U	0.37
Di-n-butylphthalate		1500	10	10	333	368	U	0.37
Fluoranthene		330	10	10	333	368	U	0.37
Pyrene		330	5	5	167	184	J	0.18
Butylbenzylphthalate		1500	10	10	333	368	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	368	U	0.37
Benzo (a) anthracene		330	10	10	333	368	U	0.37
Chrysene		330	10	10	333	368	U	0.37
bis (2-Ethylhexyl) phthalate		1500	12	12	416	459		0.46
Di-n-octylphthalate		1500	10	10	333	368	U	0.37
Benzo (b) fluoranthene		330	10	10	333	368	U	0.37
Benzo (k) fluoranthene		330	10	10	333	368	U	0.37
Benzo (a) pyrene		330	10	10	333	368	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	368	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	368	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	368	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		41	41	25-121
Phenol-d6		40	40	24-113
Nitrobenzene-d5		63	63	23-120
2-Fluorobiphenyl		61	61	30-115
2,4,6-Tribromophenol		52	52	19-122
Terphenyl-d14		256	256	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix affect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-12	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-19	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	85
Lab Data File Name:	SA04454	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	392	U	0.4
Phenol		550	10	10	333	392	U	0.4
2-Chlorophenol		550	10	10	333	392	U	0.4
1,3-Dichlorobenzene		330	10	10	333	392	U	0.4
1,4-Dichlorobenzene		330	54	54	1786	2099		2.1
1,2-Dichlorobenzene		330	10	10	333	392	U	0.4
Benzyl Alcohol		330	10	10	333	392	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	392	U	0.4
2-Methylphenol		550	10	10	333	392	U	0.4
Hexachloroethane		330	10	10	333	392	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	392	U	0.4
4-Methylphenol		550	10	10	333	392	U	0.4
Nitrobenzene		330	10	10	333	392	U	0.4
Isophorone		330	10	10	333	392	U	0.4
2-Nitrophenol		550	10	10	333	392	U	0.4
2,4-Dimethylphenol		550	10	10	333	392	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	392	U	0.4
2,4-Dichlorophenol		550	11	11	357	419		0.4
Benzoic Acid		330	10	10	333	392	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	392	U	0.4
Naphthalene		330	10	10	333	392	U	0.4
4-Chloroaniline		330	10	10	333	392	U	0.4
Hexachlorobutadiene		330	10	10	333	392	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	392	U	0.4
2-Methylnaphthalene		330	10	10	333	392	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	392	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	392	U	0.4
2,4,5-Trichlorophenol		550	7	7	237	278	J	0.3
2-Chloronaphthalene		330	10	10	333	392	U	0.4
2-Nitroaniline		330	10	10	333	392	U	0.4
Acenaphthalene		330	10	10	333	392	U	0.4
Dimethylphthalate		1500	10	10	333	392	U	0.4
2,6-Dinitrotoluene		330	10	10	333	392	U	0.4
3-Nitroaniline		330	10	10	333	392	U	0.4
Acenaphthene		330	10	10	333	392	U	0.4
2,4-Dinitrophenol		550	10	10	333	392	U	0.4
Dibenzofuran		330	10	10	333	392	U	0.4
2,4-Dinitrotoluene		330	10	10	333	392	U	0.4
4-Nitrophenol		550	10	10	333	392	U	0.4
Fluorene		550	10	10	333	392	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10	333	392	U	0.4
Diethylphthalate		1500	10	10	333	392	U	0.4
4-Nitroaniline		330	10	10	333	392	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	392	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	392	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	392	U	0.4
Hexachlorobenzene		330	8	8	265	311	J	0.3
Pentachlorophenol		550	428	428	14266	16764	E	16.8
Phenanthrene		330	14	14	464	545		0.5
Anthracene		330	10	10	333	392	U	0.4
Di-n-butylphthalate		1500	51	51	1695	1992		2.0
Fluoranthene		330	16	16	525	617		0.6
Pyrene		330	42	42	1386	1629		1.6
Butylbenzylphthalate		1500	10	10	333	392	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	392	U	0.4
Benzo (a) anthracene		330	8	8	281	330	J	0.3
Chrysene		330	10	10	330	387	J	0.4
bis (2-Ethylhexyl) phthalate		1500	37	37	1227	1441		1.4
Di-n-octylphthalate		1500	10	10	333	392	U	0.4
Benzo (b) fluoranthene		330	11	11	367	431		0.4
Benzo (k) fluoranthene		330	10	10	333	392	U	0.4
Benzo (a) pyrene		330	9	9	296	348	J	0.3
Indeno (1,2,3-cd) pyrene		330	8	8	266	313	J	0.3
Dibenzo (a,h) anthracene		330	10	10	333	392	U	0.4
Benzo (g,h,i) perylene		330	7	7	245	288	J	0.3

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34	34	25-121
Phenol-d6		38	38	24-113
Nitrobenzene-d5		60	60	23-120
2-Fluorobiphenyl		73	73	30-115
2,4,6-Tribromophenol		74	74	19-122
Terphenyl-d14		180	180	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date	11/15/01
Lab Sample ID:	URS1114-12	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-19	Prep Method 2	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS006	Percent Solids:	85
Lab Data File Name:		Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	392	U	0.39
Phenol		550	10	10	333	392	U	0.39
2-Chlorophenol		550	10	10	333	392	U	0.39
1,3-Dichlorobenzene		330	10	10	333	392	U	0.39
1,4-Dichlorobenzene		330	10	10	333	392	U	0.39
1,2-Dichlorobenzene		330	10	10	333	392	U	0.39
Benzyl Alcohol		330	10	10	333	392	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	392	U	0.39
2-Methylphenol		550	10	10	333	392	U	0.39
Hexachloroethane		330	10	10	333	392	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	392	U	0.39
4-Methylphenol		550	10	10	333	392	U	0.39
Nitrobenzene		330	10	10	333	392	U	0.39
Isophorone		330	10	10	333	392	U	0.39
2-Nitrophenol		550	10	10	333	392	U	0.39
2,4-Dimethylphenol		550	10	10	333	392	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	392	U	0.39
2,4-Dichlorophenol		550	10	10	333	392	U	0.39
Benzoic Acid		330	10	10	333	392	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	392	U	0.39
Naphthalene		330	10	10	333	392	U	0.39
4-Chloroaniline		330	10	10	333	392	U	0.39
Hexachlorobutadiene		330	10	10	333	392	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	392	U	0.39
2-Methylnaphthalene		330	10	10	333	392	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	392	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	392	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	392	U	0.39
2-Chloronaphthalene		330	10	10	333	392	U	0.39
2-Nitroaniline		330	10	10	333	392	U	0.39
Acenaphthalene		330	10	10	333	392	U	0.39
Dimethylphthalate		1500	10	10	333	392	U	0.39
2,6-Dinitrotoluene		330	10	10	333	392	U	0.39
3-Nitroaniline		330	10	10	333	392	U	0.39
Acenaphthene		330	10	10	333	392	U	0.39
2,4-Dinitrophenol		550	10	10	333	392	U	0.39
Dibenzofuran		330	10	10	333	392	U	0.39
2,4-Dinitrotoluene		330	10	10	333	392	U	0.39
4-Nitrophenol		550	10	10	333	392	U	0.39
Fluorene		550	10	10	333	392	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	392	U	0.39
Diethylphthalate		1500	10	10	333	392	U	0.39
4-Nitroaniline		330	10	10	333	392	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	392	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	392	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	392	U	0.39
Hexachlorobenzene		330	10	10	333	392	U	0.39
Pentachlorophenol		550	10	10	333	392	U	0.39
Phenanthrene		330	10	10	333	392	U	0.39
Anthracene		330	10	10	333	392	U	0.39
Di-n-butylphthalate		1500	10	10	333	392	U	0.39
Fluoranthene		330	10	10	333	392	U	0.39
Pyrene		330	10	10	333	392	U	0.39
Butylbenzylphthalate		1500	10	10	333	392	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	392	U	0.39
Benzo (a) anthracene		330	10	10	333	392	U	0.39
Chrysene		330	10	10	333	392	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	10	333	392	U	0.39
Di-n-octylphthalate		1500	10	10	333	392	U	0.39
Benzo (b) fluoranthene		330	10	10	333	392	U	0.39
Benzo (k) fluoranthene		330	10	10	333	392	U	0.39
Benzo (a) pyrene		330	10	10	333	392	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	392	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	392	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	392	U	0.39

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		117	25-121
Phenol-d6			24-113
Nitrobenzene-d5			23-120
2-Fluorobiphenyl			30-115
2,4,6-Tribromophenol			19-122
Terphenyl-d14		99	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-13	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-21	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	86.8
Lab Data File Name:	SA04455	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3842	U	3.8
Phenol		550	10	10	333	3842	U	3.8
2-Chlorophenol		550	10	10	333	3842	U	3.8
1,3-Dichlorobenzene		330	10	10	333	3842	U	3.8
1,4-Dichlorobenzene		330	10	10	333	3842	U	3.8
1,2-Dichlorobenzene		330	10	10	333	3842	U	3.8
Benzyl Alcohol		330	10	10	333	3842	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10	333	3842	U	3.8
2-Methylphenol		550	10	10	333	3842	U	3.8
Hexachloroethane		330	10	10	333	3842	U	3.8
N-Nitroso-di-n-propylamine		330	10	10	333	3842	U	3.8
4-Methylphenol		550	10	10	333	3842	U	3.8
Nitrobenzene		330	10	10	333	3842	U	3.8
Isophorone		330	10	10	333	3842	U	3.8
2-Nitrophenol		550	10	10	333	3842	U	3.8
2,4-Dimethylphenol		550	10	10	333	3842	U	3.8
bis (2-Chloroethoxy) methane		330	10	10	333	3842	U	3.8
2,4-Dichlorophenol		550	10	10	333	3842	U	3.8
Benzoic Acid		330	10	10	333	3842	U	3.8
1,2,4-Trichlorobenzene		330	10	10	333	3842	U	3.8
Naphthalene		330	10	10	333	3842	U	3.8
4-Chloroaniline		330	10	10	333	3842	U	3.8
Hexachlorobutadiene		330	10	10	333	3842	U	3.8
4-Chloro-3-methylphenol		330	10	10	333	3842	U	3.8
2-Methylnaphthalene		330	10	10	333	3842	U	3.8
Hexachlorocyclopentadiene		330	10	10	333	3842	U	3.8
2,4,6-Trichlorophenol		550	10	10	333	3842	U	3.8
2,4,5-Trichlorophenol		550	10	10	333	3842	U	3.8
2-Chloronaphthalene		330	10	10	333	3842	U	3.8
2-Nitroaniline		330	10	10	333	3842	U	3.8
Acenaphthalene		330	10	10	333	3842	U	3.8
Dimethylphthalate		1500	10	10	333	3842	U	3.8
2,6-Dinitrotoluene		330	10	10	333	3842	U	3.8
3-Nitroaniline		330	10	10	333	3842	U	3.8
Acenaphthene		330	10	10	333	3842	U	3.8
2,4-Dinitrophenol		550	10	10	333	3842	U	3.8
Dibenzofuran		330	10	10	333	3842	U	3.8
2,4-Dinitrotoluene		330	10	10	333	3842	U	3.8
4-Nitrophenol		550	10	10	333	3842	U	3.8
Fluorene		550	10	10	333	3842	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10	333	3842	U	3.8
Diethylphthalate		1500	10	10	333	3842	U	3.8
4-Nitroaniline		330	10	10	333	3842	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10	333	3842	U	3.8
N-Nitrosodiphenylamine		330	10	10	333	3842	U	3.8
4-Bromophenyl-phenylether		330	10	10	333	3842	U	3.8
Hexachlorobenzene		330	10	10	333	3842	U	3.8
Pentachlorophenol		550	10	10	333	3842	U	3.8
Phenanthrene		330	10	10	333	3842	U	3.8
Anthracene		330	10	10	333	3842	U	3.8
Di-n-butylphthalate		1500	10	10	333	3842	U	3.8
Fluoranthene		330	10	10	333	3842	U	3.8
Pyrene		330	10	10	333	3842	U	3.8
Butylbenzylphthalate		1500	10	10	333	3842	U	3.8
3,3-Dichlorobenzidine		330	10	10	333	3842	U	3.8
Benzo (a) anthracene		330	10	10	333	3842	U	3.8
Chrysene		330	10	10	333	3842	U	3.8
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3842	U	3.8
Di-n-octylphthalate		1500	10	10	333	3842	U	3.8
Benzo (b) fluoranthene		330	10	10	333	3842	U	3.8
Benzo (k) fluoranthene		330	10	10	333	3842	U	3.8
Benzo (a) pyrene		330	10	10	333	3842	U	3.8
Indeno (1,2,3-cd) pyrene		330	10	10	333	3842	U	3.8
Dibenzo (a,h) anthracene		330	10	10	333	3842	U	3.8
Benzo (g,h,i) perylene		330	10	10	333	3842	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4	40	25-121
Phenol-d6		3	33	24-113
Nitrobenzene-d5		5	45	23-120
2-Fluorobiphenyl		4	42	30-115
2,4,6-Tribromophenol		3	35	19-122
Terphenyl-d14		27	272	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-14	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-22	Prep Method 2.	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	*QCS006*	*Percent Solids:*	90
Lab Data File Name:	SA04456	Laboratory Code	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	370	U	0.37
Phenol		550	10	10	333	370	U	0.37
2-Chlorophenol		550	10	10	333	370	U	0.37
1,3-Dichlorobenzene		330	10	10	333	370	U	0.37
1,4-Dichlorobenzene		330	**225**	**225**	**7510**	**8340**	**E**	**8.34**
1,2-Dichlorobenzene		330	**12**	**12**	**406**	**451**		**0.45**
Benzyl Alcohol		330	10	10	333	370	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	370	U	0.37
2-Methylphenol		550	10	10	333	370	U	0.37
Hexachloroethane		330	10	10	333	370	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	370	U	0.37
4-Methylphenol		550	10	10	333	370	U	0.37
Nitrobenzene		330	10	10	333	370	U	0.37
Isophorone		330	10	10	333	370	U	0.37
2-Nitrophenol		550	10	10	333	370	U	0.37
2,4-Dimethylphenol		550	10	10	333	370	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	370	U	0.37
2,4-Dichlorophenol		550	**13**	**13**	**446**	**496**		**0.50**
Benzoic Acid		330	10	10	333	370	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	370	U	0.37
Naphthalene		330	10	10	333	370	U	0.37
4-Chloroaniline		330	10	10	333	370	U	0.37
Hexachlorobutadiene		330	10	10	333	370	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	370	U	0.37
2-Methylnaphthalene		330	10	10	333	370	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	370	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	370	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	370	U	0.37
2-Chloronaphthalene		330	10	10	333	370	U	0.37
2-Nitroaniline		330	10	10	333	370	U	0.37
Acenaphthalene		330	10	10	333	370	U	0.37
Dimethylphthalate		1500	10	10	333	370	U	0.37
2,6-Dinitrotoluene		330	10	10	333	370	U	0.37
3-Nitroaniline		330	10	10	333	370	U	0.37
Acenaphthene		330	10	10	333	370	U	0.37
2,4-Dinitrophenol		550	10	10	333	370	U	0.37
Dibenzofuran		330	10	10	333	370	U	0.37
2,4-Dinitrotoluene		330	10	10	333	370	U	0.37
4-Nitrophenol		550	10	10	333	370	U	0.37
Fluorene		550	10	10	333	370	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	370	U	0.37
Diethylphthalate		1500	10	10	333	370	U	0.37
4-Nitroaniline		330	10	10	333	370	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	370	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	370	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	370	U	0.37
Hexachlorobenzene		330	10	10	333	370	U	0.37
Pentachlorophenol		550	10	10	333	370	U	0.37
Phenanthrene		330	10	10	333	370	U	0.37
Anthracene		330	10	10	333	370	U	0.37
Di-n-butylphthalate		1500	10	10	333	370	U	0.37
Fluoranthene		330	10	10	333	370	U	0.37
Pyrene		330	10	10	333	370	U	0.37
Butylbenzylphthalate		1500	10	10	333	370	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	370	U	0.37
Benzo (a) anthracene		330	10	10	333	370	U	0.37
Chrysene		330	10	10	333	370	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	370	U	0.37
Di-n-octylphthalate		1500	10	10	333	370	U	0.37
Benzo (b) fluoranthene		330	10	10	333	370	U	0.37
Benzo (k) fluoranthene		330	10	10	333	370	U	0.37
Benzo (a) pyrene		330	10	10	333	370	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	370	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	370	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	370	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		46	46	25-121
Phenol-d6		44	44	24-113
Nitrobenzene-d5		70	70	23-120
2-Fluorobiphenyl		73	73	30-115
2,4,6-Tribromophenol		67	67	19-122
Terphenyl-d14		153	153	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-14	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-22	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	90
Lab Data File Name:	SA04464	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	1851	U	1.9
Phenol		550	10	10	333	1851	U	1.9
2-Chlorophenol		550	10	10	333	1851	U	1.9
1,3-Dichlorobenzene		330	10	10	333	1851	U	1.9
1,4-Dichlorobenzene		330	33	33	1109	6156		6.2
1,2-Dichlorobenzene		330	10	10	333	1851	U	1.9
Benzyl Alcohol		330	10	10	333	1851	U	1.9
bis (2-Chloroisopropyl) ether		330	10	10	333	1851	U	1.9
2-Methylphenol		550	10	10	333	1851	U	1.9
Hexachloroethane		330	10	10	333	1851	U	1.9
N-Nitroso-di-n-propylamine		330	10	10	333	1851	U	1.9
4-Methylphenol		550	10	10	333	1851	U	1.9
Nitrobenzene		330	10	10	333	1851	U	1.9
Isophorone		330	10	10	333	1851	U	1.9
2-Nitrophenol		550	10	10	333	1851	U	1.9
2,4-Dimethylphenol		550	10	10	333	1851	U	1.9
bis (2-Chloroethoxy) methane		330	10	10	333	1851	U	1.9
2,4-Dichlorophenol		550	10	10	333	1851	U	1.9
Benzoic Acid		330	10	10	333	1851	U	1.9
1,2,4-Trichlorobenzene		330	10	10	333	1851	U	1.9
Naphthalene		330	10	10	333	1851	U	1.9
4-Chloroaniline		330	10	10	333	1851	U	1.9
Hexachlorobutadiene		330	10	10	333	1851	U	1.9
4-Chloro-3-methylphenol		330	10	10	333	1851	U	1.9
2-Methylnaphthalene		330	10	10	333	1851	U	1.9
Hexachlorocyclopentadiene		330	10	10	333	1851	U	1.9
2,4,6-Trichlorophenol		550	10	10	333	1851	U	1.9
2,4,5-Trichlorophenol		550	10	10	333	1851	U	1.9
2-Chloronaphthalene		330	10	10	333	1851	U	1.9
2-Nitroaniline		330	10	10	333	1851	U	1.9
Acenaphthalene		330	10	10	333	1851	U	1.9
Dimethylphthalate		1500	10	10	333	1851	U	1.9
2,6-Dinitrotoluene		330	10	10	333	1851	U	1.9
3-Nitroaniline		330	10	10	333	1851	U	1.9
Acenaphthene		330	10	10	333	1851	U	1.9
2,4-Dinitrophenol		550	10	10	333	1851	U	1.9
Dibenzofuran		330	10	10	333	1851	U	1.9
2,4-Dinitrotoluene		330	10	10	333	1851	U	1.9
4-Nitrophenol		550	10	10	333	1851	U	1.9
Fluorene		550	10	10	333	1851	U	1.9
4-Chlorophenyl-phenyl ether		330	10	10	333	1851	U	1.9
Diethylphthalate		1500	10	10	333	1851	U	1.9
4-Nitroaniline		330	10	10	333	1851	U	1.9
4,6-Dinitro-2-methylphenol		550	10	10	333	1851	U	1.9
N-Nitrosodiphenylamine		330	10	10	333	1851	U	1.9
4-Bromophenyl-phenylether		330	10	10	333	1851	U	1.9
Hexachlorobenzene		330	10	10	333	1851	U	1.9
Pentachlorophenol		550	10	10	333	1851	U	1.9
Phenanthrene		330	10	10	333	1851	U	1.9
Anthracene		330	10	10	333	1851	U	1.9
Di-n-butylphthalate		1500	10	10	333	1851	U	1.9
Fluoranthene		330	10	10	333	1851	U	1.9
Pyrene		330	10	10	333	1851	U	1.9
Butylbenzylphthalate		1500	10	10	333	1851	U	1.9
3,3-Dichlorobenzidine		330	10	10	333	1851	U	1.9
Benzo (a) anthracene		330	10	10	333	1851	U	1.9
Chrysene		330	10	10	333	1851	U	1.9
bis (2-Ethylhexyl) phthalate		1500	10	10	333	1851	U	1.9
Di-n-octylphthalate		1500	10	10	333	1851	U	1.9
Benzo (b) fluoranthene		330	10	10	333	1851	U	1.9
Benzo (k) fluoranthene		330	10	10	333	1851	U	1.9
Benzo (a) pyrene		330	10	10	333	1851	U	1.9
Indeno (1,2,3-cd) pyrene		330	10	10	333	1851	U	1.9
Dibenzo (a,h) anthracene		330	10	10	333	1851	U	1.9
Benzo (g,h,i) perylene		330	10	10	333	1851	U	1.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		7	33	25-121
Phenol-d6		6	30	24-113
Nitrobenzene-d5		8	41	23-120
2-Fluorobiphenyl		10	48	30-115
2,4,6-Tribromophenol		10	52	19-122
Terphenyl-d14		7	36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-15	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-32	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids	86
Lab Data File Name:	SA04465	Laboratory Code	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3898	U	3.9
Phenol		550	10	10	333	3898	U	3.9
2-Chlorophenol		550	10	10	333	3898	U	3.9
1,3-Dichlorobenzene		330	10	10	333	3898	U	3.9
1,4-Dichlorobenzene		330	10	10	333	3898	U	3.9
1,2-Dichlorobenzene		330	10	10	333	3898	U	3.9
Benzyl Alcohol		330	10	10	333	3898	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10	333	3898	U	3.9
2-Methylphenol		550	10	10	333	3898	U	3.9
Hexachloroethane		330	10	10	333	3898	U	3.9
N-Nitroso-di-n-propylamine		330	10	10	333	3898	U	3.9
4-Methylphenol		550	10	10	333	3898	U	3.9
Nitrobenzene		330	10	10	333	3898	U	3.9
Isophorone		330	10	10	333	3898	U	3.9
2-Nitrophenol		550	10	10	333	3898	U	3.9
2,4-Dimethylphenol		550	10	10	333	3898	U	3.9
bis (2-Chloroethoxy) methane		330	10	10	333	3898	U	3.9
2,4-Dichlorophenol		550	10	10	333	3898	U	3.9
Benzoic Acid		330	10	10	333	3898	U	3.9
1,2,4-Trichlorobenzene		330	10	10	333	3898	U	3.9
Naphthalene		330	10	10	333	3898	U	3.9
4-Chloroaniline		330	10	10	333	3898	U	3.9
Hexachlorobutadiene		330	10	10	333	3898	U	3.9
4-Chloro-3-methylphenol		330	10	10	333	3898	U	3.9
2-Methylnaphthalene		330	10	10	333	3898	U	3.9
Hexachlorocyclopentadiene		330	10	10	333	3898	U	3.9
2,4,6-Trichlorophenol		550	10	10	333	3898	U	3.9
2,4,5-Trichlorophenol		550	10	10	333	3898	U	3.9
2-Chloronaphthalene		330	10	10	333	3898	U	3.9
2-Nitroaniline		330	10	10	333	3898	U	3.9
Acenaphthalene		330	10	10	333	3898	U	3.9
Dimethylphthalate		1500	10	10	333	3898	U	3.9
2,6-Dinitrotoluene		330	10	10	333	3898	U	3.9
3-Nitroaniline		330	10	10	333	3898	U	3.9
Acenaphthene		330	10	10	333	3898	U	3.9
2,4-Dinitrophenol		550	10	10	333	3898	U	3.9
Dibenzofuran		330	10	10	333	3898	U	3.9
2,4-Dinitrotoluene		330	10	10	333	3898	U	3.9
4-Nitrophenol		550	10	10	333	3898	U	3.9
Fluorene		550	10	10	333	3898	U	3.9
4-Chlorophenyl-phenyl ether		330	10	10	333	3898	U	3.9
Diethylphthalate		1500	10	10	333	3898	U	3.9
4-Nitroaniline		330	10	10	333	3898	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10	333	3898	U	3.9
N-Nitrosodiphenylamine		330	10	10	333	3898	U	3.9
4-Bromophenyl-phenylether		330	10	10	333	3898	U	3.9
Hexachlorobenzene		330	10	10	333	3898	U	3.9
Pentachlorophenol		550	10	10	333	3898	U	3.9
Phenanthrene		330	10	10	333	3898	U	3.9
Anthracene		330	10	10	333	3898	U	3.9
Di-n-butylphthalate		1500	10	10	333	3898	U	3.9
Fluoranthene		330	10	10	333	3898	U	3.9
Pyrene		330	10	10	333	3898	U	3.9
Butylbenzylphthalate		1500	10	10	333	3898	U	3.9
3,3-Dichlorobenzidine		330	10	10	333	3898	U	3.9
Benzo (a) anthracene		330	10	10	333	3898	U	3.9
Chrysene		330	10	10	333	3898	U	3.9
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3898	U	3.9
Di-n-octylphthalate		1500	10	10	333	3898	U	3.9
Benzo (b) fluoranthene		330	10	10	333	3898	U	3.9
Benzo (k) fluoranthene		330	10	10	333	3898	U	3.9
Benzo (a) pyrene		330	10	10	333	3898	U	3.9
Indeno (1,2,3-cd) pyrene		330	10	10	333	3898	U	3.9
Dibenzo (a,h) anthracene		330	10	10	333	3898	U	3.9
Benzo (g,h,i) perylene		330	10	10	333	3898	U	3.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	24	25-121
Phenol-d6		3	30	24-113
Nitrobenzene-d5		3	26	23-120
2-Fluorobiphenyl		3	26	30-115
2,4,6-Tribromophenol		2	20	19-122
Terphenyl-d14		6	56	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-16	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-133	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	97
Lab Data File Name:	SA04466	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	343	U	0.34
Phenol		550	10	10	333	343	U	0.34
2-Chlorophenol		550	10	10	333	343	U	0.34
1,3-Dichlorobenzene		330	10	10	333	343	U	0.34
1,4-Dichlorobenzene		330	10	10	333	343	U	0.34
1,2-Dichlorobenzene		330	10	10	333	343	*U	0.34
Benzyl Alcohol		330	10	10	333	343	U	0.34
bis (2-Chloroisopropyl) ether		330	10	10	333	343	U	0.34
2-Methylphenol		550	10	10	333	343	U	0.34
Hexachloroethane		330	10	10	333	343	U	0.34
N-Nitroso-di-n-propylamine		330	10	10	333	343	U	0.34
4-Methylphenol		550	10	10	333	343	U	0.34
Nitrobenzene		330	10	10	333	343	U	0.34
Isophorone		330	10	10	333	343	U	0.34
2-Nitrophenol		550	10	10	333	343	U	0.34
2,4-Dimethylphenol		550	10	10	333	343	U	0.34
bis (2-Chloroethoxy) methane		330	10	10	333	343	U	0.34
2,4-Dichlorophenol		550	10	10	333	343	U	0.34
Benzoic Acid		330	10	10	333	343	U	0.34
1,2,4-Trichlorobenzene		330	10	10	333	343	U	0.34
Naphthalene		330	10	10	333	343	U	0.34
4-Chloroaniline		330	10	10	333	343	U	0.34
Hexachlorobutadiene		330	10	10	333	343	U	0.34
4-Chloro-3-methylphenol		330	10	10	333	343	U	0.34
2-Methylnaphthalene		330	10	10	333	343	U	0.34
Hexachlorocyclopentadiene		330	10	10	333	343	U	0.34
2,4,6-Trichlorophenol		550	10	10	333	343	U	0.34
2,4,5-Trichlorophenol		550	10	10	333	343	U	0.34
2-Chloronaphthalene		330	10	10	333	343	U	0.34
2-Nitroaniline		330	10	10	333	343	U	0.34
Acenaphthalene		330	10	10	333	343	U	0.34
Dimethylphthalate		1500	10	10	333	343	U	0.34
2,6-Dinitrotoluene		330	10	10	333	343	U	0.34
3-Nitroaniline		330	10	10	333	343	U	0.34
Acenaphthene		330	10	10	333	343	U	0.34
2,4-Dinitrophenol		550	10	10	333	343	U	0.34
Dibenzofuran		330	10	10	333	343	U	0.34
2,4-Dinitrotoluene		330	10	10	333	343	U	0.34
4-Nitrophenol		550	10	10	333	343	U	0.34
Fluorene		550	10	10	333	343	U	0.34
4-Chlorophenyl-phenyl ether		330	10	10	333	343	U	0.34
Diethylphthalate		1500	10	10	333	343	U	0.34
4-Nitroaniline		330	10	10	333	343	U	0.34
4,6-Dinitro-2-methylphenol		550	10	10	333	343	U	0.34
N-Nitrosodiphenylamine		330	10	10	333	343	U	0.34
4-Bromophenyl-phenylether		330	10	10	333	343	U	0.34
Hexachlorobenzene		330	10	10	333	343	U	0.34
Pentachlorophenol		550	10	10	333	343	U	0.34
Phenanthrene		330	10	10	333	343	U	0.34
Anthracene		330	10	10	333	343	U	0.34
Di-n-butylphthalate		1500	10	10	333	343	U	0.34
Fluoranthene		330	10	10	333	343	U	0.34
Pyrene		330	10	10	333	343	U	0.34
Butylbenzylphthalate		1500	10	10	333	343	U	0.34
3,3-Dichlorobenzidine		330	10	10	333	343	U	0.34
Benzo (a) anthracene		330	10	10	333	343	U	0.34
Chrysene		330	10	10	333	343	U	0.34
bis (2-Ethylhexyl) phthalate		1500	10	10	333	343	U	0.34
Di-n-octylphthalate		1500	10	10	333	343	U	0.34
Benzo (b) fluoranthene		330	10	10	333	343	U	0.34
Benzo (k) fluoranthene		330	10	10	333	343	U	0.34
Benzo (a) pyrene		330	10	10	333	343	U	0.34
Indeno (1,2,3-cd) pyrene		330	10	10	333	343	U	0.34
Dibenzo (a,h) anthracene		330	10	10	333	343	U	0.34
Benzo (g,h,I) perylene		330	10	10	333	343	U	0.34

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		55	55	25-121
Phenol-d6		44	44	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		61	61	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		47	47	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-17	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-144	Prep Method 2:	
Date Sample Collected	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	*SW8270C*	*Spike Amount:*	
Prep Batch Number:	QCS006	Percent Solids:	93
Lab Data File Name:	SA04467	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	358	U	0.36
Phenol		550	10	10	333	358	U	0.36
2-Chlorophenol		550	10	10	333	358	U	0.36
1,3-Dichlorobenzene		330	10	10	333	358	U	0.36
1,4-Dichlorobenzene		330	10	10	333	358	U	0.36
1,2-Dichlorobenzene		330	10	10	333	358	U	0.36
Benzyl Alcohol		330	10	10	333	358	U	0.36
bis (2-Chloroisopropyl) ether		330	10	10	333	358	U	0.36
2-Methylphenol		550	10	10	333	358	U	0.36
Hexachloroethane		330	10	10	333	358	U	0.36
N-Nitroso-di-n-propylamine		330	10	10	333	358	U	0.36
4-Methylphenol		550	10	10	333	358	U	0.36
Nitrobenzene		330	10	10	333	358	U	0.36
Isophorone		330	10	10	333	358	U	0.36
2-Nitrophenol		550	10	10	333	358	U	0.36
2,4-Dimethylphenol		550	10	10	333	358	U	0.36
bis (2-Chloroethoxy) methane		330	10	10	333	358	U	0.36
2,4-Dichlorophenol		550	10	10	333	358	U	0.36
Benzoic Acid		330	10	10	333	358	U	0.36
1,2,4-Trichlorobenzene		330	10	10	333	358	U	0.36
Naphthalene		330	10	10	333	358	U	0.36
4-Chloroaniline		330	10	10	333	358	U	0.36
Hexachlorobutadiene		330	10	10	333	358	U	0.36
4-Chloro-3-methylphenol		330	10	10	333	358	U	0.36
2-Methylnaphthalene		330	10	10	333	358	U	0.36
Hexachlorocyclopentadiene		330	10	10	333	358	U	0.36
2,4,6-Trichlorophenol		550	10	10	333	358	U	0.36
2,4,5-Trichlorophenol		550	10	10	333	358	U	0.36
2-Chloronaphthalene		330	10	10	333	358	U	0.36
2-Nitroaniline		330	10	10	333	358	U	0.36
Acenaphthalene		330	10	10	333	358	U	0.36
Dimethylphthalate		1500	10	10	333	358	U	0.36
2,6-Dinitrotoluene		330	10	10	333	358	U	0.36
3-Nitroaniline		330	10	10	333	358	U	0.36
Acenaphthene		330	10	10	333	358	U	0.36
2,4-Dinitrophenol		550	10	10	333	358	U	0.36
Dibenzofuran		330	10	10	333	358	U	0.36
2,4-Dinitrotoluene		330	10	10	333	358	U	0.36
4-Nitrophenol		550	10	10	333	358	U	0.36
Fluorene		550	10	10	333	358	U	0.36
4-Chlorophenyl-phenyl ether		330	10	10	333	358	U	0.36
Diethylphthalate		1500	10	10	333	358	U	0.36
4-Nitroaniline		330	10	10	333	358	U	0.36
4,6-Dinitro-2-methylphenol		550	10	10	333	358	U	0.36
N-Nitrosodiphenylamine		330	10	10	333	358	U	0.36
4-Bromophenyl-phenylether		330	10	10	333	358	U	0.36
Hexachlorobenzene		330	10	10	333	358	U	0.36
Pentachlorophenol		550	10	10	333	358	U	0.36
Phenanthrene		330	10	10	333	358	U	0.36
Anthracene		330	10	10	333	358	U	0.36
Di-n-butylphthalate		1500	10	10	333	358	U	0.36
Fluoranthene		330	11	11	350	377		0.38
Pyrene		330	11	11	355	382		0.38
Butylbenzylphthalate		1500	10	10	333	358	U	0.36
3,3-Dichlorobenzidine		330	10	10	333	358	U	0.36
Benzo (a) anthracene		330	10	10	333	358	U	0.36
Chrysene		330	6	6	214	230	J	0.23
bis (2-Ethylhexyl) phthalate		1500	10	10	333	358	U	0.36
Di-n-octylphthalate		1500	10	10	333	358	U	0.36
Benzo (b) fluoranthene		330	10	10	333	358	U	0.36
Benzo (k) fluoranthene		330	10	10	333	358	U	0.36
Benzo (a) pyrene		330	10	10	333	358	U	0.36
Indeno (1,2,3-cd) pyrene		330	10	10	333	358	U	0.36
Dibenzo (a,h) anthracene		330	10	10	333	358	U	0.36
Benzo (g,h,i) perylene		330	10	10	333	358	U	0.36

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		63	63	25-121
Phenol-d6		55	55	24-113
Nitrobenzene-d5		*69*	*69*	*23-120*
2-Fluorobiphenyl		83	83	30-115
2,4,6-Tribromophenol		89	89	19-122
Terphenyl-d14		118	118	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-18	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-145	Prep Method 2	
Date Sample Collected	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS006	Percent Solids:	88
Lab Data File Name:	SA047468	Laboratory Code	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	377	U	0.38
Phenol		550	10	10	333	377	U	0.38
2-Chlorophenol		550	10	10	333	377	U	0.38
1,3-Dichlorobenzene		330	10	10	333	377	U	0.38
1,4-Dichlorobenzene		330	10	10	333	377	U	0.38
1,2-Dichlorobenzene		330	10	10	333	377	U	0.38
Benzyl Alcohol		330	10	10	333	377	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	377	U	0.38
2-Methylphenol		550	10	10	333	377	U	0.38
Hexachloroethane		330	10	10	333	377	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	377	U	0.38
4-Methylphenol		550	10	10	333	377	U	0.38
Nitrobenzene		330	10	10	333	377	U	0.38
Isophorone		330	10	10	333	377	U	0.38
2-Nitrophenol		550	10	10	333	377	U	0.38
2,4-Dimethylphenol		550	10	10	333	377	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	377	U	0.38
2,4-Dichlorophenol		550	10	10	333	377		0.38
Benzoic Acid		330	10	10	333	377	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	377	U	0.38
Naphthalene		330	10	10	333	377	U	0.38
4-Chloroaniline		330	10	10	333	377	U	0.38
Hexachlorobutadiene		330	10	10	333	377	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	377	U	0.38
2-Methylnaphthalene		330	10	10	333	377	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	377	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	377	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	377	U	0.38
2-Chloronaphthalene		330	10	10	333	377	U	0.38
2-Nitroaniline		330	10	10	333	377	U	0.38
Acenaphthalene		330	10	10	333	377	U	0.38
Dimethylphthalate		1500	10	10	333	377	U	0.38
2,6-Dinitrotoluene		330	10	10	333	377	U	0.38
3-Nitroaniline		330	10	10	333	377	U	0.38
Acenaphthene		330	10	10	333	377	U	0.38
2,4-Dinitrophenol		550	10	10	333	377	U	0.38
Dibenzofuran		330	10	10	333	377	U	0.38
2,4-Dinitrotoluene		330	10	10	333	377	U	0.38
4-Nitrophenol		550	10	10	333	377	U	0.38
Fluorene		550	10	10	333	377	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	377	U	0.38
Diethylphthalate		1500	10	10	333	377	U	0.38
4-Nitroaniline		330	10	10	333	377	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	377	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	377	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	377	U	0.38
Hexachlorobenzene		330	10	10	333	377	U	0.38
Pentachlorophenol		550	10	10	333	377	U	0.38
Phenanthrene		330	10	10	333	377	U	0.38
Anthracene		330	10	10	333	377	U	0.38
Di-n-butylphthalate		1500	10	10	333	377	U	0.38
Fluoranthene		330	10	10	333	377	U	0.38
Pyrene		330	10	10	333	377	U	0.38
Butylbenzylphthalate		1500	10	10	333	377	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	377	U	0.38
Benzo (a) anthracene		330	10	10	333	377	U	0.38
Chrysene		330	10	10	333	377	U	0.38
bis (2-Ethylhexyl) phthalate		1500	9	9	305	345	J	0.35
Di-n-octylphthalate		1500	10	10	333	377	U	0.38
Benzo (b) fluoranthene		330	10	10	333	377	U	0.38
Benzo (k) fluoranthene		330	10	10	333	377	U	0.38
Benzo (a) pyrene		330	10	10	333	377	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	377	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	377	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	377	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		51	51	25-121
Phenol-d6		47	47	24-113
Nitrobenzene-d5		55	55	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		87	87	19-122
Terphenyl-d14		98	98	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-19	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-150	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date	11/18/01
Date Sample Received:	11/14/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	84
Lab Data File Name:	SA04470	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	395	U	0.39
Phenol		550	10	10	333	395	U	0.39
2-Chlorophenol		550	10	10	333	395	U	0.39
1,3-Dichlorobenzene		330	10	10	333	395	U	0.39
1,4-Dichlorobenzene		330	10	10	333	395	U	0.39
1,2-Dichlorobenzene		330	10	10	333	395	U	0.39
Benzyl Alcohol		330	10	10	333	395	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	395	U	0.39
2-Methylphenol		550	10	10	333	395	U	0.39
Hexachloroethane		330	10	10	333	395	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	395	U	0.39
4-Methylphenol		550	10	10	333	395	U	0.39
Nitrobenzene		330	10	10	333	395	U	0.39
Isophorone		330	10	10	333	395	U	0.39
2-Nitrophenol		550	10	10	333	395	U	0.39
2,4-Dimethylphenol		550	10	10	333	395	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	395	U	0.39
2,4-Dichlorophenol		550	10	10	333	395	U	0.39
Benzoic Acid		330	10	10	333	395	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	395	U	0.39
Naphthalene		330	10	10	333	395	U	0.39
4-Chloroaniline		330	10	10	333	395	U	0.39
Hexachlorobutadiene		330	10	10	333	395	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	395	U	0.39
2-Methylnaphthalene		330	10	10	333	395	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	395	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	395	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	395	U	0.39
2-Chloronaphthalene		330	10	10	333	395	U	0.39
2-Nitroaniline		330	10	10	333	395	U	0.39
Acenaphthalene		330	10	10	333	395	U	0.39
Dimethylphthalate		1500	10	10	333	395	U	0.39
2,6-Dinitrotoluene		330	10	10	333	395	U	0.39
3-Nitroaniline		330	10	10	333	395	U	0.39
Acenaphthene		330	10	10	333	395	U	0.39
2,4-Dinitrophenol		550	10	10	333	395	U	0.39
Dibenzofuran		330	10	10	333	395	U	0.39
2,4-Dinitrotoluene		330	10	10	333	395	U	0.39
4-Nitrophenol		550	10	10	333	395	U	0.39
Fluorene		550	10	10	333	395	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	395	U	0.39
Diethylphthalate		1500	10	10	333	395	U	0.39
4-Nitroaniline		330	10	10	333	395	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	395	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	395	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	395	U	0.39
Hexachlorobenzene		330	10	10	333	395	U	0.39
Pentachlorophenol		550	10	10	333	395	U	0.39
Phenanthrene		330	10	10	333	395	U	0.39
Anthracene		330	10	10	333	395	U	0.39
Di-n-butylphthalate		1500	10	10	333	395	U	0.39
Fluoranthene		330	10	10	333	395	U	0.39
Pyrene		330	10	10	333	395	U	0.39
Butylbenzylphthalate		1500	10	10	333	395	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	395	U	0.39
Benzo (a) anthracene		330	10	10	333	395	U	0.39
Chrysene		330	10	10	333	395	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	10	333	395	U	0.39
Di-n-octylphthalate		1500	10	10	333	395	U	0.39
Benzo (b) fluoranthene		330	10	10	333	395	U	0.39
Benzo (k) fluoranthene		330	10	10	333	395	U	0.39
Benzo (a) pyrene		330	10	10	333	395	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	395	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	395	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	395	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		16	16	25-121
Phenol-d6		23	23	24-113
Nitrobenzene-d5		22	22	23-120
2-Fluorobiphenyl		43	43	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		65	65	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-20	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-151	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS006	Percent Solids.	88
Lab Data File Name:	SA04475	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	380	U	0.38
Phenol		550	10	10	333	380	U	0.38
2-Chlorophenol		550	10	10	333	380	U	0.38
1,3-Dichlorobenzene		330	10	10	333	380	U	0.38
1,4-Dichlorobenzene		330	10	10	333	380	U	0.38
1,2-Dichlorobenzene		330	10	10	333	380	U	0.38
Benzyl Alcohol		330	10	10	333	380	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	380	U	0.38
2-Methylphenol		550	10	10	333	380	U	0.38
Hexachloroethane		330	10	10	333	380	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	380	U	0.38
4-Methylphenol		550	10	10	333	380	U	0.38
Nitrobenzene		330	10	10	333	380	U	0.38
Isophorone		330	10	10	333	380	U	0.38
2-Nitrophenol		550	10	10	333	380	U	0.38
2,4-Dimethylphenol		550	10	10	333	380	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	380	U	0.38
2,4-Dichlorophenol		550	10	10	333	380	U	0.38
Benzoic Acid		330	10	10	333	380	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	380	U	0.38
Naphthalene		330	10	10	333	380	U	0.38
4-Chloroaniline		330	10	10	333	380	U	0.38
Hexachlorobutadiene		330	10	10	333	380	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	380	U	0.38
2-Methylnaphthalene		330	10	10	333	380	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	380	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	380	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	380	U	0.38
2-Chloronaphthalene		330	10	10	333	380	U	0.38
2-Nitroaniline		330	10	10	333	380	U	0.38
Acenaphthalene		330	10	10	333	380	U	0.38
Dimethylphthalate		1500	10	10	333	380	U	0.38
2,6-Dinitrotoluene		330	10	10	333	380	U	0.38
3-Nitroaniline		330	10	10	333	380	U	0.38
Acenaphthene		330	10	10	333	380	U	0.38
2,4-Dinitrophenol		550	10	10	333	380	U	0.38
Dibenzofuran		330	10	10	333	380	U	0.38
2,4-Dinitrotoluene		330	10	10	333	380	U	0.38
4-Nitrophenol		550	10	10	333	380	U	0.38
Fluorene		550	10	10	333	380	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	380	U	0.38
Diethylphthalate		1500	10	10	333	380	U	0.38
4-Nitroaniline		330	10	10	333	380	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	380	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	380	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	380	U	0.38
Hexachlorobenzene		330	10	10	333	380	U	0.38
Pentachlorophenol		550	10	10	333	380	U	0.38
Phenanthrene		330	10	10	333	380	U	0.38
Anthracene		330	10	10	333	380	U	0.38
Di-n-butylphthalate		1500	10	10	333	380	U	0.38
Fluoranthene		330	10	10	333	380	U	0.38
Pyrene		330	5	5	173	197	J	0.20
Butylbenzylphthalate		1500	10	10	333	380	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	380	U	0.38
Benzo (a) anthracene		330	10	10	333	380	U	0.38
Chrysene		330	10	10	333	380	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	380	U	0.38
Di-n-octylphthalate		1500	10	10	333	380	U	0.38
Benzo (b) fluoranthene		330	10	10	333	380	U	0.38
Benzo (k) fluoranthene		330	10	10	333	380	U	0.38
Benzo (a) pyrene		330	10	10	333	380	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	380	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	380	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	380	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		42	42	25-121
Phenol-d6		39	39	24-113
Nitrobenzene-d5		51	51	23-120
2-Fluorobiphenyl		68	68	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		80	80	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-21	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-156	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS006	Percent Solids:	82
Lab Data File Name:	SA04512	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4046	U	4.0
Phenol		550	10	10	333	4046	U	4.0
2-Chlorophenol		550	10	10	333	4046	U	4.0
1,3-Dichlorobenzene		330	10	10	333	4046	U	4.0
1,4-Dichlorobenzene		330	10	10	333	4046	U	4.0
1,2-Dichlorobenzene		330	10	10	333	4046	U	4.0
Benzyl Alcohol		330	10	10	333	4046	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	4046	U	4.0
2-Methylphenol		550	10	10	333	4046	U	4.0
Hexachloroethane		330	10	10	333	4046	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	4046	U	4.0
4-Methylphenol		550	10	10	333	4046	U	4.0
Nitrobenzene		330	10	10	333	4046	U	4.0
Isophorone		330	10	10	333	4046	U	4.0
2-Nitrophenol		550	10	10	333	4046	U	4.0
2,4-Dimethylphenol		550	10	10	333	4046	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	4046	U	4.0
2,4-Dichlorophenol		550	10	10	333	4046	U	4.0
Benzoic Acid		330	10	10	333	4046	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	4046	U	4.0
Naphthalene		330	10	10	333	4046	U	4.0
4-Chloroaniline		330	10	10	333	4046	U	4.0
Hexachlorobutadiene		330	10	10	333	4046	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	4046	U	4.0
2-Methylnaphthalene		330	10	10	333	4046	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	4046	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	4046	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	4046	U	4.0
2-Chloronaphthalene		330	10	10	333	4046	U	4.0
2-Nitroaniline		330	10	10	333	4046	U	4.0
Acenaphthalene		330	10	10	333	4046	U	4.0
Dimethylphthalate		1500	10	10	333	4046	U	4.0
2,6-Dinitrotoluene		330	10	10	333	4046	U	4.0
3-Nitroaniline		330	10	10	333	4046	U	4.0
Acenaphthene		330	10	10	333	4046	U	4.0
2,4-Dinitrophenol		550	10	10	333	4046	U	4.0
Dibenzofuran		330	10	10	333	4046	U	4.0
2,4-Dinitrotoluene		330	10	10	333	4046	U	4.0
4-Nitrophenol		550	10	10	333	4046	U	4.0
Fluorene		550	10	10	333	4046	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	4046	U	4.0
Diethylphthalate		1500	10	10	333	4046	U	4.0
4-Nitroaniline		330	10	10	333	4046	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	4046	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	4046	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	4046	U	4.0
Hexachlorobenzene		330	10	10	333	4046	U	4.0
Pentachlorophenol		550	10	10	333	4046	U	4.0
Phenanthrene		330	15	15	502	6089		6.1
Anthracene		330	10	10	333	4046	U	4.0
Di-n-butylphthalate		1500	10	10	333	4046	U	4.0
Fluoranthene		330	26	26	853	10353		10
Pyrene		330	18	18	609	7388		7.4
Butylbenzylphthalate		1500	10	10	333	4046	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	4046	U	4.0
Benzo (a) anthracene		330	9	9	297	3609	J	3.6
Chrysene		330	11	11	376	4564		4.6
bis (2-Ethylhexyl) phthalate		1500	10	10	333	4046	U	4.0
Di-n-octylphthalate		1500	10	10	333	4046	U	4.0
Benzo (b) fluoranthene		330	19	19	630	7651		7.7
Benzo (k) fluoranthene		330	8	8	269	3261	J	3.3
Benzo (a) pyrene		330	10	10	333	4046	U	4.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	4046	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	4046	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	4046	U	4.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4	40	25-121
Phenol-d6		3	29	24-113
Nitrobenzene-d5		5	45	23-120
2-Fluorobiphenyl		5	50	30-115
2,4,6-Tribromophenol		5	48	19-122
Terphenyl-d14		5	51	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-22	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-157	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	93
Lab Data File Name:	SA04477	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	358	U	0.36
Phenol		550	10	10	333	358	U	0.36
2-Chlorophenol		550	10	10	333	358	U	0.36
1,3-Dichlorobenzene		330	10	10	333	358	U	0.36
1,4-Dichlorobenzene		330	10	10	333	358	U	0.36
1,2-Dichlorobenzene		330	10	10	333	358	U	0.36
Benzyl Alcohol		330	10	10	333	358	U	0.36
bis (2-Chloroisopropyl) ether		330	10	10	333	358	U	0.36
2-Methylphenol		550	10	10	333	358	U	0.36
Hexachloroethane		330	10	10	333	358	U	0.36
N-Nitroso-di-n-propylamine		330	10	10	333	358	U	0.36
4-Methylphenol		550	10	10	333	358	U	0.36
Nitrobenzene		330	10	10	333	358	U	0.36
Isophorone		330	10	10	333	358	U	0.36
2-Nitrophenol		550	10	10	333	358	U	0.36
2,4-Dimethylphenol		550	10	10	333	358	U	0.36
bis (2-Chloroethoxy) methane		330	10	10	333	358	U	0.36
2,4-Dichlorophenol		550	10	10	333	358	U	0.36
Benzoic Acid		330	10	10	333	358	U	0.36
1,2,4-Trichlorobenzene		330	10	10	333	358	U	0.36
Naphthalene		330	10	10	333	358	U	0.36
4-Chloroaniline		330	10	10	333	358	U	0.36
Hexachlorobutadiene		330	10	10	333	358	U	0.36
4-Chloro-3-methylphenol		330	10	10	333	358	U	0.36
2-Methylnaphthalene		330	10	10	333	358	U	0.36
Hexachlorocyclopentadiene		330	10	10	333	358	U	0.36
2,4,6-Trichlorophenol		550	10	10	333	358	U	0.36
2,4,5-Trichlorophenol		550	10	10	333	358	U	0.36
2-Chloronaphthalene		330	10	10	333	358	U	0.36
2-Nitroaniline		330	10	10	333	358	U	0.36
Acenaphthalene		330	10	10	333	358	U	0.36
Dimethylphthalate		1500	10	10	333	358	U	0.36
2,6-Dinitrotoluene		330	10	10	333	358	U	0.36
3-Nitroaniline		330	10	10	333	358	U	0.36
Acenaphthene		330	10	10	333	358	U	0.36
2,4-Dinitrophenol		550	10	10	333	358	U	0.36
Dibenzofuran		330	10	10	333	358	U	0.36
2,4-Dinitrotoluene		330	10	10	333	358	U	0.36
4-Nitrophenol		550	10	10	333	358	U	0.36
Fluorene		550	10	10	333	358	U	0.36
4-Chlorophenyl-phenyl ether		330	10	10	333	358	U	0.36
Diethylphthalate		1500	10	10	333	358	U	0.36
4-Nitroaniline		330	10	10	333	358	U	0.36
4,6-Dinitro-2-methylphenol		550	10	10	333	358	U	0.36
N-Nitrosodiphenylamine		330	10	10	333	358	U	0.36
4-Bromophenyl-phenylether		330	10	10	333	358	U	0.36
Hexachlorobenzene		330	10	10	333	358	U	0.36
Pentachlorophenol		550	10	10	333	358	U	0.36
Phenanthrene		330	10	10	333	358	U	0.36
Anthracene		330	10	10	333	358	U	0.36
Di-n-butylphthalate		1500	10	10	333	358	U	0.36
Fluoranthene		330	10	10	333	358	U	0.36
Pyrene		330	10	10	333	358	U	0.36
Butylbenzylphthalate		1500	10	10	333	358	U	0.36
3,3-Dichlorobenzidine		330	10	10	333	358	U	0.36
Benzo (a) anthracene		330	10	10	333	358	U	0.36
Chrysene		330	10	10	333	358	U	0.36
bis (2-Ethylhexyl) phthalate		1500	10	10	333	358	U	0.36
Di-n-octylphthalate		1500	10	10	333	358	U	0.36
Benzo (b) fluoranthene		330	10	10	333	358	U	0.36
Benzo (k) fluoranthene		330	10	10	333	358	U	0.36
Benzo (a) pyrene		330	10	10	333	358	U	0.36
Indeno (1,2,3-cd) pyrene		330	10	10	333	358	U	0.36
Dibenzo (a,h) anthracene		330	10	10	333	358	U	0.36
Benzo (g,h,i) perylene		330	10	10	333	358	U	0.36

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		57	57	25-121
Phenol-d6		54	54	24-113
Nitrobenzene-d5		59	59	23-120
2-Fluorobiphenyl		72	72	30-115
2,4,6-Tribromophenol		88	88	19-122
Terphenyl-d14		73	73	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111401	Lab Prep Date:	11/15/01
Lab Sample ID:	URS111401-23	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-158	Prep Method 2:	
Date Sample Collected:	11/14/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/14/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS006	Percent Solids:	91
Lab Data File Name:	SA4478	Laboratory Code:	

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	368	U	0.37
Phenol		550	10	10	333	368	U	0.37
2-Chlorophenol		550	10	10	333	368	U	0.37
1,3-Dichlorobenzene		330	10	10	333	368	U	0.37
1,4-Dichlorobenzene		330	10	10	333	368	U	0.37
1,2-Dichlorobenzene		330	10	10	333	368	U	0.37
Benzyl Alcohol		330	10	10	333	368	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	368	U	0.37
2-Methylphenol		550	10	10	333	368	U	0.37
Hexachloroethane		330	10	10	333	368	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	368	U	0.37
4-Methylphenol		550	10	10	333	368	U	0.37
Nitrobenzene		330	10	10	333	368	U	0.37
Isophorone		330	10	10	333	368	U	0.37
2-Nitrophenol		550	10	10	333	368	U	0.37
2,4-Dimethylphenol		550	10	10	333	368	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	368	U	0.37
2,4-Dichlorophenol		550	10	10	333	368	U	0.37
Benzoic Acid		330	10	10	333	368	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	368	U	0.37
Naphthalene		330	10	10	333	368	U	0.37
4-Chloroaniline		330	10	10	333	368	U	0.37
Hexachlorobutadiene		330	10	10	333	368	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	368	U	0.37
2-Methylnaphthalene		330	10	10	333	368	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	368	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	368	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	368	U	0.37
2-Chloronaphthalene		330	10	10	333	368	U	0.37
2-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthalene		330	10	10	333	368	U	0.37
Dimethylphthalate		1500	10	10	333	368	U	0.37
2,6-Dinitrotoluene		330	10	10	333	368	U	0.37
3-Nitroaniline		330	10	10	333	368	U	0.37
Acenaphthene		330	10	10	333	368	U	0.37
2,4-Dinitrophenol		550	10	10	333	368	U	0.37
Dibenzofuran		330	10	10	333	368	U	0.37
2,4-Dinitrotoluene		330	10	10	333	368	U	0.37
4-Nitrophenol		550	10	10	333	368	U	0.37
Fluorene		550	10	10	333	368	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	368	U	0.37
Diethylphthalate		1500	10	10	333	368	U	0.37
4-Nitroaniline		330	10	10	333	368	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	368	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	368	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	368	U	0.37
Hexachlorobenzene		330	10	10	333	368	U	0.37
Pentachlorophenol		550	10	10	333	368	U	0.37
Phenanthrene		330	10	10	333	368	U	0.37
Anthracene		330	10	10	333	368	U	0.37
Di-n-butylphthalate		1500	10	10	333	368	U	0.37
Fluoranthene		330	10	10	333	368	U	0.37
Pyrene		330	10	10	333	368	U	0.37
Butylbenzylphthalate		1500	10	10	333	368	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	368	U	0.37
Benzo (a) anthracene		330	10	10	333	368	U	0.37
Chrysene		330	10	10	333	368	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	368	U	0.37
Di-n-octylphthalate		1500	10	10	333	368	U	0.37
Benzo (b) fluoranthene		330	10	10	333	368	U	0.37
Benzo (k) fluoranthene		330	10	10	333	368	U	0.37
Benzo (a) pyrene		330	10	10	333	368	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	368	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	368	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	368	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		50	50	25-121
Phenol-d6		46	46	24-113
Nitrobenzene-d5		48	48	23-120
2-Fluorobiphenyl		59	59	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		58	58	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-01	Prep Method 1	SW3550
Field Sample ID:	GCMS-Q-197	Prep Method 2	
Date Sample Collected:	11/13/01	Lab Analysis Date.	11/16/01
Date Sample Received:	11/13/01	Result Type.	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	80
Data File Name	SA04229	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	414	U	0.41
Phenol		550	10	10	333	414	U	0.41
2-Chlorophenol		550	10	10	333	414	U	0.41
1,3-Dichlorobenzene		330	10	10	333	414	U	0.41
1,4-Dichlorobenzene		330	10	10	333	414	U	0.41
1,2-Dichlorobenzene		330	10	10	333	414	U	0.41
Benzyl Alcohol		330	10	10	333	414	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	414	U	0.41
2-Methylphenol		550	10	10	333	414	U	0.41
Hexachloroethane		330	10	10	333	414	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	414	U	0.41
4-Methylphenol		550	10	10	333	414	U	0.41
Nitrobenzene		330	10	10	333	414	U	0.41
Isophorone		330	10	10	333	414	U	0.41
2-Nitrophenol		550	10	10	333	414	U	0.41
2,4-Dimethylphenol		550	10	10	333	414	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	414	U	0.41
2,4-Dichlorophenol		550	10	10	333	414	U	0.41
Benzoic Acid		330	10	10	333	414	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	414	U	0.41
Naphthalene		330	10	10	333	414	U	0.41
4-Chloroaniline		330	10	10	333	414	U	0.41
Hexachlorobutadiene		330	10	10	333	414	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	414	U	0.41
2-Methylnaphthalene		330	10	10	333	414	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	414	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	414	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	414	U	0.41
2-Chloronaphthalene		330	10	10	333	414	U	0.41
2-Nitroaniline		330	10	10	333	414	U	0.41
Acenaphthalene		330	10	10	333	414	U	0.41
Dimethylphthalate		1500	10	10	333	414	U	0.41
2,6-Dinitrotoluene		330	10	10	333	414	U	0.41
3-Nitroaniline		330	10	10	333	414	U	0.41
Acenaphthene		330	10	10	333	414	U	0.41
2,4-Dinitrophenol		550	10	10	333	414	U	0.41
Dibenzofuran		330	10	10	333	414	U	0.41
2,4-Dinitrotoluene		330	10	10	333	414	U	0.41
4-Nitrophenol		550	10	10	333	414	U	0.41
Fluorene		550	10	10	333	414	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	414	U	0.41
Diethylphthalate		1500	10	10	333	414	U	0.41
4-Nitroaniline		330	10	10	333	414	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	414	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	414	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	414	U	0.41
Hexachlorobenzene		330	10	10	333	414	U	0.41
Pentachlorophenol		550	10	10	333	414	U	0.41
Phenanthrene		330	10	10	333	414	U	0.41
Anthracene		330	10	10	333	414	U	0.41
Di-n-butylphthalate		1500	10	10	333	414	U	0.41
Fluoranthene		330	10	10	333	414	U	0.41
Pyrene		330	10	10	333	414	U	0.41
Butylbenzylphthalate		1500	10	10	333	414	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	414	U	0.41
Benzo (a) anthracene		330	10	10	333	414	U	0.41
Chrysene		330	10	10	333	414	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	414	U	0.41
Di-n-octylphthalate		1500	10	10	333	414	U	0.41
Benzo (b) fluoranthene		330	10	10	333	414	U	0.41
Benzo (k) fluoranthene		330	10	10	333	414	U	0.41
Benzo (a) pyrene		330	10	10	333	414	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	414	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	414	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	414	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		63	63	25-121
Phenol-d6		64	64	24-113
Nitrobenzene-d5		71	71	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		85	85	19-122
Terphenyl-d14		57	57	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Results= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date	11/13/01
Lab Sample ID:	URS111301-02	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-207	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	81
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	413	U	0.41
Phenol		550	10	10	333	413	U	0.41
2-Chlorophenol		550	10	10	333	413	U	0.41
1,3-Dichlorobenzene		330	10	10	333	413	U	0.41
1,4-Dichlorobenzene		330	10	10	333	413	U	0.41
1,2-Dichlorobenzene		330	10	10	333	413	U	0.41
Benzyl Alcohol		330	10	10	333	413	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	413	U	0.41
2-Methylphenol		550	10	10	333	413	U	0.41
Hexachloroethane		330	10	10	333	413	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	413	U	0.41
4-Methylphenol		550	10	10	333	413	U	0.41
Nitrobenzene		330	10	10	333	413	U	0.41
Isophorone		330	10	10	333	413	U	0.41
2-Nitrophenol		550	10	10	333	413	U	0.41
2,4-Dimethylphenol		550	10	10	333	413	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	413	U	0.41
2,4-Dichlorophenol		550	10	10	333	413	U	0.41
Benzoic Acid		330	10	10	333	413	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	413	U	0.41
Naphthalene		330	10	10	333	413	U	0.41
4-Chloroaniline		330	10	10	333	413	U	0.41
Hexachlorobutadiene		330	10	10	333	413	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	413	U	0.41
2-Methylnaphthalene		330	10	10	333	413	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	413	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	413	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	413	U	0.41
2-Chloronaphthalene		330	10	10	333	413	U	0.41
2-Nitroaniline		330	10	10	333	413	U	0.41
Acenaphthalene		330	10	10	333	413	U	0.41
Dimethylphthalate		1500	10	10	333	413	U	0.41
2,6-Dinitrotoluene		330	10	10	333	413	U	0.41
3-Nitroaniline		330	10	10	333	413	U	0.41
Acenaphthene		330	10	10	333	413	U	0.41
2,4-Dinitrophenol		550	10	10	333	413	U	0.41
Dibenzofuran		330	10	10	333	413	U	0.41
2,4-Dinitrotoluene		330	10	10	333	413	U	0.41
4-Nitrophenol		550	10	10	333	413	U	0.41
Fluorene		550	10	10	333	413	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	413	U	0.41
Diethylphthalate		1500	10	10	333	413	U	0.41
4-Nitroaniline		330	10	10	333	413	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	413	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	413	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	413	U	0.41
Hexachlorobenzene		330	10	10	333	413	U	0.41
Pentachlorophenol		550	10	10	333	413	U	0.41
Phenanthrene		330	10	10	333	413	U	0.41
Anthracene		330	10	10	333	413	U	0.41
Di-n-butylphthalate		1500	10	10	333	413	U	0.41
Fluoranthene		330	10	10	333	413	U	0.41
Pyrene		330	10	10	333	413	U	0.41
Butylbenzylphthalate		1500	10	10	333	413	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	413	U	0.41
Benzo (a) anthracene		330	10	10	333	413	U	0.41
Chrysene		330	10	10	333	413	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	413	U	0.41
Di-n-octylphthalate		1500	10	10	333	413	U	0.41
Benzo (b) fluoranthene		330	10	10	333	413	U	0.41
Benzo (k) fluoranthene		330	10	10	333	413	U	0.41
Benzo (a) pyrene		330	10	10	333	413	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	413	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	413	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	413	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		65	65	25-121
Phenol-d6		69	69	24-113
Nitrobenzene-d5		74	74	23-120
2-Fluorobiphenyl		82	82	30-115
2,4,6-Tribromophenol		87	87	19-122
Terphenyl-d14		59	59	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-03	Prep Method 1	SW3550
Field Sample ID:	GCMS-Q-215	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount	
Prep Batch Number:	QCS005	Percent Solids:	81
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	412	U	0.41
Phenol		550	10	10	333	412	U	0.41
2-Chlorophenol		550	10	10	333	412	U	0.41
1,3-Dichlorobenzene		330	10	10	333	412	U	0.41
1,4-Dichlorobenzene		330	10	10	333	412	U	0.41
1,2-Dichlorobenzene		330	10	10	333	412	U	0.41
Benzyl Alcohol		330	10	10	333	412	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	412	U	0.41
2-Methylphenol		550	10	10	333	412	U	0.41
Hexachloroethane		330	10	10	333	412	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	412	U	0.41
4-Methylphenol		550	10	10	333	412	U	0.41
Nitrobenzene		330	10	10	333	412	U	0.41
Isophorone		330	10	10	333	412	U	0.41
2-Nitrophenol		550	10	10	333	412	U	0.41
2,4-Dimethylphenol		550	10	10	333	412	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	412	U	0.41
2,4-Dichlorophenol		550	10	10	333	412	U	0.41
Benzoic Acid		330	10	10	333	412	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	412	U	0.41
Naphthalene		330	10	10	333	412	U	0.41
4-Chloroaniline		330	10	10	333	412	U	0.41
Hexachlorobutadiene		330	10	10	333	412	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	412	U	0.41
2-Methylnaphthalene		330	10	10	333	412	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	412	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	412	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	412	U	0.41
2-Chloronaphthalene		330	10	10	333	412	U	0.41
2-Nitroaniline		330	10	10	333	412	U	0.41
Acenaphthalene		330	10	10	333	412	U	0.41
Dimethylphthalate		1500	10	10	333	412	U	0.41
2,6-Dinitrotoluene		330	10	10	333	412	U	0.41
3-Nitroaniline		330	10	10	333	412	U	0.41
Acenaphthene		330	10	10	333	412	U	0.41
2,4-Dinitrophenol		550	10	10	333	412	U	0.41
Dibenzofuran		330	10	10	333	412	U	0.41
2,4-Dinitrotoluene		330	10	10	333	412	U	0.41
4-Nitrophenol		550	10	10	333	412	U	0.41
Fluorene		550	10	10	333	412	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	412	U	0.41
Diethylphthalate		1500	10	10	333	412	U	0.41
4-Nitroaniline		330	10	10	333	412	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	412	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	412	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	412	U	0.41
Hexachlorobenzene		330	10	10	333	412	U	0.41
Pentachlorophenol		550	10	10	333	412	U	0.41
Phenanthrene		330	10	10	333	412	U	0.41
Anthracene		330	10	10	333	412	U	0.41
Di-n-butylphthalate		1500	10	10	333	412	U	0.41
Fluoranthene		330	10	10	333	412	U	0.41
Pyrene		330	10	10	333	412	U	0.41
Butylbenzylphthalate		1500	10	10	333	412	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	412	U	0.41
Benzo (a) anthracene		330	10	10	333	412	U	0.41
Chrysene		330	10	10	333	412	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	412	U	0.41
Di-n-octylphthalate		1500	10	10	333	412	U	0.41
Benzo (b) fluoranthene		330	10	10	333	412	U	0.41
Benzo (k) fluoranthene		330	10	10	333	412	U	0.41
Benzo (a) pyrene		330	10	10	333	412	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	412	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	412	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	412	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		61	61	25-121
Phenol-d6		58	58	24-113
Nitrobenzene-d5		70	70	23-120
2-Fluorobiphenyl		74	74	30-115
2,4,6-Tribromophenol		68	68	19-122
Terphenyl-d14		50	50	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID	URS111301-04	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-216	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type	FR
EDD Transfer Date:		Result Units	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	90
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	371.4	U	0.37
Phenol		550	10	10	333	371	U	0.37
2-Chlorophenol		550	10	10	333	371	U	0.37
1,3-Dichlorobenzene		330	10	10	333	371	U	0.37
1,4-Dichlorobenzene		330	10	10	333	371	U	0.37
1,2-Dichlorobenzene		330	10	10	333	371	U	0.37
Benzyl Alcohol		330	10	10	333	371	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	371	U	0.37
2-Methylphenol		550	10	10	333	371	U	0.37
Hexachloroethane		330	10	10	333	371	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	371	U	0.37
4-Methylphenol		550	10	10	333	371	U	0.37
Nitrobenzene		330	10	10	333	371	U	0.37
Isophorone		330	10	10	333	371	U	0.37
2-Nitrophenol		550	10	10	333	371	U	0.37
2,4-Dimethylphenol		550	10	10	333	371	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	371	U	0.37
2,4-Dichlorophenol		550	10	10	333	371	U	0.37
Benzoic Acid		330	10	10	333	371	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	371	U	0.37
Naphthalene		330	10	10	333	371	U	0.37
4-Chloroaniline		330	10	10	333	371	U	0.37
Hexachlorobutadiene		330	10	10	333	371	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	371	U	0.37
2-Methylnaphthalene		330	10	10	333	371	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	371	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	371	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	371	U	0.37
2-Chloronaphthalene		330	10	10	333	371	U	0.37
2-Nitroaniline		330	10	10	333	371	U	0.37
Acenaphthalene		330	10	10	333	371	U	0.37
Dimethylphthalate		1500	10	10	333	371	U	0.37
2,6-Dinitrotoluene		330	10	10	333	371	U	0.37
3-Nitroaniline		330	10	10	333	371	U	0.37
Acenaphthene		330	10	10	333	371	U	0.37
2,4-Dinitrophenol		550	10	10	333	371	U	0.37
Dibenzofuran		330	10	10	333	371	U	0.37
2,4-Dinitrotoluene		330	10	10	333	371	U	0.37
4-Nitrophenol		550	10	10	333	371	U	0.37
Fluorene		550	10	10	333	371	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	371	U	0.37
Diethylphthalate		1500	10	10	333	371	U	0.37
4-Nitroaniline		330	10	10	333	371	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	371	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	371	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	371	U	0.37
Hexachlorobenzene		330	10	10	333	371	U	0.37
Pentachlorophenol		550	10	10	333	371	U	0.37
Phenanthrene		330	10	10	333	371	U	0.37
Anthracene		330	10	10	333	371	U	0.37
Di-n-butylphthalate		1500	10	10	333	371	U	0.37
Fluoranthene		330	10	10	333	371	U	0.37
Pyrene		330	10	10	333	371	U	0.37
Butylbenzylphthalate		1500	10	10	333	371	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	371	U	0.37
Benzo (a) anthracene		330	10	10	333	371	U	0.37
Chrysene		330	10	10	333	371	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	371	U	0.37
Di-n-octylphthalate		1500	10	10	333	371	U	0.37
Benzo (b) fluoranthene		330	10	10	333	371	U	0.37
Benzo (k) fluoranthene		330	10	10	333	371	U	0.37
Benzo (a) pyrene		330	10	10	333	371	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	371	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	371	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	371	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		59	59	25-121
Phenol-d6		60	60	24-113
Nitrobenzene-d5		70	70	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		50	50	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ias outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group.	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-05	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-221	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids.	81
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	413	U	0.41
Phenol		550	10	10	333	413	U	0.41
2-Chlorophenol		550	10	10	333	413	U	0.41
1,3-Dichlorobenzene		330	10	10	333	413	U	0.41
1,4-Dichlorobenzene		330	10	10	333	413	U	0.41
1,2-Dichlorobenzene		330	10	10	333	413	U	0.41
Benzyl Alcohol		330	10	10	333	413	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	413	U	0.41
2-Methylphenol		550	10	10	333	413	U	0.41
Hexachloroethane		330	10	10	333	413	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	413	U	0.41
4-Methylphenol		550	10	10	333	413	U	0.41
Nitrobenzene		330	10	10	333	413	U	0.41
Isophorone		330	10	10	333	413	U	0.41
2-Nitrophenol		550	10	10	333	413	U	0.41
2,4-Dimethylphenol		550	10	10	333	413	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	413	U	0.41
2,4-Dichlorophenol		550	10	10	333	413	U	0.41
Benzoic Acid		330	10	10	333	413	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	413	U	0.41
Naphthalene		330	10	10	333	413	U	0.41
4-Chloroaniline		330	10	10	333	413	U	0.41
Hexachlorobutadiene		330	10	10	333	413	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	413	U	0.41
2-Methylnaphthalene		330	10	10	333	413	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	413	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	413	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	413	U	0.41
2-Chloronaphthalene		330	10	10	333	413	U	0.41
2-Nitroaniline		330	10	10	333	413	U	0.41
Acenaphthalene		330	10	10	333	413	U	0.41
Dimethylphthalate		1500	10	10	333	413	U	0.41
2,6-Dinitrotoluene		330	10	10	333	413	U	0.41
3-Nitroaniline		330	10	10	333	413	U	0.41
Acenaphthene		330	10	10	333	413	U	0.41
2,4-Dinitrophenol		550	10	10	333	413	U	0.41
Dibenzofuran		330	10	10	333	413	U	0.41
2,4-Dinitrotoluene		330	10	10	333	413	U	0.41
4-Nitrophenol		550	10	10	333	413	U	0.41
Fluorene		550	10	10	333	413	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	413	U	0.41
Diethylphthalate		1500	10	10	333	413	U	0.41
4-Nitroaniline		330	10	10	333	413	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	413	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	413	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	413	U	0.41
Hexachlorobenzene		330	10	10	333	413	U	0.41
Pentachlorophenol		550	10	10	333	413	U	0.41
Phenanthrene		330	10	10	333	413	U	0.41
Anthracene		330	10	10	333	413	U	0.41
Di-n-butylphthalate		1500	10	10	333	413	U	0.41
Fluoranthene		330	10	10	333	413	U	0.41
Pyrene		330	10	10	333	413	U	0.41
Butylbenzylphthalate		1500	10	10	333	413	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	413	U	0.41
Benzo (a) anthracene		330	10	10	333	413	U	0.41
Chrysene		330	10	10	333	413	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	413	U	0.41
Di-n-octylphthalate		1500	10	10	333	413	U	0.41
Benzo (b) fluoranthene		330	10	10	333	413	U	0.41
Benzo (k) fluoranthene		330	10	10	333	413	U	0.41
Benzo (a) pyrene		330	10	10	333	413	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	413	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	413	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	413	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		44	44	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		54	54	30-115
2,4,6-Tribromophenol		61	61	19-122
Terphenyl-d14		47	47	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-06	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-222	Prep Method 2.	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	96
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	348	U	0.35
Phenol		550	10	10	333	348	U	0.35
2-Chlorophenol		550	10	10	333	348	U	0.35
1,3-Dichlorobenzene		330	10	10	333	348	U	0.35
1,4-Dichlorobenzene		330	10	10	333	348	U	0.35
1,2-Dichlorobenzene		330	10	10	333	348	U	0.35
Benzyl Alcohol		330	10	10	333	348	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	348	U	0.35
2-Methylphenol		550	10	10	333	348	U	0.35
Hexachloroethane		330	10	10	333	348	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	348	U	0.35
4-Methylphenol		550	10	10	333	348	U	0.35
Nitrobenzene		330	10	10	333	348	U	0.35
Isophorone		330	10	10	333	348	U	0.35
2-Nitrophenol		550	10	10	333	348	U	0.35
2,4-Dimethylphenol		550	10	10	333	348	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	348	U	0.35
2,4-Dichlorophenol		550	10	10	333	348	U	0.35
Benzoic Acid		330	10	10	333	348	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	348	U	0.35
Naphthalene		330	10	10	333	348	U	0.35
4-Chloroaniline		330	10	10	333	348	U	0.35
Hexachlorobutadiene		330	10	10	333	348	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	348	U	0.35
2-Methylnaphthalene		330	10	10	333	348	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	348	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	348	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	348	U	0.35
2-Chloronaphthalene		330	10	10	333	348	U	0.35
2-Nitroaniline		330	10	10	333	348	U	0.35
Acenaphthalene		330	10	10	333	348	U	0.35
Dimethylphthalate		1500	10	10	333	348	U	0.35
2,6-Dinitrotoluene		330	10	10	333	348	U	0.35
3-Nitroaniline		330	10	10	333	348	U	0.35
Acenaphthene		330	10	10	333	348	U	0.35
2,4-Dinitrophenol		550	10	10	333	348	U	0.35
Dibenzofuran		330	10	10	333	348	U	0.35
2,4-Dinitrotoluene		330	10	10	333	348	U	0.35
4-Nitrophenol		550	10	10	333	348	U	0.35
Fluorene		550	10	10	333	348	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	348	U	0.35
Diethylphthalate		1500	10	10	333	348	U	0.35
4-Nitroaniline		330	10	10	333	348	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	348	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	348	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	348	U	0.35
Hexachlorobenzene		330	10	10	333	348	U	0.35
Pentachlorophenol		550	10	10	333	348	U	0.35
Phenanthrene		330	10	10	333	348	U	0.35
Anthracene		330	10	10	333	348	U	0.35
Di-n-butylphthalate		1500	10	10	333	348	U	0.35
Fluoranthene		330	10	10	333	348	U	0.35
Pyrene		330	10	10	333	348	U	0.35
Butylbenzylphthalate		1500	10	10	333	348	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	348	U	0.35
Benzo (a) anthracene		330	10	10	333	348	U	0.35
Chrysene		330	10	10	333	348	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	348	U	0.35
Di-n-octylphthalate		1500	10	10	333	348	U	0.35
Benzo (b) fluoranthene		330	10	10	333	348	U	0.35
Benzo (k) fluoranthene		330	10	10	333	348	U	0.35
Benzo (a) pyrene		330	10	10	333	348	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	348	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	348	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	348	U	0.35

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		64	64	25-121
Phenol-d6		64	64	24-113
Nitrobenzene-d5		74	74	23-120
2-Fluorobiphenyl		76	76	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		48	48	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-07	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-175	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	77
Data File Name:	SA04418	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	430	U	0.43
Phenol		550	10	10	333	430	U	0.43
2-Chlorophenol		550	10	10	333	430	U	0.43
1,3-Dichlorobenzene		330	10	10	333	430	U	0.43
1,4-Dichlorobenzene		330	10	10	333	430	U	0.43
1,2-Dichlorobenzene		330	10	10	333	430	U	0.43
Benzyl Alcohol		330	10	10	333	430	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	430	U	0.43
2-Methylphenol		550	10	10	333	430	U	0.43
Hexachloroethane		330	10	10	333	430	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	430	U	0.43
4-Methylphenol		550	10	10	333	430	U	0.43
Nitrobenzene		330	10	10	333	430	U	0.43
Isophorone		330	7	7	221	285	J	0.29
2-Nitrophenol		550	10	10	333	430	U	0.43
2,4-Dimethylphenol		550	10	10	333	430	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	430	U	0.43
2,4-Dichlorophenol		550	10	10	333	430	U	0.43
Benzoic Acid		330	10	10	333	430	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	430	U	0.43
Naphthalene		330	10	10	333	430	U	0.43
4-Chloroaniline		330	10	10	333	430	U	0.43
Hexachlorobutadiene		330	10	10	333	430	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	430	U	0.43
2-Methylnaphthalene		330	10	10	333	430	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	430	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	430	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	430	U	0.43
2-Chloronaphthalene		330	10	10	333	430	U	0.43
2-Nitroaniline		330	10	10	333	430	U	0.43
Acenaphthalene		330	10	10	333	430	U	0.43
Dimethylphthalate		1500	10	10	333	430	U	0.43
2,6-Dinitrotoluene		330	10	10	333	430	U	0.43
3-Nitroaniline		330	10	10	333	430	U	0.43
Acenaphthene		330	10	10	333	430	U	0.43
2,4-Dinitrophenol		550	10	10	333	430	U	0.43
Dibenzofuran		330	10	10	333	430	U	0.43
2,4-Dinitrotoluene		330	10	10	333	430	U	0.43
4-Nitrophenol		550	10	10	333	430	U	0.43
Fluorene		550	10	10	333	430	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	430	U	0.43
Diethylphthalate		1500	10	10	333	430	U	0.43
4-Nitroaniline		330	10	10	333	430	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	430	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	430	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	430	U	0.43
Hexachlorobenzene		330	10	10	333	430	U	0.43
Pentachlorophenol		550	10	10	333	430	U	0.43
Phenanthrene		330	26	26	857	1106		1.11
Anthracene		330	8	8	279	360	J	0.36
Di-n-butylphthalate		1500	10	10	333	430	U	0.43
Fluoranthene		330	39	39	1300	1678		1.68
Pyrene		330	30	30	987	1274		1.27
Butylbenzylphthalate		1500	11	11	371	479		0.48
3,3-Dichlorobenzidine		330	10	10	333	430	U	0.43
Benzo (a) anthracene		330	16	16	531	686		0.69
Chrysene		330	18	18	606	782		0.78
bis (2-Ethylhexyl) phthalate		1500	103	103	3424	4420		4.42
Di-n-octylphthalate		1500	10	10	333	430	U	0.43
Benzo (b) fluoranthene		330	24	24	801	1034		1.03
Benzo (k) fluoranthene		330	6	6	187	241	J	0.24
Benzo (a) pyrene		330	10	10	333	430	U	0.43
Indeno (1,2,3-cd) pyrene		330	6	6	196	253	J	0.25
Dibenzo (a,h) anthracene		330	10	10	333	430	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	430	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		30	30	25-121
Phenol-d6		39	39	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		59	59	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		82	82	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report

Wt. Corrected corrects RL for sample amount

Final Result= Corrections for dilutions and moisture/dry performed

Final soil or sediment results reported on a dry weight basis

Comment: Sample has hydrocarbon pattern like diesel fuel

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount .	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-08	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-176	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids.	91
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg-
bis (2-Chlorethyl)ether		330	10	10	333	366	U	0.37
Phenol		550	10	10	333	366	U	0.37
2-Chlorophenol		550	10	10	333	366	U	0.37
1,3-Dichlorobenzene		330	10	10	333	366	U	0.37
1,4-Dichlorobenzene		330	10	10	333	366	U	0.37
1,2-Dichlorobenzene		330	10	10	333	366	U	0.37
Benzyl Alcohol		330	10	10	333	366	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	366	U	0.37
2-Methylphenol		550	10	10	333	366	U	0.37
Hexachloroethane		330	10	10	333	366	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	366	U	0.37
4-Methylphenol		550	10	10	333	366	U	0.37
Nitrobenzene		330	10	10	333	366	U	0.37
Isophorone		330	10	10	333	366	U	0.37
2-Nitrophenol		550	10	10	333	366	U	0.37
2,4-Dimethylphenol		550	10	10	333	366	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	366	U	0.37
2,4-Dichlorophenol		550	10	10	333	366	U	0.37
Benzoic Acid		330	10	10	333	366	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	366	U	0.37
Naphthalene		330	10	10	333	366	U	0.37
4-Chloroaniline		330	10	10	333	366	U	0.37
Hexachlorobutadiene		330	10	10	333	366	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	366	U	0.37
2-Methylnaphthalene		330	10	10	333	366	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	366	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	366	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	366	U	0.37
2-Chloronaphthalene		330	10	10	333	366	U	0.37
2-Nitroaniline		330	10	10	333	366	U	0.37
Acenaphthalene		330	10	10	333	366	U	0.37
Dimethylphthalate		1500	10	10	333	366	U	0.37
2,6-Dinitrotoluene		330	10	10	333	366	U	0.37
3-Nitroaniline		330	10	10	333	366	U	0.37
Acenaphthene		330	10	10	333	366	U	0.37
2,4-Dinitrophenol		550	10	10	333	366	U	0.37
Dibenzofuran		330	10	10	333	366	U	0.37
2,4-Dinitrotoluene		330	10	10	333	366	U	0.37
4-Nitrophenol		550	10	10	333	366	U	0.37
Fluorene		550	10	10	333	366	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	366	U	0.37
Diethylphthalate		1500	10	10	333	366	U	0.37
4-Nitroaniline		330	10	10	333	366	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	366	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	366	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	366	U	0.37
Hexachlorobenzene		330	10	10	333	366	U	0.37
Pentachlorophenol		550	10	10	333	366	U	0.37
Phenanthrene		330	10	10	333	366	U	0.37
Anthracene		330	10	10	333	366	U	0.37
Di-n-butylphthalate		1500	10	10	333	366	U	0.37
Fluoranthene		330	10	10	333	366	U	0.37
Pyrene		330	10	10	333	366	U	0.37
Butylbenzylphthalate		1500	10	10	333	366	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	366	U	0.37
Benzo (a) anthracene		330	10	10	333	366	U	0.37
Chrysene		330	10	10	333	366	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	366	U	0.37
Di-n-octylphthalate		1500	10	10	333	366	U	0.37
Benzo (b) fluoranthene		330	10	10	333	366	U	0.37
Benzo (k) fluoranthene		330	10	10	333	366	U	0.37
Benzo (a) pyrene		330	10	10	333	366	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	366	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	366	U	0.37
Benzo (g,h,I) perylene		330	10	10	333	366	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56	56	25-121
Phenol-d6		53	53	24-113
Nitrobenzene-d5		61	61	23-120
2-Fluorobiphenyl		70	70	30-115
2,4,6-Tribromophenol		66	66	19-122
Terphenyl-d14		48	48	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-09	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-186	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/16/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	91
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	365	U	0.37
Phenol		550	10	10	333	365	U	0.37
2-Chlorophenol		550	10	10	333	365	U	0.37
1,3-Dichlorobenzene		330	10	10	333	365	U	0.37
1,4-Dichlorobenzene		330	10	10	333	365	U	0.37
1,2-Dichlorobenzene		330	10	10	333	365	U	0.37
Benzyl Alcohol		330	10	10	333	365	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	365	U	0.37
2-Methylphenol		550	10	10	333	365	U	0.37
Hexachloroethane		330	10	10	333	365	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	365	U	0.37
4-Methylphenol		550	10	10	333	365	U	0.37
Nitrobenzene		330	10	10	333	365	U	0.37
Isophorone		330	10	10	333	365	U	0.37
2-Nitrophenol		550	10	10	333	365	U	0.37
2,4-Dimethylphenol		550	10	10	333	365	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	365	U	0.37
2,4-Dichlorophenol		550	10	10	333	365	U	0.37
Benzoic Acid		330	10	10	333	365	U	0.37
1,2,4-Trichlorobenzene		330	10	10	333	365	U	0.37
Naphthalene		330	10	10	333	365	U	0.37
4-Chloroaniline		330	10	10	333	365	U	0.37
Hexachlorobutadiene		330	10	10	333	365	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	365	U	0.37
2-Methylnaphthalene		330	10	10	333	365	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	365	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	365	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	365	U	0.37
2-Chloronaphthalene		330	10	10	333	365	U	0.37
2-Nitroaniline		330	10	10	333	365	U	0.37
Acenaphthalene		330	10	10	333	365	U	0.37
Dimethylphthalate		1500	10	10	333	365	U	0.37
2,6-Dinitrotoluene		330	10	10	333	365	U	0.37
3-Nitroaniline		330	10	10	333	365	U	0.37
Acenaphthene		330	10	10	333	365	U	0.37
2,4-Dinitrophenol		550	10	10	333	365	U	0.37
Dibenzofuran		330	10	10	333	365	U	0.37
2,4-Dinitrotoluene		330	10	10	333	365	U	0.37
4-Nitrophenol		550	10	10	333	365	U	0.37
Fluorene		550	10	10	333	365	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	365	U	0.37
Diethylphthalate		1500	10	10	333	365	U	0.37
4-Nitroaniline		330	10	10	333	365	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	365	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	365	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	365	U	0.37
Hexachlorobenzene		330	10	10	333	365	U	0.37
Pentachlorophenol		550	10	10	333	365	U	0.37
Phenanthrene		330	10	10	333	365	U	0.37
Anthracene		330	10	10	333	365	U	0.37
Di-n-butylphthalate		1500	10	10	333	365	U	0.37
Fluoranthene		330	10	10	333	365	U	0.37
Pyrene		330	10	10	333	365	U	0.37
Butylbenzylphthalate		1500	10	10	333	365	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	365	U	0.37
Benzo (a) anthracene		330	10	10	333	365	U	0.37
Chrysene		330	10	10	333	365	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	365	U	0.37
Di-n-octylphthalate		1500	10	10	333	365	U	0.37
Benzo (b) fluoranthene		330	10	10	333	365	U	0.37
Benzo (k) fluoranthene		330	10	10	333	365	U	0.37
Benzo (a) pyrene		330	10	10	333	365	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	365	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	365	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	365	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		53	53	25-121
Phenol-d6		53	53	24-113
Nitrobenzene-d5		59	59	23-120
2-Fluorobiphenyl		66	66	30-115
2,4,6-Tribromophenol		64	64	19-122
Terphenyl-d14		47	47	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-10	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-10	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	91
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	365	U	0.37
Phenol		550	10	10	333	365	U	0.37
2-Chlorophenol		550	10	10	333	365	U	0.37
1,3-Dichlorobenzene		330	10	10	333	365	U	0.37
1,4-Dichlorobenzene		330	10	10	333	365	U	0.37
1,2-Dichlorobenzene		330	10	10	333	365	U	0.37
Benzyl Alcohol		330	10	10	333	365	U	0.37
bis (2-Chloroisopropyl) ether		330	10	10	333	365	U	0.37
2-Methylphenol		550	10	10	333	365	U	0.37
Hexachloroethane		330	10	10	333	365	U	0.37
N-Nitroso-di-n-propylamine		330	10	10	333	365	U	0.37
4-Methylphenol		550	10	10	333	365	U	0.37
Nitrobenzene		330	10	10	333	365	U	0.37
Isophorone		330	10	10	333	365	U	0.37
2-Nitrophenol		550	10	10	333	365	U	0.37
2,4-Dimethylphenol		550	10	10	333	365	U	0.37
bis (2-Chloroethoxy) methane		330	10	10	333	365	U	0.37
2,4-Dichlorophenol		550	10	10	333	365	U	0.37
Benzoic Acid		330	10	10	333	365	U	0.37
1,2,4-Trichlorobenzene		330	**5**	**5**	**171**	**187**	**J**	**0.19**
Naphthalene		330	10	10	333	365	U	0.37
4-Chloroaniline		330	10	10	333	365	U	0.37
Hexachlorobutadiene		330	10	10	333	365	U	0.37
4-Chloro-3-methylphenol		330	10	10	333	365	U	0.37
2-Methylnaphthalene		330	10	10	333	365	U	0.37
Hexachlorocyclopentadiene		330	10	10	333	365	U	0.37
2,4,6-Trichlorophenol		550	10	10	333	365	U	0.37
2,4,5-Trichlorophenol		550	10	10	333	365	U	0.37
2-Chloronaphthalene		330	10	10	333	365	U	0.37
2-Nitroaniline		330	10	10	333	365	U	0.37
Acenaphthalene		330	10	10	333	365	U	0.37
Dimethylphthalate		1500	10	10	333	365	U	0.37
2,6-Dinitrotoluene		330	10	10	333	365	U	0.37
3-Nitroaniline		330	10	10	333	365	U	0.37
Acenaphthene		330	10	10	333	365	U	0.37
2,4-Dinitrophenol		550	10	10	333	365	U	0.37
Dibenzofuran		330	10	10	333	365	U	0.37
2,4-Dinitrotoluene		330	10	10	333	365	U	0.37
4-Nitrophenol		550	10	10	333	365	U	0.37
Fluorene		550	10	10	333	365	U	0.37
4-Chlorophenyl-phenyl ether		330	10	10	333	365	U	0.37
Diethylphthalate		1500	10	10	333	365	U	0.37
4-Nitroaniline		330	10	10	333	365	U	0.37
4,6-Dinitro-2-methylphenol		550	10	10	333	365	U	0.37
N-Nitrosodiphenylamine		330	10	10	333	365	U	0.37
4-Bromophenyl-phenylether		330	10	10	333	365	U	0.37
Hexachlorobenzene		330	10	10	333	365	U	0.37
Pentachlorophenol		550	**6**	**6**	**197**	**216**	**J**	**0.22**
Phenanthrene		330	10	10	333	365	U	0.37
Anthracene		330	10	10	333	365	U	0.37
Di-n-butylphthalate		1500	10	10	333	365	U	0.37
Fluoranthene		330	10	10	333	365	U	0.37
Pyrene		330	10	10	333	365	U	0.37
Butylbenzylphthalate		1500	10	10	333	365	U	0.37
3,3-Dichlorobenzidine		330	10	10	333	365	U	0.37
Benzo (a) anthracene		330	10	10	333	365	U	0.37
Chrysene		330	10	10	333	365	U	0.37
bis (2-Ethylhexyl) phthalate		1500	10	10	333	365	U	0.37
Di-n-octylphthalate		1500	10	10	333	365	U	0.37
Benzo (b) fluoranthene		330	10	10	333	365	U	0.37
Benzo (k) fluoranthene		330	10	10	333	365	U	0.37
Benzo (a) pyrene		330	10	10	333	365	U	0.37
Indeno (1,2,3-cd) pyrene		330	10	10	333	365	U	0.37
Dibenzo (a,h) anthracene		330	10	10	333	365	U	0.37
Benzo (g,h,i) perylene		330	10	10	333	365	U	0.37

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56	56	25-121
Phenol-d6		54	54	24-113
Nitrobenzene-d5		66	66	23-120
2-Fluorobiphenyl		78	78	30-115
2,4,6-Tribromophenol		91	91	19-122
Terphenyl-d14		55	55	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS1113-11	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-12	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	69
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4833	U	4.8
Phenol		550	10	10	333	4833	U	4.8
2-Chlorophenol		550	10	10	333	4833	U	4.8
1,3-Dichlorobenzene		330	10	10	333	4833	U	4.8
1,4-Dichlorobenzene		330	10	10	333	4833	U	4.8
1,2-Dichlorobenzene		330	10	10	333	4833	U	4.8
Benzyl Alcohol		330	10	10	333	4833	U	4.8
bis (2-Chloroisopropyl) ether		330	10	10	333	4833	U	4.8
2-Methylphenol		550	10	10	333	4833	U	4.8
Hexachloroethane		330	10	10	333	4833	U	4.8
N-Nitroso-di-n-propylamine		330	10	10	333	4833	U	4.8
4-Methylphenol		550	10	10	333	4833	U	4.8
Nitrobenzene		330	10	10	333	4833	U	4.8
Isophorone		330	10	10	333	4833	U	4.8
2-Nitrophenol		550	10	10	333	4833	U	4.8
2,4-Dimethylphenol		550	10	10	333	4833	U	4.8
bis (2-Chloroethoxy) methane		330	10	10	333	4833	U	4.8
2,4-Dichlorophenol		550	11	11	350	5075		5.1
Benzoic Acid		330	10	10	333	4833	U	4.8
1,2,4-Trichlorobenzene		330	13	13	420	6090		6.1
Naphthalene		330	10	10	333	4833	U	4.8
4-Chloroaniline		330	9	9	308	4461	J	4.5
Hexachlorobutadiene		330	10	10	333	4833	U	4.8
4-Chloro-3-methylphenol		330	10	10	333	4833	U	4.8
2-Methylnaphthalene		330	10	10	333	4833	U	4.8
Hexachlorocyclopentadiene		330	10	10	333	4833	U	4.8
2,4,6-Trichlorophenol		550	10	10	333	4833	U	4.8
2,4,5-Trichlorophenol		550	10	10	333	4833	U	4.8
2-Chloronaphthalene		330	10	10	333	4833	U	4.8
2-Nitroaniline		330	10	10	333	4833	U	4.8
Acenaphthalene		330	10	10	333	4833	U	4.8
Dimethylphthalate		1500	196	196	6524	94592	E	95
2,6-Dinitrotoluene		330	24	24	787	11406		11
3-Nitroaniline		330	10	10	333	4833	U	4.8
Acenaphthene		330	10	10	333	4833	U	4.8
2,4-Dinitrophenol		550	10	10	333	4833	U	4.8
Dibenzofuran		330	10	10	333	4833	U	4.8
2,4-Dinitrotoluene		330	10	10	333	4833	U	4.8
4-Nitrophenol		550	10	10	333	4833	U	4.8
Fluorene		550	10	10	333	4833	U	4.8
4-Chlorophenyl-phenyl ether		330	10	10	333	4833	U	4.8
Diethylphthalate		1500	10	10	333	4833	U	4.8
4-Nitroaniline		330	10	10	333	4833	U	4.8
4,6-Dinitro-2-methylphenol		550	10	10	333	4833	U	4.8
N-Nitrosodiphenylamine		330	10	10	333	4833	U	4.8
4-Bromophenyl-phenylether		330	125	125	4171	60476	E	60
Hexachlorobenzene		330	7	7	219	3170	J	3.2
Pentachlorophenol		550	3047	3047	101581	1472834	E	1473
Phenanthrene		330	10	10	333	4833	U	4.8
Anthracene		330	10	10	333	4833	U	4.8
Di-n-butylphthalate		1500	16	16	518	7515		7.5
Fluoranthene		330	36	36	1208	17515		18
Pyrene		330	10	10	333	4833	U	4.8
Butylbenzylphthalate		1500	10	10	333	4833	U	4.8
3,3-Dichlorobenzidine		330	10	10	333	4833	U	4.8
Benzo (a) anthracene		330	10	10	333	4833	U	4.8
Chrysene		330	10	10	333	4833	U	4.8
bis (2-Ethylhexyl) phthalate		1500	10	10	333	4833	U	4.8
Di-n-octylphthalate		1500	10	10	333	4833	U	4.8
Benzo (b) fluoranthene		330	10	10	333	4833	U	4.8
Benzo (k) fluoranthene		330	10	10	333	4833	U	4.8
Benzo (a) pyrene		330	10	10	333	4833	U	4.8
Indeno (1,2,3-cd) pyrene		330	10	10	333	4833	U	4.8
Dibenzo (a,h) anthracene		330	10	10	333	4833	U	4.8
Benzo (g,h,i) perylene		330	10	10	333	4833	U	4.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	0	25-121
Phenol-d6		0	4	24-113
Nitrobenzene-d5		1	7	23-120
2-Fluorobiphenyl		1	10	30-115
2,4,6-Tribromophenol		1	13	19-122
Terphenyl-d14		2	21	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID	URS1113-11	Prep Method 1	SW3550
Field Sample ID:	GCMS-Q-12	Prep Method 2.	
Date Sample Collected:	11/13/01	Lab Analysis Date	11/19/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	69
Data File Name	SA04229	Laboratory Code	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	48330	U	48
Phenol		550	10	10	333	48330	U	48
2-Chlorophenol		550	10	10	333	48330	U	48
1,3-Dichlorobenzene		330	10	10	333	48330	U	48
1,4-Dichlorobenzene		330	10	10	333	48330	U	48
1,2-Dichlorobenzene		330	10	10	333	48330	U	48
Benzyl Alcohol		330	10	10	333	48330	U	48
bis (2-Chloroisopropyl) ether		330	10	10	333	48330	U	48
2-Methylphenol		550	10	10	333	48330	U	48
Hexachloroethane		330	10	10	333	48330	U	48
N-Nitroso-di-n-propylamine		330	10	10	333	48330	U	48
4-Methylphenol		550	10	10	333	48330	U	48
Nitrobenzene		330	10	10	333	48330	U	48
Isophorone		330	10	10	333	48330	U	48
2-Nitrophenol		550	10	10	333	48330	U	48
2,4-Dimethylphenol		550	10	10	333	48330	U	48
bis (2-Chloroethoxy) methane		330	10	10	333	48330	U	48
2,4-Dichlorophenol		550	10	10	333	48330	U	48
Benzoic Acid		330	10	10	333	48330	U	48
1,2,4-Trichlorobenzene		330	10	10	333	48330	U	48
Naphthalene		330	10	10	333	48330	U	48
4-Chloroaniline		330	10	10	333	48330	U	48
Hexachlorobutadiene		330	10	10	333	48330	U	48
4-Chloro-3-methylphenol		330	10	10	333	48330	U	48
2-Methylnaphthalene		330	10	10	333	48330	U	48
Hexachlorocyclopentadiene		330	10	10	333	48330	U	48
2,4,6-Trichlorophenol		550	10	10	333	48330	U	48
2,4,5-Trichlorophenol		550	10	10	333	48330	U	48
2-Chloronaphthalene		330	10	10	333	48330	U	48
2-Nitroaniline		330	10	10	333	48330	U	48
Acenaphthalene		330	10	10	333	48330	U	48
Dimethylphthalate		1500	10	10	333	48330	U	48
2,6-Dinitrotoluene		330	10	10	333	48330	U	48
3-Nitroaniline		330	10	10	333	48330	U	48
Acenaphthene		330	10	10	333	48330	U	48
2,4-Dinitrophenol		550	10	10	333	48330	U	48
Dibenzofuran		330	10	10	333	48330	U	48
2,4-Dinitrotoluene		330	10	10	333	48330	U	48
4-Nitrophenol		550	10	10	333	48330	U	48
Fluorene		550	10	10	333	48330	U	48
4-Chlorophenyl-phenyl ether		330	10	10	333	48330	U	48
Diethylphthalate		1500	10	10	333	48330	U	48
4-Nitroaniline		330	10	10	333	48330	U	48
4,6-Dinitro-2-methylphenol		550	10	10	333	48330	U	48
N-Nitrosodiphenylamine		330	10	10	333	48330	U	48
4-Bromophenyl-phenylether		330	10	10	333	48330	U	48
Hexachlorobenzene		330	10	10	333	48330	U	48
Pentachlorophenol		550	10	10	336	48669		49
Phenanthrene		330	10	10	333	48330	U	48
Anthracene		330	10	10	333	48330	U	48
Di-n-butylphthalate		1500	10	10	333	48330	U	48
Fluoranthene		330	10	10	333	48330	U	48
Pyrene		330	10	10	333	48330	U	48
Butylbenzylphthalate		1500	10	10	333	48330	U	48
3,3-Dichlorobenzidine		330	10	10	333	48330	U	48
Benzo (a) anthracene		330	10	10	333	48330	U	48
Chrysene		330	10	10	333	48330	U	48
bis (2-Ethylhexyl) phthalate		1500	10	10	333	48330	U	48
Di-n-octylphthalate		1500	10	10	333	48330	U	48
Benzo (b) fluoranthene		330	10	10	333	48330	U	48
Benzo (k) fluoranthene		330	10	10	333	48330	U	48
Benzo (a) pyrene		330	10	10	333	48330	U	48
Indeno (1,2,3-cd) pyrene		330	10	10	333	48330	U	48
Dibenzo (a,h) anthracene		330	10	10	333	48330	U	48
Benzo (g,h,i) perylene		330	10	10	333	48330	U	48

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	0	25-121
Phenol-d6		0	0	24-113
Nitrobenzene-d5		0	2	23-120
2-Fluorobiphenyl		0	10	30-115
2,4,6-Tribromophenol		0	0	19-122
Terphenyl-d14		0	20	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount :	30
Lab Delivery Group.	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-12	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-208	Prep Method 2.	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	84
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3958	U	4.0
Phenol		550	10	10	333	3958	U	4.0
2-Chlorophenol		550	10	10	333	3958	U	4.0
1,3-Dichlorobenzene		330	10	10	333	3958	U	4.0
1,4-Dichlorobenzene		330	10	10	333	3958	U	4.0
1,2-Dichlorobenzene		330	10	10	333	3958	U	4.0
Benzyl Alcohol		330	10	10	333	3958	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	3958	U	4.0
2-Methylphenol		550	10	10	333	3958	U	4.0
Hexachloroethane		330	10	10	333	3958	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	3958	U	4.0
4-Methylphenol		550	10	10	333	3958	U	4.0
Nitrobenzene		330	10	10	333	3958	U	4.0
Isophorone		330	10	10	333	3958	U	4.0
2-Nitrophenol		550	10	10	333	3958	U	4.0
2,4-Dimethylphenol		550	10	10	333	3958	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	3958	U	4.0
2,4-Dichlorophenol		550	10	10	333	3958	U	4.0
Benzoic Acid		330	10	10	333	3958	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	3958	U	4.0
Naphthalene		330	10	10	333	3958	U	4.0
4-Chloroaniline		330	10	10	333	3958	U	4.0
Hexachlorobutadiene		330	10	10	333	3958	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	3958	U	4.0
2-Methylnaphthalene		330	10	10	333	3958	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	3958	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	3958	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	3958	U	4.0
2-Chloronaphthalene		330	10	10	333	3958	U	4.0
2-Nitroaniline		330	10	10	333	3958	U	4.0
Acenaphthalene		330	10	10	333	3958	U	4.0
Dimethylphthalate		1500	**14**	**14**	**468**	**5561**		**5.6**
2,6-Dinitrotoluene		330	10	10	333	3958	U	4.0
3-Nitroaniline		330	10	10	333	3958	U	4.0
Acenaphthene		330	10	10	333	3958	U	4.0
2,4-Dinitrophenol		550	10	10	333	3958	U	4.0
Dibenzofuran		330	10	10	333	3958	U	4.0
2,4-Dinitrotoluene		330	10	10	333	3958	U	4.0
4-Nitrophenol		550	10	10	333	3958	U	4.0
Fluorene		550	10	10	333	3958	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	3958	U	4.0
Diethylphthalate		1500	10	10	333	3958	U	4.0
4-Nitroaniline		330	10	10	333	3958	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	3958	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	3958	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	3958	U	4.0
Hexachlorobenzene		330	10	10	333	3958	U	4.0
Pentachlorophenol		550	**7**	**7**	**219**	**2601**	J	**2.6**
Phenanthrene		330	10	10	333	3958	U	4.0
Anthracene		330	10	10	333	3958	U	4.0
Di-n-butylphthalate		1500	10	10	333	3958	U	4.0
Fluoranthene		330	10	10	333	3958	U	4.0
Pyrene		330	10	10	333	3958	U	4.0
Butylbenzylphthalate		1500	10	10	333	3958	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	3958	U	4.0
Benzo (a) anthracene		330	10	10	333	3958	U	4.0
Chrysene		330	10	10	333	3958	U	4.0
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3958	U	4.0
Di-n-octylphthalate		1500	10	10	333	3958	U	4.0
Benzo (b) fluoranthene		330	10	10	333	3958	U	4.0
Benzo (k) fluoranthene		330	10	10	333	3958	U	4.0
Benzo (a) pyrene		330	10	10	333	3958	U	4.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	3958	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	3958	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	3958	U	4.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol			0	25-121
Phenol-d6			0	24-113
Nitrobenzene-d5			0	23-120
2-Fluorobiphenyl			0	30-115
2,4,6-Tribromophenol			0	19-122
Terphenyl-d14			0	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Results: Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-13	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-187	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	92
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	361	U	0.36
Phenol		550	10	10	333	361	U	0.36
2-Chlorophenol		550	10	10	333	361	U	0.36
1,3-Dichlorobenzene		330	10	10	333	361	U	0.36
1,4-Dichlorobenzene		330	10	10	333	361	U	0.36
1,2-Dichlorobenzene		330	10	10	333	361	U	0.36
Benzyl Alcohol		330	10	10	333	361	U	0.36
bis (2-Chloroisopropyl) ether		330	10	10	333	361	U	0.36
2-Methylphenol		550	10	10	333	361	U	0.36
Hexachloroethane		330	10	10	333	361	U	0.36
N-Nitroso-di-n-propylamine		330	10	10	333	361	U	0.36
4-Methylphenol		550	10	10	333	361	U	0.36
Nitrobenzene		330	10	10	333	361	U	0.36
Isophorone		330	10	10	333	361	U	0.36
2-Nitrophenol		550	10	10	333	361	U	0.36
2,4-Dimethylphenol		550	10	10	333	361	U	0.36
bis (2-Chloroethoxy) methane		330	10	10	333	361	U	0.36
2,4-Dichlorophenol		550	10	10	333	361	U	0.36
Benzoic Acid		330	10	10	333	361	U	0.36
1,2,4-Trichlorobenzene		330	10	10	333	361	U	0.36
Naphthalene		330	10	10	333	361	U	0.36
4-Chloroaniline		330	10	10	333	361	U	0.36
Hexachlorobutadiene		330	10	10	333	361	U	0.36
4-Chloro-3-methylphenol		330	10	10	333	361	U	0.36
2-Methylnaphthalene		330	10	10	333	361	U	0.36
Hexachlorocyclopentadiene		330	10	10	333	361	U	0.36
2,4,6-Trichlorophenol		550	10	10	333	361	U	0.36
2,4,5-Trichlorophenol		550	10	10	333	361	U	0.36
2-Chloronaphthalene		330	10	10	333	361	U	0.36
2-Nitroaniline		330	10	10	333	361	U	0.36
Acenaphthalene		330	10	10	333	361	U	0.36
Dimethylphthalate		1500	10	10	333	361	U	0.36
2,6-Dinitrotoluene		330	10	10	333	361	U	0.36
3-Nitroaniline		330	10	10	333	361	U	0.36
Acenaphthene		330	10	10	333	361	U	0.36
2,4-Dinitrophenol		550	10	10	333	361	U	0.36
Dibenzofuran		330	10	10	333	361	U	0.36
2,4-Dinitrotoluene		330	10	10	333	361	U	0.36
4-Nitrophenol		550	10	10	333	361	U	0.36
Fluorene		550	10	10	333	361	U	0.36
4-Chlorophenyl-phenyl ether		330	10	10	333	361	U	0.36
Diethylphthalate		1500	10	10	333	361	U	0.36
4-Nitroaniline		330	10	10	333	361	U	0.36
4,6-Dinitro-2-methylphenol		550	10	10	333	361	U	0.36
N-Nitrosodiphenylamine		330	10	10	333	361	U	0.36
4-Bromophenyl-phenylether		330	10	10	333	361	U	0.36
Hexachlorobenzene		330	10	10	333	361	U	0.36
Pentachlorophenol		550	10	10	333	361	U	0.36
Phenanthrene		330	10	10	333	361	U	0.36
Anthracene		330	10	10	333	361	U	0.36
Di-n-butylphthalate		1500	10	10	333	361	U	0.36
Fluoranthene		330	10	10	333	361	U	0.36
Pyrene		330	10	10	333	361	U	0.36
Butylbenzylphthalate		1500	10	10	333	361	U	0.36
3,3-Dichlorobenzidine		330	10	10	333	361	U	0.36
Benzo (a) anthracene		330	10	10	333	361	U	0.36
Chrysene		330	10	10	333	361	U	0.36
bis (2-Ethylhexyl) phthalate		1500	10	10	333	361	U	0.36
Di-n-octylphthalate		1500	10	10	333	361	U	0.36
Benzo (b) fluoranthene		330	10	10	333	361	U	0.36
Benzo (k) fluoranthene		330	10	10	333	361	U	0.36
Benzo (a) pyrene		330	10	10	333	361	U	0.36
Indeno (1,2,3-cd) pyrene		330	10	10	333	361	U	0.36
Dibenzo (a,h) anthracene		330	10	10	333	361	U	0.36
Benzo (g,h,i) perylene		330	10	10	333	361	U	0.36

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol			0	25-121
Phenol-d6			0	24-113
Nitrobenzene-d5			0	23-120
2-Fluorobiphenyl			0	30-115
2,4,6-Tribromophenol			0	19-122
Terphenyl-d14			0	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount .	30
Lab Delivery Group:	URS111301	Lab Prep Date.	11/13/01
Lab Sample ID:	URS1113-14	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-195	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	80
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	415	U	0.41
Phenol		550	10	10	333	415	U	0.41
2-Chlorophenol		550	10	10	333	415	U	0.41
1,3-Dichlorobenzene		330	10	10	333	415	U	0.41
1,4-Dichlorobenzene		330	10	10	333	415	U	0.41
1,2-Dichlorobenzene		330	10	10	333	415	U	0.41
Benzyl Alcohol		330	10	10	333	415	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	415	U	0.41
2-Methylphenol		550	10	10	333	415	U	0.41
Hexachloroethane		330	10	10	333	415	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	415	U	0.41
4-Methylphenol		550	10	10	333	415	U	0.41
Nitrobenzene		330	10	10	333	415	U	0.41
Isophorone		330	10	10	333	415	U	0.41
2-Nitrophenol		550	10	10	333	415	U	0.41
2,4-Dimethylphenol		550	10	10	333	415	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	415	U	0.41
2,4-Dichlorophenol		550	10	10	333	415	U	0.41
Benzoic Acid		330	10	10	333	415	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	415	U	0.41
Naphthalene		330	10	10	333	415	U	0.41
4-Chloroaniline		330	10	10	333	415	U	0.41
Hexachlorobutadiene		330	10	10	333	415	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	415	U	0.41
2-Methylnaphthalene		330	10	10	333	415	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	415	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	415	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	415	U	0.41
2-Chloronaphthalene		330	10	10	333	415	U	0.41
2-Nitroaniline		330	10	10	333	415	U	0.41
Acenaphthalene		330	10	10	333	415	U	0.41
Dimethylphthalate		1500	10	10	333	415	U	0.41
2,6-Dinitrotoluene		330	10	10	333	415	U	0.41
3-Nitroaniline		330	10	10	333	415	U	0.41
Acenaphthene		330	10	10	333	415	U	0.41
2,4-Dinitrophenol		550	10	10	333	415	U	0.41
Dibenzofuran		330	10	10	333	415	U	0.41
2,4-Dinitrotoluene		330	10	10	333	415	U	0.41
4-Nitrophenol		550	10	10	333	415	U	0.41
Fluorene		550	10	10	333	415	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	415	U	0.41
Diethylphthalate		1500	10	10	333	415	U	0.41
4-Nitroanliine		330	10	10	333	415	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	415	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	415	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	415	U	0.41
Hexachlorobenzene		330	10	10	333	415	U	0.41
Pentachlorophenol		550	10	10	333	415	U	0.41
Phenanthrene		330	10	10	333	415	U	0.41
Anthracene		330	10	10	333	415	U	0.41
Di-n-butylphthalate		1500	10	10	333	415	U	0.41
Fluoranthene		330	10	10	333	415	U	0.41
Pyrene		330	10	10	333	415	U	0.41
Butylbenzylphthalate		1500	10	10	333	415	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	415	U	0.41
Benzo (a) anthracene		330	10	10	333	415	U	0.41
Chrysene		330	10	10	333	415	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	415	U	0.41
Di-n-octylphthalate		1500	10	10	333	415	U	0.41
Benzo (b) fluoranthene		330	10	10	333	415	U	0.41
Benzo (k) fluoranthene		330	10	10	333	415	U	0.41
Benzo (a) pyrene		330	10	10	333	415	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	415	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	415	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	415	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol			0	25-121
Phenol-d6			0	24-113
Nitrobenzene-d5			0	23-120
2-Fluorobiphenyl			0	30-115
2,4,6-Tribromophenol			0	19-122
Terphenyl-d14			0	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-15	Prep Method 1:	SW3550
Field Sample ID.	GCMS-Q-184	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	85
Data File Name:	SA04229	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	394	U	0.39
Phenol		550	10	10	333	394	U	0.39
2-Chlorophenol		550	10	10	333	394	U	0.39
1,3-Dichlorobenzene		330	10	10	333	394	U	0.39
1,4-Dichlorobenzene		330	8	8	278	329	J	0.33
1,2-Dichlorobenzene		330	10	10	333	394	U	0.39
Benzyl Alcohol		330	10	10	333	394	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	394	U	0.39
2-Methylphenol		550	10	10	333	394	U	0.39
Hexachloroethane		330	10	10	333	394	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	394	U	0.39
4-Methylphenol		550	10	10	333	394	U	0.39
Nitrobenzene		330	10	10	333	394	U	0.39
Isophorone		330	10	10	333	394	U	0.39
2-Nitrophenol		550	10	10	333	394	U	0.39
2,4-Dimethylphenol		550	10	10	333	394	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	394	U	0.39
2,4-Dichlorophenol		550	10	10	333	394	U	0.39
Benzoic Acid		330	10	10	333	394	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	394	U	0.39
Naphthalene		330	10	10	333	394	U	0.39
4-Chloroaniline		330	21	21	701	827		0.83
Hexachlorobutadiene		330	10	10	333	394	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	394	U	0.39
2-Methylnaphthalene		330	10	10	333	394	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	394	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	394	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	394	U	0.39
2-Chloronaphthalene		330	10	10	333	394	U	0.39
2-Nitroaniline		330	10	10	333	394	U	0.39
Acenaphthalene		330	10	10	333	394	U	0.39
Dimethylphthalate		1500	10	10	333	394	U	0.39
2,6-Dinitrotoluene		330	10	10	333	394	U	0.39
3-Nitroaniline		330	10	10	333	394	U	0.39
Acenaphthene		330	10	10	333	394	U	0.39
2,4-Dinitrophenol		550	10	10	333	394	U	0.39
Dibenzofuran		330	10	10	333	394	U	0.39
2,4-Dinitrotoluene		330	10	10	333	394	U	0.39
4-Nitrophenol		550	10	10	333	394	U	0.39
Fluorene		550	10	10	333	394	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	394	U	0.39
Diethylphthalate		1500	10	10	333	394	U	0.39
4-Nitroaniline		330	10	10	333	394	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	394	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	394	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	394	U	0.39
Hexachlorobenzene		330	10	10	333	394	U	0.39
Pentachlorophenol		550	6	6	214	252	J	0.25
Phenanthrene		330	10	10	333	394	U	0.39
Anthracene		330	10	10	333	394	U	0.39
Di-n-butylphthalate		1500	10	10	333	394	U	0.39
Fluoranthene		330	10	10	333	394	U	0.39
Pyrene		330	12	12	393	464		0.46
Butylbenzylphthalate		1500	10	10	333	394	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	394	U	0.39
Benzo (a) anthracene		330	10	10	333	394	U	0.39
Chrysene		330	10	10	333	394	U	0.39
bis (2-Ethylhexyl) phthalate		1500	69	69	2284	2697		2.70
Di-n-octylphthalate		1500	10	10	333	394	U	0.39
Benzo (b) fluoranthene		330	10	10	333	394	U	0.39
Benzo (k) fluoranthene		330	10	10	333	394	U	0.39
Benzo (a) pyrene		330	10	10	333	394	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	394	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	394	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	394	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		41	41	25-121
Phenol-d6		41	41	24-113
Nitrobenzene-d5		59	59	23-120
2-Fluorobiphenyl		65	65	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		252	252	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount :	30
Lab Delivery Group:	URS111301	Lab Prep Date:	11/13/01
Lab Sample ID:	URS111301-16	Prep Method 1:	SW3550
Field Sample ID:	GCMS-Q-198	Prep Method 2:	
Date Sample Collected:	11/13/01	Lab Analysis Date:	11/17/01
Date Sample Received:	11/13/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS005	Percent Solids:	87
Data File Name:	SA04442	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL (ug/kg)	Raw Result (ug/L)	Wt. Corrected	Raw ug/kg	Final Result (ug/kg)	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	385	U	0.38
Phenol		550	10	10	333	385	U	0.38
2-Chlorophenol		550	10	10	333	385	U	0.38
1,3-Dichlorobenzene		330	10	10	333	385	U	0.38
1,4-Dichlorobenzene		330	10	10	333	385	U	0.38
1,2-Dichlorobenzene		330	10	10	333	385	U	0.38
Benzyl Alcohol		330	10	10	333	385	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	385	U	0.38
2-Methylphenol		550	10	10	333	385	U	0.38
Hexachloroethane		330	10	10	333	385	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	385	U	0.38
4-Methylphenol		550	10	10	333	385	U	0.38
Nitrobenzene		330	10	10	333	385	U	0.38
Isophorone		330	10	10	333	385	U	0.38
2-Nitrophenol		550	10	10	333	385	U	0.38
2,4-Dimethylphenol		550	10	10	333	385	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	385	U	0.38
2,4-Dichlorophenol		550	10	10	333	385	U	0.38
Benzoic Acid		330	10	10	333	385	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	385	U	0.38
Naphthalene		330	10	10	333	385	U	0.38
4-Chloroaniline		330	10	10	333	385	U	0.38
Hexachlorobutadiene		330	10	10	333	385	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	385	U	0.38
2-Methylnaphthalene		330	10	10	333	385	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	385	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	385	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	385	U	0.38
2-Chloronaphthalene		330	10	10	333	385	U	0.38
2-Nitroaniline		330	10	10	333	385	U	0.38
Acenaphthalene		330	10	10	333	385	U	0.38
Dimethylphthalate		1500	10	10	333	385	U	0.38
2,6-Dinitrotoluene		330	10	10	333	385	U	0.38
3-Nitroaniline		330	10	10	333	385	U	0.38
Acenaphthene		330	10	10	333	385	U	0.38
2,4-Dinitrophenol		550	10	10	333	385	U	0.38
Dibenzofuran		330	10	10	333	385	U	0.38
2,4-Dinitrotoluene		330	10	10	333	385	U	0.38
4-Nitrophenol		550	10	10	333	385	U	0.38
Fluorene		550	10	10	333	385	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	385	U	0.38
Diethylphthalate		1500	10	10	333	385	U	0.38
4-Nitroaniline		330	10	10	333	385	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	385	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	385	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	385	U	0.38
Hexachlorobenzene		330	10	10	333	385	U	0.38
Pentachlorophenol		550	10	10	333	385	U	0.38
Phenanthrene		330	10	10	333	385	U	0.38
Anthracene		330	10	10	333	385	U	0.38
Di-n-butylphthalate		1500	10	10	333	385	U	0.38
Fluoranthene		330	10	10	333	385	U	0.38
Pyrene		330	10	10	333	385	U	0.38
Butylbenzylphthalate		1500	10	10	333	385	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	385	U	0.38
Benzo (a) anthracene		330	10	10	333	385	U	0.38
Chrysene		330	10	10	333	385	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	385	U	0.38
Di-n-octylphthalate		1500	10	10	333	385	U	0.38
Benzo (b) fluoranthene		330	10	10	333	385	U	0.38
Benzo (k) fluoranthene		330	10	10	333	385	U	0.38
Benzo (a) pyrene		330	10	10	333	385	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	385	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	385	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	385	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		63	63	25-121
Phenol-d6		59	59	24-113
Nitrobenzene-d5		70	70	23-120
2-Fluorobiphenyl		72	72	30-115
2,4,6-Tribromophenol		83	83	19-122
Terphenyl-d14		70	70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-09DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-65	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	81
Lab Data File Name:	SA04519	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	41234	U	41.2
Phenol		550	10	10	333	41234	U	41.2
2-Chlorophenol		550	10	10	333	41234	U	41.2
1,3-Dichlorobenzene		330	10	10	333	41234	U	41.2
1,4-Dichlorobenzene		330	10	10	333	41234	U	41.2
1,2-Dichlorobenzene		330	10	10	333	41234	U	41.2
Benzyl Alcohol		330	10	10	333	41234	U	41.2
bis (2-Chloroisopropyl) ether		330	10	10	333	41234	U	41.2
2-Methylphenol		550	10	10	333	41234	U	41.2
Hexachloroethane		330	10	10	333	41234	U	41.2
N-Nitroso-di-n-propylamine		330	10	10	333	41234	U	41.2
4-Methylphenol		550	10	10	333	41234	U	41.2
Nitrobenzene		330	10	10	333	41234	U	41.2
Isophorone		330	10	10	333	41234	U	41.2
2-Nitrophenol		550	10	10	333	41234	U	41.2
2,4-Dimethylphenol		550	10	10	333	41234	U	41.2
bis (2-Chloroethoxy) methane		330	10	10	333	41234	U	41.2
2,4-Dichlorophenol		550	10	10	333	41234	U	41.2
Benzoic Acid		330	10	10	333	41234	U	41.2
1,2,4-Trichlorobenzene		330	10	10	333	41234	U	41.2
Naphthalene		330	10	10	333	41234	U	41.2
4-Chloroaniline		330	10	10	333	41234	U	41.2
Hexachlorobutadiene		330	10	10	333	41234	U	41.2
4-Chloro-3-methylphenol		330	10	10	333	41234	U	41.2
2-Methylnaphthalene		330	10	10	333	41234	U	41.2
Hexachlorocyclopentadiene		330	10	10	333	41234	U	41.2
2,4,6-Trichlorophenol		550	10	10	333	41234	U	41.2
2,4,5-Trichlorophenol		550	10	10	333	41234	U	41.2
2-Chloronaphthalene		330	10	10	333	41234	U	41.2
2-Nitroaniline		330	10	10	333	41234	U	41.2
Acenaphthalene		330	10	10	333	41234	U	41.2
Dimethylphthalate		1500	10	10	333	41234	U	41.2
2,6-Dinitrotoluene		330	10	10	333	41234	U	41.2
3-Nitroaniline		330	10	10	333	41234	U	41.2
Acenaphthene		330	10	10	333	41234	U	41.2
2,4-Dinitrophenol		550	10	10	333	41234	U	41.2
Dibenzofuran		330	10	10	333	41234	U	41.2
2,4-Dinitrotoluene		330	10	10	333	41234	U	41.2
4-Nitrophenol		550	10	10	333	41234	U	41.2
Fluorene		550	10	10	333	41234	U	41.2
4-Chlorophenyl-phenyl ether		330	10	10	333	41234	U	41.2
Diethylphthalate		1500	10	10	333	41234	U	41.2
4-Nitroaniline		330	10	10	333	41234	U	41.2
4,6-Dinitro-2-methylphenol		550	10	10	333	41234	U	41.2
N-Nitrosodiphenylamine		330	10	10	333	41234	U	41.2
4-Bromophenyl-phenylether		330	10	10	333	41234	U	41.2
Hexachlorobenzene		330	10	10	333	41234	U	41.2
Pentachlorophenol		550	10	10	333	41234	U	41.2
Phenanthrene		330	10	10	333	41234	U	41.2
Anthracene		330	10	10	333	41234	U	41.2
Di-n-butylphthalate		1500	10	10	333	41234	U	41.2
Fluoranthene		330	10	10	333	41234	U	41.2
Pyrene		330	10	10	333	41234	U	41.2
Butylbenzylphthalate		1500	10	10	333	41234	U	41.2
3,3-Dichlorobenzidine		330	10	10	333	41234	U	41.2
Benzo (a) anthracene		330	10	10	333	41234	U	41.2
Chrysene		330	10	10	333	41234	U	41.2
bis (2-Ethylhexyl) phthalate		1500	10	10	333	41234	U	41.2
Di-n-octylphthalate		1500	10	10	333	41234	U	41.2
Benzo (b) fluoranthene		330	10	10	333	41234	U	41.2
Benzo (k) fluoranthene		330	10	10	333	41234	U	41.2
Benzo (a) pyrene		330	10	10	333	41234	U	41.2
Indeno (1,2,3-cd) pyrene		330	10	10	333	41234	U	41.2
Dibenzo (a,h) anthracene		330	10	10	333	41234	U	41.2
Benzo (g,h,i) perylene		330	10	10	333	41234	U	41.2

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	10	25-121
Phenol-d6		0	10	24-113
Nitrobenzene-d5		0	36	23-120
2-Fluorobiphenyl		1	56	30-115
2,4,6-Tribromophenol		1	60	19-122
Terphenyl-d14		1	92	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-09	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-65	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	81
Lab Data File Name:	SA04489	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4123	U	4.1
Phenol		550	10	10	333	4123	U	4.1
2-Chlorophenol		550	10	10	333	4123	U	4.1
1,3-Dichlorobenzene		330	10	10	333	4123	U	4.1
1,4-Dichlorobenzene		330	10	10	333	4123	U	4.1
1,2-Dichlorobenzene		330	10	10	333	4123	U	4.1
Benzyl Alcohol		330	10	10	333	4123	U	4.1
bis (2-Chloroisopropyl) ether		330	10	10	333	4123	U	4.1
2-Methylphenol		550	10	10	333	4123	U	4.1
Hexachloroethane		330	10	10	333	4123	U	4.1
N-Nitroso-di-n-propylamine		330	10	10	333	4123	U	4.1
4-Methylphenol		550	10	10	333	4123	U	4.1
Nitrobenzene		330	10	10	333	4123	U	4.1
Isophorone		330	10	10	333	4123	U	4.1
2-Nitrophenol		550	10	10	333	4123	U	4.1
2,4-Dimethylphenol		550	10	10	333	4123	U	4.1
bis (2-Chloroethoxy) methane		330	10	10	333	4123	U	4.1
2,4-Dichlorophenol		550	10	10	333	4123	U	4.1
Benzoic Acid		330	10	10	333	4123	U	4.1
1,2,4-Trichlorobenzene		330	10	10	333	4123	U	4.1
Naphthalene		330	10	10	333	4123	U	4.1
4-Chloroaniline		**330**	**12**	**12**	**387**	**4787**		**4.8**
Hexachlorobutadiene		330	10	10	333	4123	U	4.1
4-Chloro-3-methylphenol		330	10	10	333	4123	U	4.1
2-Methylnaphthalene		330	10	10	333	4123	U	4.1
Hexachlorocyclopentadiene		330	10	10	333	4123	U	4.1
2,4,6-Trichlorophenol		550	10	10	333	4123	U	4.1
2,4,5-Trichlorophenol		550	10	10	333	4123	U	4.1
2-Chloronaphthalene		330	10	10	333	4123	U	4.1
2-Nitroaniline		330	10	10	333	4123	U	4.1
Acenaphthalene		330	10	10	333	4123	U	4.1
Dimethylphthalate		1500	10	10	333	4123	U	4.1
2,6-Dinitrotoluene		330	10	10	333	4123	U	4.1
3-Nitroaniline		330	10	10	333	4123	U	4.1
Acenaphthene		330	10	10	333	4123	U	4.1
2,4-Dinitrophenol		550	10	10	333	4123	U	4.1
Dibenzofuran		330	10	10	333	4123	U	4.1
2,4-Dinitrotoluene		330	10	10	333	4123	U	4.1
4-Nitrophenol		550	10	10	333	4123	U	4.1
Fluorene		550	10	10	333	4123	U	4.1
4-Chlorophenyl-phenyl ether		330	10	10	333	4123	U	4.1
Diethylphthalate		1500	10	10	333	4123	U	4.1
4-Nitroaniline		330	10	10	333	4123	U	4.1
4,6-Dinitro-2-methylphenol		550	10	10	333	4123	U	4.1
N-Nitrosodiphenylamine		330	10	10	333	4123	U	4.1
4-Bromophenyl-phenylether		330	10	10	333	4123	U	4.1
Hexachlorobenzene		330	10	10	333	4123	U	4.1
Pentachlorophenol		550	10	10	333	4123	U	4.1
Phenanthrene		330	10	10	333	4123	U	4.1
Anthracene		330	10	10	333	4123	U	4.1
Di-n-butylphthalate		1500	10	10	333	4123	U	4.1
Fluoranthene		330	10	10	333	4123	U	4.1
Pyrene		**330**	**15**	**15**	**509**	**6296**		**6.3**
Butylbenzylphthalate		1500	10	10	333	4123	U	4.1
3,3-Dichlorobenzidine		330	10	10	333	4123	U	4.1
Benzo (a) anthracene		330	10	10	333	4123	U	4.1
Chrysene		**330**	**6**	**6**	**199**	**2466**	**J**	**2.5**
bis (2-Ethylhexyl) phthalate		**1500**	**10**	**10**	**333**	**4119**	**J**	**4.1**
Di-n-octylphthalate		1500	10	10	333	4123	U	4.1
Benzo (b) fluoranthene		330	10	10	333	4123	U	4.1
Benzo (k) fluoranthene		330	10	10	333	4123	U	4.1
Benzo (a) pyrene		330	10	10	333	4123	U	4.1
Indeno (1,2,3-cd) pyrene		330	10	10	333	4123	U	4.1
Dibenzo (a,h) anthracene		330	10	10	333	4123	U	4.1
Benzo (g,h,i) perylene		330	10	10	333	4123	U	4.1

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		**4**	**44**	25-121
Phenol-d6		3	34	24-113
Nitrobenzene-d5		10	100	23-120
2-Fluorobiphenyl		8	80	30-115
2,4,6-Tribromophenol		11	112	19-122
Terphenyl-d14		49	491	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-08	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-60	Prep Method 2	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	78
Lab Data File Name:	SA04488	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	428.1	U	0.43
Phenol		550	10	10	333	428	U	0.43
2-Chlorophenol		550	10	10	333	428	U	0.43
1,3-Dichlorobenzene		330	10	10	333	428	U	0.43
1,4-Dichlorobenzene		330	10	10	333	428	U	0.43
1,2-Dichlorobenzene		330	10	10	333	428	U	0.43
Benzyl Alcohol		330	10	10	333	428	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	428	U	0.43
2-Methylphenol		550	10	10	333	428	U	0.43
Hexachloroethane		330	10	10	333	428	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	428	U	0.43
4-Methylphenol		550	10	10	333	428	U	0.43
Nitrobenzene		330	10	10	333	428	U	0.43
Isophorone		330	10	10	333	428	U	0.43
2-Nitrophenol		550	10	10	333	428	U	0.43
2,4-Dimethylphenol		550	10	10	333	428	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	428	U	0.43
2,4-Dichlorophenol		550	10	10	333	428	U	0.43
Benzoic Acid		330	10	10	333	428	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	428	U	0.43
Naphthalene		330	10	10	333	428	U	0.43
4-Chloroaniline		330	10	10	333	428	U	0.43
Hexachlorobutadiene		330	10	10	333	428	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	428	U	0.43
2-Methylnaphthalene		330	10	10	333	428	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	428	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	428	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	428	U	0.43
2-Chloronaphthalene		330	10	10	333	428	U	0.43
2-Nitroaniline		330	10	10	333	428	U	0.43
Acenaphthalene		330	10	10	333	428	U	0.43
Dimethylphthalate		1500	10	10	333	428	U	0.43
2,6-Dinitrotoluene		330	10	10	333	428	U	0.43
3-Nitroaniline		330	10	10	333	428	U	0.43
Acenaphthene		330	10	10	333	428	U	0.43
2,4-Dinitrophenol		550	10	10	333	428	U	0.43
Dibenzofuran		330	10	10	333	428	U	0.43
2,4-Dinitrotoluene		330	10	10	333	428	U	0.43
4-Nitrophenol		550	10	10	333	428	U	0.43
Fluorene		550	10	10	333	428	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	428	U	0.43
Diethylphthalate		1500	10	10	333	428	U	0.43
4-Nitroaniline		330	10	10	333	428	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	428	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	428	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	428	U	0.43
Hexachlorobenzene		330	10	10	333	428	U	0.43
Pentachlorophenol		550	10	10	333	428	U	0.43
Phenanthrene		330	10	10	333	428	U	0.43
Anthracene		330	10	10	333	428	U	0.43
Di-n-butylphthalate		1500	10	10	333	428	U	0.43
Fluoranthene		330	10	10	333	428	U	0.43
Pyrene		330	10	10	333	428	U	0.43
Butylbenzylphthalate		1500	10	10	333	428	U	0.43
3,3-Dichlorobenzidine		330	10	10	333	428	U	0.43
Benzo (a) anthracene		330	10	10	333	428	U	0.43
Chrysene		330	10	10	333	428	U	0.43
bis (2-Ethylhexyl) phthalate		1500	10	10	333	428	U	0.43
Di-n-octylphthalate		1500	10	10	333	428	U	0.43
Benzo (b) fluoranthene		330	10	10	333	428	U	0.43
Benzo (k) fluoranthene		330	10	10	333	428	U	0.43
Benzo (a) pyrene		330	10	10	333	428	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10	333	428	U	0.43
Dibenzo (a,h) anthracene		330	10	10	333	428	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	428	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		60	60	25-121
Phenol-d6		56	56	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		85	85	30-115
2,4,6-Tribromophenol		93	93	19-122
Terphenyl-d14		141	141	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-59	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	80
Lab Data File Name:	SA04487	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	419	U	0.42
Phenol		550	10	10	333	419	U	0.42
2-Chlorophenol		550	10	10	333	419	U	0.42
1,3-Dichlorobenzene		330	10	10	333	419	U	0.42
1,4-Dichlorobenzene		330	10	10	333	419	U	0.42
1,2-Dichlorobenzene		330	10	10	333	419	U	0.42
Benzyl Alcohol		330	10	10	333	419	U	0.42
bis (2-Chloroisopropyl) ether		330	10	10	333	419	U	0.42
2-Methylphenol		550	10	10	333	419	U	0.42
Hexachloroethane		330	10	10	333	419	U	0.42
N-Nitroso-di-n-propylamine		330	10	10	333	419	U	0.42
4-Methylphenol		550	10	10	333	419	U	0.42
Nitrobenzene		330	10	10	333	419	U	0.42
Isophorone		330	10	10	333	419	U	0.42
2-Nitrophenol		550	10	10	333	419	U	0.42
2,4-Dimethylphenol		550	10	10	333	419	U	0.42
bis (2-Chloroethoxy) methane		330	10	10	333	419	U	0.42
2,4-Dichlorophenol		550	10	10	333	419	U	0.42
Benzoic Acid		330	10	10	333	419	U	0.42
1,2,4-Trichlorobenzene		330	10	10	333	419	U	0.42
Naphthalene		330	10	10	333	419	U	0.42
4-Chloroaniline		330	10	10	333	419	U	0.42
Hexachlorobutadiene		330	10	10	333	419	U	0.42
4-Chloro-3-methylphenol		330	10	10	333	419	U	0.42
2-Methylnaphthalene		330	10	10	333	419	U	0.42
Hexachlorocyclopentadiene		330	10	10	333	419	U	0.42
2,4,6-Trichlorophenol		550	10	10	333	419	U	0.42
2,4,5-Trichlorophenol		550	10	10	333	419	U	0.42
2-Chloronaphthalene		330	10	10	333	419	U	0.42
2-Nitroaniline		330	10	10	333	419	U	0.42
Acenaphthalene		330	10	10	333	419	U	0.42
Dimethylphthalate		1500	10	10	333	419	U	0.42
2,6-Dinitrotoluene		330	10	10	333	419	U	0.42
3-Nitroaniline		330	10	10	333	419	U	0.42
Acenaphthene		330	10	10	333	419	U	0.42
2,4-Dinitrophenol		550	10	10	333	419	U	0.42
Dibenzofuran		330	10	10	333	419	U	0.42
2,4-Dinitrotoluene		330	10	10	333	419	U	0.42
4-Nitrophenol		550	10	10	333	419	U	0.42
Fluorene		550	10	10	333	419	U	0.42
4-Chlorophenyl-phenyl ether		330	10	10	333	419	U	0.42
Diethylphthalate		1500	10	10	333	419	U	0.42
4-Nitroaniline		330	10	10	333	419	U	0.42
4,6-Dinitro-2-methylphenol		550	10	10	333	419	U	0.42
N-Nitrosodiphenylamine		330	10	10	333	419	U	0.42
4-Bromophenyl-phenylether		330	10	10	333	419	U	0.42
Hexachlorobenzene		330	10	10	333	419	U	0.42
Pentachlorophenol		550	10	10	333	419	U	0.42
Phenanthrene		330	10	10	333	419	U	0.42
Anthracene		330	10	10	333	419	U	0.42
Di-n-butylphthalate		1500	10	10	333	419	U	0.42
Fluoranthene		330	10	10	333	419	U	0.42
Pyrene		330	10	10	333	419	U	0.42
Butylbenzylphthalate		1500	10	10	333	419	U	0.42
3,3-Dichlorobenzidine		330	10	10	333	419	U	0.42
Benzo (a) anthracene		330	10	10	333	419	U	0.42
Chrysene		330	10	10	333	419	U	0.42
bis (2-Ethylhexyl) phthalate		1500	10	10	333	419	U	0.42
Di-n-octylphthalate		1500	10	10	333	419	U	0.42
Benzo (b) fluoranthene		330	10	10	333	419	U	0.42
Benzo (k) fluoranthene		330	10	10	333	419	U	0.42
Benzo (a) pyrene		330	10	10	333	419	U	0.42
Indeno (1,2,3-cd) pyrene		330	10	10	333	419	U	0.42
Dibenzo (a,h) anthracene		330	10	10	333	419	U	0.42
Benzo (g,h,i) perylene		330	10	10	333	419	U	0.42

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		47	47	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		50	50	23-120
2-Fluorobiphenyl		67	67	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		106	106	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount *Final soil or sediment results reported on a dry weight basis*

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-66	Prep Method 2:	
Date Sample Collected	11/15/01	Lab Analysis Date.	11/07/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04490	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3978	U	4.0
Phenol		550	10	10	333	3978	U	4.0
2-Chlorophenol		550	10	10	333	3978	U	4.0
1,3-Dichlorobenzene		330	10	10	333	3978	U	4.0
1,4-Dichlorobenzene		330	10	10	333	3978	U	4.0
1,2-Dichlorobenzene		330	10	10	333	3978	U	4.0
Benzyl Alcohol		330	10	10	333	3978	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	3978	U	4.0
2-Methylphenol		550	10	10	333	3978	U	4.0
Hexachloroethane		330	10	10	333	3978	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	3978	U	4.0
4-Methylphenol		550	10	10	333	3978	U	4.0
Nitrobenzene		330	10	10	333	3978	U	4.0
Isophorone		330	10	10	333	3978	U	4.0
2-Nitrophenol		550	10	10	333	3978	U	4.0
2,4-Dimethylphenol		550	10	10	333	3978	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	3978	U	4.0
2,4-Dichlorophenol		550	10	10	333	3978	U	4.0
Benzoic Acid		330	10	10	333	3978	U	4.0
1,2,4-Trichlorobenzene		**330**	**10**	**10**	**324**	**3862**	**J**	**3.9**
Naphthalene		330	10	10	333	3978	U	4.0
4-Chloroaniline		330	10	10	333	3978	U	4.0
Hexachlorobutadiene		330	10	10	333	3978	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	3978	U	4.0
2-Methylnaphthalene		330	10	10	333	3978	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	3978	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	3978	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	3978	U	4.0
2-Chloronaphthalene		330	10	10	333	3978	U	4.0
2-Nitroaniline		330	10	10	333	3978	U	4.0
Acenaphthalene		330	10	10	333	3978	U	4.0
Dimethylphthalate		1500	10	10	333	3978	U	4.0
2,6-Dinitrotoluene		330	10	10	333	3978	U	4.0
3-Nitroaniline		330	10	10	333	3978	U	4.0
Acenaphthene		330	10	10	333	3978	U	4.0
2,4-Dinitrophenol		550	10	10	333	3978	U	4.0
Dibenzofuran		330	10	10	333	3978	U	4.0
2,4-Dinitrotoluene		330	10	10	333	3978	U	4.0
4-Nitrophenol		550	10	10	333	3978	U	4.0
Fluorene		550	10	10	333	3978	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	3978	U	4.0
Diethylphthalate		1500	10	10	333	3978	U	4.0
4-Nitroaniline		330	10	10	333	3978	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	3978	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	3978	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	3978	U	4.0
Hexachlorobenzene		330	10	10	333	3978	U	4.0
Pentachlorophenol		550	10	10	333	3978	U	4.0
Phenanthrene		330	10	10	333	3978	U	4.0
Anthracene		330	10	10	333	3978	U	4.0
Di-n-butylphthalate		1500	10	10	333	3978	U	4.0
Fluoranthene		330	10	10	333	3978	U	4.0
Pyrene		**330**	**68**	**68**	**2266**	**27041**		**27**
Butylbenzylphthalate		**1500**	**565**	**565**	**18845**	**224881**	**E**	**225**
3,3-Dichlorobenzidine		330	10	10	333	3978	U	4.0
Benzo (a) anthracene		**330**	**6**	**6**	**208**	**2482**	**J**	**2.5**
Chrysene		**330**	**17**	**17**	**563**	**6722**		**6.7**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3978	U	4.0
Di-n-octylphthalate		1500	10	10	333	3978	U	4.0
Benzo (b) fluoranthene		**330**	**5**	**5**	**167**	**1997**	**J**	**2.0**
Benzo (k) fluoranthene		330	10	10	333	3978	U	4.0
Benzo (a) pyrene		**330**	**6**	**6**	**186**	**2224**	**J**	**2.2**
Indeno (1,2,3-cd) pyrene		330	10	10	333	3978	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	3978	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	3978	U	4.0

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		117	25-121
Phenol-d6			24-113
Nitrobenzene-d5			23-120
2-Fluorobiphenyl			30-115
2,4,6-Tribromophenol			19-122
Terphenyl-d14		99	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-10DL	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-66	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04520	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	39777	U	40
Phenol		550	10	10	333	39777	U	40
2-Chlorophenol		550	10	10	333	39777	U	40
1,3-Dichlorobenzene		330	10	10	333	39777	U	40
1,4-Dichlorobenzene		330	10	10	333	39777	U	40
1,2-Dichlorobenzene		330	10	10	333	39777	U	40
Benzyl Alcohol		330	10	10	333	39777	U	40
bis (2-Chloroisopropyl) ether		330	10	10	333	39777	U	40
2-Methylphenol		550	10	10	333	39777	U	40
Hexachloroethane		330	10	10	333	39777	U	40
N-Nitroso-di-n-propylamine		330	10	10	333	39777	U	40
4-Methylphenol		550	10	10	333	39777	U	40
Nitrobenzene		330	10	10	333	39777	U	40
Isophorone		330	10	10	333	39777	U	40
2-Nitrophenol		550	10	10	333	39777	U	40
2,4-Dimethylphenol		550	10	10	333	39777	U	40
bis (2-Chloroethoxy) methane		330	10	10	333	39777	U	40
2,4-Dichlorophenol		550	10	10	333	39777	U	40
Benzoic Acid		330	10	10	333	39777	U	40
1,2,4-Trichlorobenzene		330	10	10	333	39777	U	40
Naphthalene		330	10	10	333	39777	U	40
4-Chloroaniline		330	10	10	333	39777	U	40
Hexachlorobutadiene		330	10	10	333	39777	U	40
4-Chloro-3-methylphenol		330	10	10	333	39777	U	40
2-Methylnaphthalene		330	10	10	333	39777	U	40
Hexachlorocyclopentadiene		330	10	10	333	39777	U	40
2,4,6-Trichlorophenol		550	10	10	333	39777	U	40
2,4,5-Trichlorophenol		550	10	10	333	39777	U	40
2-Chloronaphthalene		330	10	10	333	39777	U	40
2-Nitroaniline		330	10	10	333	39777	U	40
Acenaphthalene		330	10	10	333	39777	U	40
Dimethylphthalate		1500	10	10	333	39777	U	40
2,6-Dinitrotoluene		330	10	10	333	39777	U	40
3-Nitroaniline		330	10	10	333	39777	U	40
Acenaphthene		330	10	10	333	39777	U	40
2,4-Dinitrophenol		550	10	10	333	39777	U	40
Dibenzofuran		330	10	10	333	39777	U	40
2,4-Dinitrotoluene		330	10	10	333	39777	U	40
4-Nitrophenol		550	10	10	333	39777	U	40
Fluorene		550	10	10	333	39777	U	40
4-Chlorophenyl-phenyl ether		330	10	10	333	39777	U	40
Diethylphthalate		1500	10	10	333	39777	U	40
4-Nitroaniline		330	10	10	333	39777	U	40
4,6-Dinitro-2-methylphenol		550	10	10	333	39777	U	40
N-Nitrosodiphenylamine		330	10	10	333	39777	U	40
4-Bromophenyl-phenylether		330	10	10	333	39777	U	40
Hexachlorobenzene		330	10	10	333	39777	U	40
Pentachlorophenol		550	10	10	333	39777	U	40
Phenanthrene		330	10	10	333	39777	U	40
Anthracene		330	10	10	333	39777	U	40
Di-n-butylphthalate		1500	10	10	333	39777	U	40
Fluoranthene		330	10	10	333	39777	U	40
Pyrene		330	10	10	333	39777	U	40
Butylbenzylphthalate		1500	89	89	2962	353461		353
3,3-Dichlorobenzidine		330	10	10	333	39777	U	40
Benzo (a) anthracene		330	10	10	333	39777	U	40
Chrysene		330	10	10	333	39777	U	40
bis (2-Ethylhexyl) phthalate		1500	10	10	333	39777	U	40
Di-n-octylphthalate		1500	10	10	333	39777	U	40
Benzo (b) fluoranthene		330	10	10	333	39777	U	40
Benzo (k) fluoranthene		330	10	10	333	39777	U	40
Benzo (a) pyrene		330	10	10	333	39777	U	40
Indeno (1,2,3-cd) pyrene		330	10	10	333	39777	U	40
Dibenzo (a,h) anthracene		330	10	10	333	39777	U	40
Benzo (g,h,i) perylene		330	10	10	333	39777	U	40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	26	25-121
Phenol-d6		0	0	24-113
Nitrobenzene-d5		0	8	23-120
2-Fluorobiphenyl		1	64	30-115
2,4,6-Tribromophenol		1	66	19-122
Terphenyl-d14		2	168	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-11	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-164	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method	*SW8270C*	*Spike Amount:*	
Prep Batch Number	QCS007	Percent Solids:	80
Lab Data File Name	SA04493	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	416	U	0.42
Phenol		550	10	10	333	416	U	0.42
2-Chlorophenol		550	10	10	333	416	U	0.42
1,3-Dichlorobenzene		330	10	10	333	416	U	0.42
1,4-Dichlorobenzene		330	10	10	333	416	U	0.42
1,2-Dichlorobenzene		330	10	10	333	416	U	0.42
Benzyl Alcohol		330	10	10	333	416	U	0.42
bis (2-Chloroisopropyl) ether		330	10	10	333	416	U	0.42
2-Methylphenol		550	10	10	333	416	U	0.42
Hexachloroethane		330	10	10	333	416	U	0.42
N-Nitroso-di-n-propylamine		330	10	10	333	416	U	0.42
4-Methylphenol		550	10	10	333	416	U	0.42
Nitrobenzene		330	10	10	333	416	U	0.42
Isophorone		330	10	10	333	416	U	0.42
2-Nitrophenol		550	10	10	333	416	U	0.42
2,4-Dimethylphenol		550	10	10	333	416	U	0.42
bis (2-Chloroethoxy) methane		330	10	10	333	416	U	0.42
2,4-Dichlorophenol		550	10	10	333	416	U	0.42
Benzoic Acid		330	10	10	333	416	U	0.42
1,2,4-Trichlorobenzene		330	10	10	333	416	U	0.42
Naphthalene		330	10	10	333	416	U	0.42
4-Chloroaniline		330	10	10	333	416	U	0.42
Hexachlorobutadiene		330	10	10	333	416	U	0.42
4-Chloro-3-methylphenol		330	10	10	333	416	U	0.42
2-Methylnaphthalene		330	10	10	333	416	U	0.42
Hexachlorocyclopentadiene		330	10	10	333	416	U	0.42
2,4,6-Trichlorophenol		550	10	10	333	416	U	0.42
2,4,5-Trichlorophenol		550	10	10	333	416	U	0.42
2-Chloronaphthalene		330	10	10	333	416	U	0.42
2-Nitroaniline		330	10	10	333	416	U	0.42
Acenaphthalene		330	10	10	333	416	U	0.42
Dimethylphthalate		1500	10	10	333	416	U	0.42
2,6-Dinitrotoluene		330	10	10	333	416	U	0.42
3-Nitroaniline		330	10	10	333	416	U	0.42
Acenaphthene		330	10	10	333	416	U	0.42
2,4-Dinitrophenol		550	10	10	333	416	U	0.42
Dibenzofuran		330	10	10	333	416	U	0.42
2,4-Dinitrotoluene		330	10	10	333	416	U	0.42
4-Nitrophenol		550	10	10	333	416	U	0.42
Fluorene		550	10	10	333	416	U	0.42
4-Chlorophenyl-phenyl ether		330	10	10	333	416	U	0.42
Diethylphthalate		1500	10	10	333	416	U	0.42
4-Nitroaniline		330	10	10	333	416	U	0.42
4,6-Dinitro-2-methylphenol		550	10	10	333	416	U	0.42
N-Nitrosodiphenylamine		330	10	10	333	416	U	0.42
4-Bromophenyl-phenylether		330	10	10	333	416	U	0.42
Hexachlorobenzene		330	10	10	333	416	U	0.42
Pentachlorophenol		550	10	10	333	416	U	0.42
Phenanthrene		330	6	6	201	251	J	0.25
Anthracene		330	10	10	333	416	U	0.42
Di-n-butylphthalate		1500	10	10	333	416	U	0.42
Fluoranthene		330	21	21	690	862		0.86
Pyrene		330	77	77	2575	3214		3.21
Butylbenzylphthalate		1500	73	73	2446	3053		3.05
3,3-Dichlorobenzidine		330	10	10	333	416	U	0.42
Benzo (a) anthracene		330	10	10	317	395	J	0.40
Chrysene		330	17	17	581	725		0.73
bis (2-Ethylhexyl) phthalate		1500	6	6	216	270	J	0.27
Di-n-octylphthalate		1500	10	10	333	416	U	0.42
Benzo (b) fluoranthene		330	10	10	333	416	U	0.42
Benzo (k) fluoranthene		330	10	10	333	416	U	0.42
Benzo (a) pyrene		330	10	10	333	416	U	0.42
Indeno (1,2,3-cd) pyrene		330	10	10	333	416	U	0.42
Dibenzo (a,h) anthracene		330	10	10	333	416	U	0.42
Benzo (g,h,i) perylene		330	10	10	333	416	U	0.42

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34	34	25-121
Phenol-d6		31	31	24-113
Nitrobenzene-d5		44	44	23-120
2-Fluorobiphenyl		52	52	30-115
2,4,6-Tribromophenol		70	70	19-122
Terphenyl-d14		336	336	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID.	URS111501-12	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-165	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	82
Lab Data File Name:	SA04494	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	407	U	0.41
Phenol		550	10	10	333	407	U	0.41
2-Chlorophenol		550	10	10	333	407	U	0.41
1,3-Dichlorobenzene		330	10	10	333	407	U	0.41
1,4-Dichlorobenzene		330	10	10	333	407	U	0.41
1,2-Dichlorobenzene		330	10	10	333	407	U	0.41
Benzyl Alcohol		330	10	10	333	407	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	407	U	0.41
2-Methylphenol		550	10	10	333	407	U	0.41
Hexachloroethane		330	10	10	333	407	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	407	U	0.41
4-Methylphenol		550	10	10	333	407	U	0.41
Nitrobenzene		330	10	10	333	407	U	0.41
Isophorone		330	10	10	333	407	U	0.41
2-Nitrophenol		550	10	10	333	407	U	0.41
2,4-Dimethylphenol		550	10	10	333	407	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	407	U	0.41
2,4-Dichlorophenol		550	10	10	333	407	U	0.41
Benzoic Acid		330	10	10	333	407	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	407	U	0.41
Naphthalene		330	10	10	333	407	U	0.41
4-Chloroaniline		330	10	10	333	407	U	0.41
Hexachlorobutadiene		330	10	10	333	407	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	407	U	0.41
2-Methylnaphthalene		330	10	10	333	407	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	407	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	407	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	407	U	0.41
2-Chloronaphthalene		330	10	10	333	407	U	0.41
2-Nitroaniline		330	10	10	333	407	U	0.41
Acenaphthalene		330	10	10	333	407	U	0.41
Dimethylphthalate		1500	10	10	333	407	U	0.41
2,6-Dinitrotoluene		330	10	10	333	407	U	0.41
3-Nitroaniline		330	10	10	333	407	U	0.41
Acenaphthene		330	10	10	333	407	U	0.41
2,4-Dinitrophenol		550	10	10	333	407	U	0.41
Dibenzofuran		330	10	10	333	407	U	0.41
2,4-Dinitrotoluene		330	10	10	333	407	U	0.41
4-Nitrophenol		550	10	10	333	407	U	0.41
Fluorene		550	10	10	333	407	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	407	U	0.41
Diethylphthalate		1500	10	10	333	407	U	0.41
4-Nitroaniline		330	10	10	333	407	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	407	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	407	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	407	U	0.41
Hexachlorobenzene		330	10	10	333	407	U	0.41
Pentachlorophenol		550	10	10	333	407	U	0.41
Phenanthrene		330	10	10	333	407	U	0.41
Anthracene		330	10	10	333	407	U	0.41
Di-n-butylphthalate		1500	10	10	333	407	U	0.41
Fluoranthene		330	12	12	400	489		0.49
Pyrene		330	25	25	840	1027		1.03
Butylbenzylphthalate		1500	10	10	333	407	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	407	U	0.41
Benzo (a) anthracene		330	5	5	183	224	J	0.22
Chrysene		330	10	10	335	409		0.41
bis (2-Ethylhexyl) phthalate		1500	9	9	292	356	J	0.36
Di-n-octylphthalate		1500	10	10	333	407	U	0.41
Benzo (b) fluoranthene		330	10	10	333	407	U	0.41
Benzo (k) fluoranthene		330	10	10	333	407	U	0.41
Benzo (a) pyrene		330	10	10	333	407	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	407	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	407	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	407	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43	43	25-121
Phenol-d6		40	40	24-113
Nitrobenzene-d5		56	56	23-120
2-Fluorobiphenyl		65	65	30-115
2,4,6-Tribromophenol		83	83	19-122
Terphenyl-d14		205	205	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date	11/16/01
Lab Sample ID:	URS111501-13	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-166	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type.	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	94
Lab Data File Name:	SA04495	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	355	U	0.35
Phenol		550	10	10	333	355	U	0.35
2-Chlorophenol		550	10	10	333	355	U	0.35
1,3-Dichlorobenzene		330	10	10	333	355	U	0.35
1,4-Dichlorobenzene		330	10	10	333	355	U	0.35
1,2-Dichlorobenzene		330	10	10	333	355	U	0.35
Benzyl Alcohol		330	10	10	333	355	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	355	U	0.35
2-Methylphenol		550	10	10	333	355	U	0.35
Hexachloroethane		330	10	10	333	355	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	355	U	0.35
4-Methylphenol		550	10	10	333	355	U	0.35
Nitrobenzene		330	10	10	333	355	U	0.35
Isophorone		330	10	10	333	355	U	0.35
2-Nitrophenol		550	10	10	333	355	U	0.35
2,4-Dimethylphenol		550	10	10	333	355	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	355	U	0.35
2,4-Dichlorophenol		550	10	10	333	355	U	0.35
Benzoic Acid		330	10	10	333	355	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	355	U	0.35
Naphthalene		330	10	10	333	355	U	0.35
4-Chloroaniline		330	10	10	333	355	U	0.35
Hexachlorobutadiene		330	10	10	333	355	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	355	U	0.35
2-Methylnaphthalene		330	10	10	333	355	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	355	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	355	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	355	U	0.35
2-Chloronaphthalene		330	10	10	333	355	U	0.35
2-Nitroaniline		330	10	10	333	355	U	0.35
Acenaphthalene		330	10	10	333	355	U	0.35
Dimethylphthalate		1500	10	10	333	355	U	0.35
2,6-Dinitrotoluene		330	10	10	333	355	U	0.35
3-Nitroaniline		330	10	10	333	355	U	0.35
Acenaphthene		330	10	10	333	355	U	0.35
2,4-Dinitrophenol		550	10	10	333	355	U	0.35
Dibenzofuran		330	10	10	333	355	U	0.35
2,4-Dinitrotoluene		330	10	10	333	355	U	0.35
4-Nitrophenol		550	10	10	333	355	U	0.35
Fluorene		550	10	10	333	355	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	355	U	0.35
Diethylphthalate		1500	10	10	333	355	U	0.35
4-Nitroaniline		330	10	10	333	355	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	355	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	355	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	355	U	0.35
Hexachlorobenzene		330	10	10	333	355	U	0.35
Pentachlorophenol		550	10	10	333	355	U	0.35
Phenanthrene		330	10	10	333	355	U	0.35
Anthracene		330	10	10	333	355	U	0.35
Di-n-butylphthalate		1500	10	10	333	355	U	0.35
Fluoranthene		330	10	10	333	355	U	0.35
Pyrene		330	10	10	333	355	U	0.35
Butylbenzylphthalate		1500	10	10	333	355	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	355	U	0.35
Benzo (a) anthracene		330	10	10	333	355	U	0.35
Chrysene		330	10	10	333	355	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	355	U	0.35
Di-n-octylphthalate		1500	10	10	333	355	U	0.35
Benzo (b) fluoranthene		330	10	10	333	355	U	0.35
Benzo (k) fluoranthene		330	10	10	333	355	U	0.35
Benzo (a) pyrene		330	10	10	333	355	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	355	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	355	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	355	U	0.35

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		52	52	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		53	53	23-120
2-Fluorobiphenyl		61	61	30-115
2,4,6-Tribromophenol		85	85	19-122
Terphenyl-d14		82	82	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS1115-14	Prep Method 1:	SW3050
Field Sample ID.	GCMS-Q-227	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date.	11/19/01
Date Sample Received	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	93
Lab Data File Name:	SA04496	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	357	U	0.36
Phenol		550	10	10	333	357	U	0.36
2-Chlorophenol		550	10	10	333	357	U	0.36
1,3-Dichlorobenzene		330	10	10	333	357	U	0.36
1,4-Dichlorobenzene		330	10	10	333	357	U	0.36
1,2-Dichlorobenzene		330	10	10	333	357	U	0.36
Benzyl Alcohol		330	10	10	333	357	U	0.36
bis (2-Chloroisopropyl) ether		330	10	10	333	357	U	0.36
2-Methylphenol		550	10	10	333	357	U	0.36
Hexachloroethane		330	10	10	333	357	U	0.36
N-Nitroso-di-n-propylamine		330	10	10	333	357	U	0.36
4-Methylphenol		550	10	10	333	357	U	0.36
Nitrobenzene		330	10	10	333	357	U	0.36
Isophorone		330	10	10	333	357	U	0.36
2-Nitrophenol		550	10	10	333	357	U	0.36
2,4-Dimethylphenol		550	10	10	333	357	U	0.36
bis (2-Chloroethoxy) methane		330	10	10	333	357	U	0.36
2,4-Dichlorophenol		550	10	10	333	357	U	0.36
Benzoic Acid		330	10	10	333	357	U	0.36
1,2,4-Trichlorobenzene		330	10	10	333	357	U	0.36
Naphthalene		330	10	10	333	357	U	0.36
4-Chloroaniline		330	10	10	333	357	U	0.36
Hexachlorobutadiene		330	10	10	333	357	U	0.36
4-Chloro-3-methylphenol		330	10	10	333	357	U	0.36
2-Methylnaphthalene		330	10	10	333	357	U	0.36
Hexachlorocyclopentadiene		330	10	10	333	357	U	0.36
2,4,6-Trichlorophenol		550	10	10	333	357	U	0.36
2,4,5-Trichlorophenol		550	10	10	333	357	U	0.36
2-Chloronaphthalene		330	10	10	333	357	U	0.36
2-Nitroaniline		330	10	10	333	357	U	0.36
Acenaphthalene		330	10	10	333	357	U	0.36
Dimethylphthalate		1500	10	10	333	357	U	0.36
2,6-Dinitrotoluene		330	10	10	333	357	U	0.36
3-Nitroaniline		330	10	10	333	357	U	0.36
Acenaphthene		330	10	10	333	357	U	0.36
2,4-Dinitrophenol		550	10	10	333	357	U	0.36
Dibenzofuran		330	10	10	333	357	U	0.36
2,4-Dinitrotoluene		330	10	10	333	357	U	0.36
4-Nitrophenol		550	10	10	333	357	U	0.36
Fluorene		550	10	10	333	357	U	0.36
4-Chlorophenyl-phenyl ether		330	10	10	333	357	U	0.36
Diethylphthalate		1500	10	10	333	357	U	0.36
4-Nitroaniline		330	10	10	333	357	U	0.36
4,6-Dinitro-2-methylphenol		550	10	10	333	357	U	0.36
N-Nitrosodiphenylamine		330	10	10	333	357	U	0.36
4-Bromophenyl-phenylether		330	10	10	333	357	U	0.36
Hexachlorobenzene		330	10	10	333	357	U	0.36
Pentachlorophenol		550	10	10	333	357	U	0.36
Phenanthrene		330	10	10	333	357	U	0.36
Anthracene		330	10	10	333	357	U	0.36
Di-n-butylphthalate		1500	10	10	333	357	U	0.36
Fluoranthene		330	10	10	333	357	U	0.36
Pyrene		330	10	10	333	357	U	0.36
Butylbenzylphthalate		1500	10	10	333	357	U	0.36
3,3-Dichlorobenzidine		330	10	10	333	357	U	0.36
Benzo (a) anthracene		330	10	10	333	357	U	0.36
Chrysene		330	10	10	333	357	U	0.36
bis (2-Ethylhexyl) phthalate		1500	10	10	333	357	U	0.36
Di-n-octylphthalate		1500	10	10	333	357	U	0.36
Benzo (b) fluoranthene		330	10	10	333	357	U	0.36
Benzo (k) fluoranthene		330	10	10	333	357	U	0.36
Benzo (a) pyrene		330	10	10	333	357	U	0.36
Indeno (1,2,3-cd) pyrene		330	10	10	333	357	U	0.36
Dibenzo (a,h) anthracene		330	10	10	333	357	U	0.36
Benzo (g,h,i) perylene		330	10	10	333	357	U	0.36

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		38	38	25-121
Phenol-d6		38	38	24-113
Nitrobenzene-d5		39	39	23-120
2-Fluorobiphenyl		47	47	30-115
2,4,6-Tribromophenol		97	97	19-122
Terphenyl-d14		78	78	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-15	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-228	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	95
Lab Data File Name:	SA04499	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	349	U	0.35
Phenol		550	10	10	333	349	U	0.35
2-Chlorophenol		550	10	10	333	349	U	0.35
1,3-Dichlorobenzene		330	10	10	333	349	U	0.35
1,4-Dichlorobenzene		330	10	10	333	349	U	0.35
1,2-Dichlorobenzene		330	10	10	333	349	U	0.35
Benzyl Alcohol		330	10	10	333	349	U	0.35
bis (2-Chloroisopropyl) ether		330	10	10	333	349	U	0.35
2-Methylphenol		550	10	10	333	349	U	0.35
Hexachloroethane		330	10	10	333	349	U	0.35
N-Nitroso-di-n-propylamine		330	10	10	333	349	U	0.35
4-Methylphenol		550	10	10	333	349	U	0.35
Nitrobenzene		330	10	10	333	349	U	0.35
Isophorone		330	10	10	333	349	U	0.35
2-Nitrophenol		550	10	10	333	349	U	0.35
2,4-Dimethylphenol		550	10	10	333	349	U	0.35
bis (2-Chloroethoxy) methane		330	10	10	333	349	U	0.35
2,4-Dichlorophenol		550	10	10	333	349	U	0.35
Benzoic Acid		330	10	10	333	349	U	0.35
1,2,4-Trichlorobenzene		330	10	10	333	349	U	0.35
Naphthalene		330	10	10	333	349	U	0.35
4-Chloroaniline		330	10	10	333	349	U	0.35
Hexachlorobutadiene		330	10	10	333	349	U	0.35
4-Chloro-3-methylphenol		330	10	10	333	349	U	0.35
2-Methylnaphthalene		330	10	10	333	349	U	0.35
Hexachlorocyclopentadiene		330	10	10	333	349	U	0.35
2,4,6-Trichlorophenol		550	10	10	333	349	U	0.35
2,4,5-Trichlorophenol		550	10	10	333	349	U	0.35
2-Chloronaphthalene		330	10	10	333	349	U	0.35
2-Nitroaniline		330	10	10	333	349	U	0.35
Acenaphthalene		330	10	10	333	349	U	0.35
Dimethylphthalate		1500	10	10	333	349	U	0.35
2,6-Dinitrotoluene		330	10	10	333	349	U	0.35
3-Nitroanliine		330	10	10	333	349	U	0.35
Acenaphthene		330	10	10	333	349	U	0.35
2,4-Dinitrophenol		550	10	10	333	349	U	0.35
Dibenzofuran		330	10	10	333	349	U	0.35
2,4-Dinitrotoluene		330	10	10	333	349	U	0.35
4-Nitrophenol		550	10	10	333	349	U	0.35
Fluorene		550	10	10	333	349	U	0.35
4-Chlorophenyl-phenyl ether		330	10	10	333	349	U	0.35
Diethylphthalate		1500	10	10	333	349	U	0.35
4-Nitroaniline		330	10	10	333	349	U	0.35
4,6-Dinitro-2-methylphenol		550	10	10	333	349	U	0.35
N-Nitrosodiphenylamine		330	10	10	333	349	U	0.35
4-Bromophenyl-phenylether		330	10	10	333	349	U	0.35
Hexachlorobenzene		330	10	10	333	349	U	0.35
Pentachlorophenol		550	10	10	333	349	U	0.35
Phenanthrene		330	10	10	333	349	U	0.35
Anthracene		330	10	10	333	349	U	0.35
Di-n-butylphthalate		1500	10	10	333	349	U	0.35
Fluoranthene		330	10	10	333	349	U	0.35
Pyrene		330	10	10	333	349	U	0.35
Butylbenzylphthalate		1500	10	10	333	349	U	0.35
3,3-Dichlorobenzidine		330	10	10	333	349	U	0.35
Benzo (a) anthracene		330	10	10	333	349	U	0.35
Chrysene		330	10	10	333	349	U	0.35
bis (2-Ethylhexyl) phthalate		1500	10	10	333	349	U	0.35
Di-n-octylphthalate		1500	10	10	333	349	U	0.35
Benzo (b) fluoranthene		330	10	10	333	349	U	0.35
Benzo (k) fluoranthene		330	10	10	333	349	U	0.35
Benzo (a) pyrene		330	10	10	333	349	U	0.35
Indeno (1,2,3-cd) pyrene		330	10	10	333	349	U	0.35
Dibenzo (a,h) anthracene		330	10	10	333	349	U	0.35
Benzo (g,h,i) perylene		330	10	10	333	349	U	0.35

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		52	52	25-121
Phenol-d6		46	46	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		69	69	30-115
2,4,6-Tribromophenol		87	87	19-122
Terphenyl-d14		72	72	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-16	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-223	Prep Method 2:	
Date Sample Collected.	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	83
Lab Data File Name:	SA04500	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	402	U	0.40
Phenol		550	10	10	333	402	U	0.40
2-Chlorophenol		550	10	10	333	402	U	0.40
1,3-Dichlorobenzene		330	10	10	333	402	U	0.40
1,4-Dichlorobenzene		330	10	10	333	402	U	0.40
1,2-Dichlorobenzene		330	10	10	333	402	U	0.40
Benzyl Alcohol		330	10	10	333	402	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	402	U	0.40
2-Methylphenol		550	10	10	333	402	U	0.40
Hexachloroethane		330	10	10	333	402	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	402	U	0.40
4-Methylphenol		550	10	10	333	402	U	0.40
Nitrobenzene		330	10	10	333	402	U	0.40
Isophorone		330	10	10	333	402	U	0.40
2-Nitrophenol		550	10	10	333	402	U	0.40
2,4-Dimethylphenol		550	10	10	333	402	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	402	U	0.40
2,4-Dichlorophenol		550	10	10	333	402	U	0.40
Benzoic Acid		330	10	10	333	402	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	402	U	0.40
Naphthalene		330	10	10	333	402	U	0.40
4-Chloroaniline		330	10	10	333	402	U	0.40
Hexachlorobutadiene		330	10	10	333	402	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	402	U	0.40
2-Methylnaphthalene		330	10	10	333	402	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	402	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	402	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	402	U	0.40
2-Chloronaphthalene		330	10	10	333	402	U	0.40
2-Nitroaniline		330	10	10	333	402	U	0.40
Acenaphthalene		330	10	10	333	402	U	0.40
Dimethylphthalate		1500	10	10	333	402	U	0.40
2,6-Dinitrotoluene		330	10	10	333	402	U	0.40
3-Nitroaniline		330	10	10	333	402	U	0.40
Acenaphthene		330	10	10	333	402	U	0.40
2,4-Dinitrophenol		550	10	10	333	402	U	0.40
Dibenzofuran		330	10	10	333	402	U	0.40
2,4-Dinitrotoluene		330	10	10	333	402	U	0.40
4-Nitrophenol		550	10	10	333	402	U	0.40
Fluorene		550	10	10	333	402	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	402	U	0.40
Diethylphthalate		1500	10	10	333	402	U	0.40
4-Nitroaniline		330	10	10	333	402	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	402	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	402	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	402	U	0.40
Hexachlorobenzene		330	10	10	333	402	U	0.40
Pentachlorophenol		550	10	10	333	402	U	0.40
Phenanthrene		330	10	10	333	402	U	0.40
Anthracene		330	10	10	333	402	U	0.40
Di-n-butylphthalate		1500	10	10	333	402	U	0.40
Fluoranthene		330	10	10	333	402	U	0.40
Pyrene		330	10	10	333	402	U	0.40
Butylbenzylphthalate		1500	10	10	333	402	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	402	U	0.40
Benzo (a) anthracene		330	10	10	333	402	U	0.40
Chrysene		330	10	10	333	402	U	0.40
bis (2-Ethylhexyl) phthalate		1500	10	10	333	402	U	0.40
Di-n-octylphthalate		1500	10	10	333	402	U	0.40
Benzo (b) fluoranthene		330	10	10	333	402	U	0.40
Benzo (k) fluoranthene		330	10	10	333	402	U	0.40
Benzo (a) pyrene		330	10	10	333	402	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	402	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	402	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	402	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		61	61	25-121
Phenol-d6		54	54	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		65	65	30-115
2,4,6-Tribromophenol		94	94	19-122
Terphenyl-d14		73	73	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-17	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-212	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04505	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	396	U	0.40
Phenol		550	10	10	333	396	U	0.40
2-Chlorophenol		550	10	10	333	396	U	0.40
1,3-Dichlorobenzene		330	10	10	333	396	U	0.40
1,4-Dichlorobenzene		330	10	10	333	396	U	0.40
1,2-Dichlorobenzene		330	10	10	333	396	U	0.40
Benzyl Alcohol		330	10	10	333	396	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	396	U	0.40
2-Methylphenol		550	10	10	333	396	U	0.40
Hexachloroethane		330	10	10	333	396	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	396	U	0.40
4-Methylphenol		550	10	10	333	396	U	0.40
Nitrobenzene		330	10	10	333	396	U	0.40
Isophorone		330	10	10	333	396	U	0.40
2-Nitrophenol		550	10	10	333	396	U	0.40
2,4-Dimethylphenol		550	10	10	333	396	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	396	U	0.40
2,4-Dichlorophenol		550	10	10	333	396	U	0.40
Benzoic Acid		330	10	10	333	396	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	396	U	0.40
Naphthalene		330	10	10	333	396	U	0.40
4-Chloroaniline		330	10	10	333	396	U	0.40
Hexachlorobutadiene		330	10	10	333	396	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	396	U	0.40
2-Methylnaphthalene		330	10	10	333	396	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	396	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	396	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	396	U	0.40
2-Chloronaphthalene		330	10	10	333	396	U	0.40
2-Nitroaniline		330	10	10	333	396	U	0.40
Acenaphthalene		330	10	10	333	396	U	0.40
Dimethylphthalate		1500	10	10	333	396	U	0.40
2,6-Dinitrotoluene		330	10	10	333	396	U	0.40
3-Nitroaniline		330	10	10	333	396	U	0.40
Acenaphthene		330	10	10	333	396	U	0.40
2,4-Dinitrophenol		550	10	10	333	396	U	0.40
Dibenzofuran		330	10	10	333	396	U	0.40
2,4-Dinitrotoluene		330	10	10	333	396	U	0.40
4-Nitrophenol		550	10	10	333	396	U	0.40
Fluorene		550	10	10	333	396	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	396	U	0.40
Diethylphthalate		1500	10	10	333	396	U	0.40
4-Nitroaniline		330	10	10	333	396	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	396	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	396	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	396	U	0.40
Hexachlorobenzene		330	10	10	333	396	U	0.40
Pentachlorophenol		550	10	10	333	396	U	0.40
Phenanthrene		330	10	10	333	396	U	0.40
Anthracene		330	10	10	333	396	U	0.40
Di-n-butylphthalate		1500	10	10	333	396	U	0.40
Fluoranthene		330	10	10	333	396	U	0.40
Pyrene		330	10	10	333	396	U	0.40
Butylbenzylphthalate		1500	10	10	333	396	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	396	U	0.40
Benzo (a) anthracene		330	10	10	333	396	U	0.40
Chrysene		330	10	10	333	396	U	0.40
bis (2-Ethylhexyl) phthalate		1500	10	10	333	396	U	0.40
Di-n-octylphthalate		1500	10	10	333	396	U	0.40
Benzo (b) fluoranthene		330	10	10	333	396	U	0.40
Benzo (k) fluoranthene		330	10	10	333	396	U	0.40
Benzo (a) pyrene		330	10	10	333	396	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	396	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	396	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	396	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		62	62	25-121
Phenol-d6		53	53	24-113
Nitrobenzene-d5		63	63	23-120
2-Fluorobiphenyl		66	66	30-115
2,4,6-Tribromophenol		84	84	19-122
Terphenyl-d14		70	70	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID.	URS111501-18	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-102	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date.	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	76
Lab Data File Name:	SA04506	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	437	U	0.4
Phenol		550	10	10	333	437	U	0.4
2-Chlorophenol		550	10	10	333	437	U	0.4
1,3-Dichlorobenzene		330	10	10	333	437	U	0.4
1,4-Dichlorobenzene		330	63	63	2091	2742		2.7
1,2-Dichlorobenzene		330	11	11	375	492		0.5
Benzyl Alcohol		330	10	10	333	437	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	437	U	0.4
2-Methylphenol		550	10	10	333	437	U	0.4
Hexachloroethane		330	10	10	333	437	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	437	U	0.4
4-Methylphenol		550	10	10	333	437	U	0.4
Nitrobenzene		330	10	10	333	437	U	0.4
Isophorone		330	10	10	333	437	U	0.4
2-Nitrophenol		550	10	10	333	437	U	0.4
2,4-Dimethylphenol		550	10	10	333	437	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	437	U	0.4
2,4-Dichlorophenol		550	10	10	333	437	U	0.4
Benzoic Acid		330	10	10	333	437	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	437	U	0.4
Naphthalene		330	10	10	333	437	U	0.4
4-Chloroaniline		330	64	64	2135	2800		2.8
Hexachlorobutadiene		330	10	10	333	437	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	437	U	0.4
2-Methylnaphthalene		330	10	10	333	437	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	437	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	437	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	437	U	0.4
2-Chloronaphthalene		330	10	10	333	437	U	0.4
2-Nitroaniline		330	10	10	333	437	U	0.4
Acenaphthalene		330	10	10	333	437	U	0.4
Dimethylphthalate		1500	10	10	333	437	U	0.4
2,6-Dinitrotoluene		330	10	10	333	437	U	0.4
3-Nitroaniline		330	10	10	333	437	U	0.4
Acenaphthene		330	10	10	333	437	U	0.4
2,4-Dinitrophenol		550	10	10	333	437	U	0.4
Dibenzofuran		330	10	10	333	437	U	0.4
2,4-Dinitrotoluene		330	10	10	333	437	U	0.4
4-Nitrophenol		550	10	10	333	437	U	0.4
Fluorene		550	10	10	333	437	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10	333	437	U	0.4
Diethylphthalate		1500	10	10	333	437	U	0.4
4-Nitroanliine		330	10	10	333	437	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	437	U	0.4
N-Nitrosodiphenylamine		330	9	9	312	409	J	0.4
4-Bromophenyl-phenylether		330	10	10	333	437	U	0.4
Hexachlorobenzene		330	10	10	333	437	U	0.4
Pentachlorophenol		550	10	10	333	437	U	0.4
Phenanthrene		330	10	10	333	437	U	0.4
Anthracene		330	10	10	333	437	U	0.4
Di-n-butylphthalate		1500	10	10	333	437	U	0.4
Fluoranthene		330	10	10	333	437	U	0.4
Pyrene		330	10	10	333	437	U	0.4
Butylbenzylphthalate		1500	10	10	333	437	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	437	U	0.4
Benzo (a) anthracene		330	10	10	333	437	U	0.4
Chrysene		330	10	10	333	437	U	0.4
bis (2-Ethylhexyl) phthalate		1500	4591	4591	153032	200697	E	201
Di-n-octylphthalate		1500	10	10	333	437	U	0.4
Benzo (b) fluoranthene		330	10	10	333	437	U	0.4
Benzo (k) fluoranthene		330	10	10	333	437	U	0.4
Benzo (a) pyrene		330	10	10	333	437	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10	333	437	U	0.4
Dibenzo (a,h) anthracene		330	10	10	333	437	U	0.4
Benzo (g,h,i) perylene		330	10	10	333	437	U	0.4

SURROGATES	CAS Number	% REC	Soil
2-Fluorophenol		117	25-121
Phenol-d6			24-113
Nitrobenzene-d5			23-120
2-Fluorobiphenyl			30-115
2,4,6-Tribromophenol			19-122
Terphenyl-d14		99	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group	URS111501	Lab Prep Date	11/16/01
Lab Sample ID:	URS111501-18DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-102	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	76
Lab Data File Name:	SA04552	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	21858	U	22
Phenol		550	10	10	333	21858	U	22
2-Chlorophenol		550	10	10	333	21858	U	22
1,3-Dichlorobenzene		330	10	10	333	21858	U	22
1,4-Dichlorobenzene		330	10	10	333	21858	U	22
1,2-Dichlorobenzene		330	10	10	333	21858	U	22
Benzyl Alcohol		330	10	10	333	21858	U	22
bis (2-Chloroisopropyl) ether		330	10	10	333	21858	U	22
2-Methylphenol		550	10	10	333	21858	U	22
Hexachloroethane		330	10	10	333	21858	U	22
N-Nitroso-di-n-propylamine		330	10	10	333	21858	U	22
4-Methylphenol		550	10	10	333	21858	U	22
Nitrobenzene		330	10	10	333	21858	U	22
Isophorone		330	10	10	333	21858	U	22
2-Nitrophenol		550	10	10	333	21858	U	22
2,4-Dimethylphenol		550	10	10	333	21858	U	22
bis (2-Chloroethoxy) methane		330	10	10	333	21858	U	22
2,4-Dichlorophenol		550	10	10	333	21858	U	22
Benzoic Acid		330	10	10	333	21858	U	22
1,2,4-Trichlorobenzene		330	10	10	333	21858	U	22
Naphthalene		330	10	10	333	21858	U	22
4-Chloroaniline		330	10	10	333	21858	U	22
Hexachlorobutadiene		330	10	10	333	21858	U	22
4-Chloro-3-methylphenol		330	10	10	333	21858	U	22
2-Methylnaphthalene		330	10	10	333	21858	U	22
Hexachlorocyclopentadiene		330	10	10	333	21858	U	22
2,4,6-Trichlorophenol		550	10	10	333	21858	U	22
2,4,5-Trichlorophenol		550	10	10	333	21858	U	22
2-Chloronaphthalene		330	10	10	333	21858	U	22
2-Nitroaniline		330	10	10	333	21858	U	22
Acenaphthalene		330	10	10	333	21858	U	22
Dimethylphthalate		1500	10	10	333	21858	U	22
2,6-Dinitrotoluene		330	10	10	333	21858	U	22
3-Nitroaniline		330	10	10	333	21858	U	22
Acenaphthene		330	10	10	333	21858	U	22
2,4-Dinitrophenol		550	10	10	333	21858	U	22
Dibenzofuran		330	10	10	333	21858	U	22
2,4-Dinitrotoluene		330	10	10	333	21858	U	22
4-Nitrophenol		550	10	10	333	21858	U	22
Fluorene		550	10	10	333	21858	U	22
4-Chlorophenyl-phenyl ether		330	10	10	333	21858	U	22
Diethylphthalate		1500	10	10	333	21858	U	22
4-Nitroaniline		330	10	10	333	21858	U	22
4,6-Dinitro-2-methylphenol		550	10	10	333	21858	U	22
N-Nitrosodiphenylamine		330	10	10	333	21858	U	22
4-Bromophenyl-phenylether		330	10	10	333	21858	U	22
Hexachlorobenzene		330	10	10	333	21858	U	22
Pentachlorophenol		550	10	10	333	21858	U	22
Phenanthrene		330	10	10	333	21858	U	22
Anthracene		330	10	10	333	21858	U	22
Di-n-butylphthalate		1500	10	10	333	21858	U	22
Fluoranthene		330	10	10	333	21858	U	22
Pyrene		330	10	10	333	21858	U	22
Butylbenzylphthalate		1500	10	10	333	21858	U	22
3,3-Dichlorobenzidine		330	10	10	333	21858	U	22
Benzo (a) anthracene		330	10	10	333	21858	U	22
Chrysene		330	10	10	333	21858	U	22
bis (2-Ethylhexyl) phthalate		**1500**	**112**	**112**	**3744**	**245486**		**245**
Di-n-octylphthalate		1500	10	10	333	21858	U	22
Benzo (b) fluoranthene		330	10	10	333	21858	U	22
Benzo (k) fluoranthene		330	10	10	333	21858	U	22
Benzo (a) pyrene		330	10	10	333	21858	U	22
Indeno (1,2,3-cd) pyrene		330	10	10	333	21858	U	22
Dibenzo (a,h) anthracene		330	10	10	333	21858	U	22
Benzo (g,h,i) perylene		330	10	10	333	21858	U	22

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	1	25-121
Phenol-d6		0	0	24-113
Nitrobenzene-d5		0	2	23-120
2-Fluorobiphenyl		1	48	30-115
2,4,6-Tribromophenol		0	15	19-122
Terphenyl-d14		2	95	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/20/01
Lab Sample ID:	URS1115-19	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-211	Prep Method 2	
Date Sample Collected:	11/15/01	Lab Analysis Date.	11/28/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids.	87
Lab Data File Name:	SA04598	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	383	U	0.38
Phenol		550	10	10	333	383	U	0.38
2-Chlorophenol		550	10	10	333	383	U	0.38
1,3-Dichlorobenzene		330	10	10	333	383	U	0.38
1,4-Dichlorobenzene		330	10	10	333	383	U	0.38
1,2-Dichlorobenzene		330	10	10	333	383	U	0.38
Benzyl Alcohol		330	10	10	333	383	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	383	U	0.38
2-Methylphenol		550	10	10	333	383	U	0.38
Hexachloroethane		330	10	10	333	383	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	383	U	0.38
4-Methylphenol		550	10	10	333	383	U	0.38
Nitrobenzene		330	10	10	333	383	U	0.38
Isophorone		330	10	10	333	383	U	0.38
2-Nitrophenol		550	10	10	333	383	U	0.38
2,4-Dimethylphenol		550	10	10	333	383	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	383	U	0.38
2,4-Dichlorophenol		550	10	10	333	383	U	0.38
Benzoic Acid		330	10	10	333	383	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	383	U	0.38
Naphthalene		330	10	10	333	383	U	0.38
4-Chloroaniline		330	10	10	333	383	U	0.38
Hexachlorobutadiene		330	10	10	333	383	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	383	U	0.38
2-Methylnaphthalene		330	10	10	333	383	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	383	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	383	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	383	U	0.38
2-Chloronaphthalene		330	10	10	333	383	U	0.38
2-Nitroaniline		330	10	10	333	383	U	0.38
Acenaphthalene		330	10	10	333	383	U	0.38
Dimethylphthalate		1500	10	10	333	383	U	0.38
2,6-Dinitrotoluene		330	10	10	333	383	U	0.38
3-Nitroaniline		330	10	10	333	383	U	0.38
Acenaphthene		330	10	10	333	383	U	0.38
2,4-Dinitrophenol		550	10	10	333	383	U	0.38
Dibenzofuran		330	10	10	333	383	U	0.38
2,4-Dinitrotoluene		330	10	10	333	383	U	0.38
4-Nitrophenol		550	10	10	333	383	U	0.38
Fluorene		550	10	10	333	383	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	383	U	0.38
Diethylphthalate		1500	10	10	333	383	U	0.38
4-Nitroaniline		330	10	10	333	383	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	383	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	383	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	383	U	0.38
Hexachlorobenzene		330	10	10	333	383	U	0.38
Pentachlorophenol		550	10	10	333	383	U	0.38
Phenanthrene		330	10	10	333	383	U	0.38
Anthracene		330	10	10	333	383	U	0.38
Di-n-butylphthalate		1500	10	10	333	383	U	0.38
Fluoranthene		330	10	10	333	383	U	0.38
Pyrene		330	10	10	333	383	U	0.38
Butylbenzylphthalate		1500	10	10	333	383	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	383	U	0.38
Benzo (a) anthracene		330	10	10	333	383	U	0.38
Chrysene		330	10	10	333	383	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	383	U	0.38
Di-n-octylphthalate		1500	10	10	333	383	U	0.38
Benzo (b) fluoranthene		330	10	10	333	383	U	0.38
Benzo (k) fluoranthene		330	10	10	333	383	U	0.38
Benzo (a) pyrene		330	10	10	333	383	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	383	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	383	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	383	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43	43	25-121
Phenol-d6		41	41	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		61	61	30-115
2,4,6-Tribromophenol		62	62	19-122
Terphenyl-d14		88	88	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/20/01
Lab Sample ID:	URS111501-20	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-217	Prep Method 2:	
Date Sample Collected	11/15/01	Lab Analysis Date:	11/28/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	78
Lab Data File Name:	SA04613	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	429	U	0.43
Phenol		550	10	10	333	429	U	0.43
2-Chlorophenol		550	10	10	333	429	U	0.43
1,3-Dichlorobenzene		330	10	10	333	429	U	0.43
1,4-Dichlorobenzene		330	10	10	333	429	U	0.43
1,2-Dichlorobenzene		330	10	10	333	429	U	0.43
Benzyl Alcohol		330	10	10	333	429	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	429	U	0.43
2-Methylphenol		550	10	10	333	429	U	0.43
Hexachloroethane		330	10	10	333	429	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	429	U	0.43
4-Methylphenol		550	10	10	333	429	U	0.43
Nitrobenzene		330	10	10	333	429	U	0.43
Isophorone		330	10	10	333	429	U	0.43
2-Nitrophenol		550	10	10	333	429	U	0.43
2,4-Dimethylphenol		550	10	10	333	429	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	429	U	0.43
2,4-Dichlorophenol		550	10	10	333	429	U	0.43
Benzoic Acid		330	10	10	333	429	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	429	U	0.43
Naphthalene		330	10	10	333	429	U	0.43
4-Chloroaniline		330	10	10	333	429	U	0.43
Hexachlorobutadiene		330	10	10	333	429	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	429	U	0.43
2-Methylnaphthalene		330	10	10	333	429	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	429	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	429	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	429	U	0.43
2-Chloronaphthalene		330	10	10	333	429	U	0.43
2-Nitroaniline		330	10	10	333	429	U	0.43
Acenaphthalene		330	10	10	333	429	U	0.43
Dimethylphthalate		1500	10	10	333	429	U	0.43
2,6-Dinitrotoluene		330	10	10	333	429	U	0.43
3-Nitroaniline		330	10	10	333	429	U	0.43
Acenaphthene		330	10	10	333	429	U	0.43
2,4-Dinitrophenol		550	10	10	333	429	U	0.43
Dibenzofuran		330	10	10	333	429	U	0.43
2,4-Dinitrotoluene		330	10	10	333	429	U	0.43
4-Nitrophenol		550	10	10	333	429	U	0.43
Fluorene		550	10	10	333	429	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	429	U	0.43
Diethylphthalate		1500	10	10	333	429	U	0.43
4-Nitroaniline		330	10	10	333	429	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	429	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	429	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	429	U	0.43
Hexachlorobenzene		330	10	10	333	429	U	0.43
Pentachlorophenol		550	10	10	333	429	U	0.43
Phenanthrene		330	10	10	333	429	U	0.43
Anthracene		330	10	10	333	429	U	0.43
Di-n-butylphthalate		1500	10	10	333	429	U	0.43
Fluoranthene		330	10	10	333	429	U	0.43
Pyrene		330	10	10	333	429	U	0.43
Butylbenzylphthalate		1500	10	10	333	429	U	0.43
3,3-Dichlorobenzidine		330	10	10	333	429	U	0.43
Benzo (a) anthracene		330	10	10	333	429	U	0.43
Chrysene		330	10	10	333	429	U	0.43
bis (2-Ethylhexyl) phthalate		1500	10	10	333	429	U	0.43
Di-n-octylphthalate		1500	10	10	333	429	U	0.43
Benzo (b) fluoranthene		330	10	10	333	429	U	0.43
Benzo (k) fluoranthene		330	10	10	333	429	U	0.43
Benzo (a) pyrene		330	10	10	333	429	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10	333	429	U	0.43
Dibenzo (a,h) anthracene		330	10	10	333	429	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	429	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		55	55	25-121
Phenol-d6		49	49	24-113
Nitrobenzene-d5		60	60	23-120
2-Fluorobiphenyl		75	75	30-115
2,4,6-Tribromophenol		66	66	19-122
Terphenyl-d14		124	124	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount.	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-21	Prep Method 1:	SW3050
Field Sample ID.	GCMS-Q-96	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS007	Percent Solids:	86
Lab Data File Name:	SA04509	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	388	U	0.39
Phenol		550	10	10	333	388	U	0.39
2-Chlorophenol		550	10	10	333	388	U	0.39
1,3-Dichlorobenzene		330	10	10	333	388	U	0.39
1,4-Dichlorobenzene		330	10	10	333	388	U	0.39
1,2-Dichlorobenzene		330	10	10	333	388	U	0.39
Benzyl Alcohol		330	10	10	333	388	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	388	U	0.39
2-Methylphenol		550	10	10	333	388	U	0.39
Hexachloroethane		330	10	10	333	388	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	388	U	0.39
4-Methylphenol		550	10	10	333	388	U	0.39
Nitrobenzene		330	10	10	333	388	U	0.39
Isophorone		330	10	10	333	388	U	0.39
2-Nitrophenol		550	10	10	333	388	U	0.39
2,4-Dimethylphenol		550	10	10	333	388	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	388	U	0.39
2,4-Dichlorophenol		550	10	10	333	388	U	0.39
Benzoic Acid		330	10	10	333	388	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	388	U	0.39
Naphthalene		330	10	10	333	388	U	0.39
4-Chloroaniline		330	10	10	333	388	U	0.39
Hexachlorobutadiene		330	10	10	333	388	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	388	U	0.39
2-Methylnaphthalene		330	10	10	333	388	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	388	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	388	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	388	U	0.39
2-Chloronaphthalene		330	10	10	333	388	U	0.39
2-Nitroaniline		330	10	10	333	388	U	0.39
Acenaphthalene		330	10	10	333	388	U	0.39
Dimethylphthalate		1500	10	10	333	388	U	0.39
2,6-Dinitrotoluene		330	10	10	333	388	U	0.39
3-Nitroaniline		330	10	10	333	388	U	0.39
Acenaphthene		330	10	10	333	388	U	0.39
2,4-Dinitrophenol		550	10	10	333	388	U	0.39
Dibenzofuran		330	10	10	333	388	U	0.39
2,4-Dinitrotoluene		330	10	10	333	388	U	0.39
4-Nitrophenol		550	10	10	333	388	U	0.39
Fluorene		550	10	10	333	388	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	388	U	0.39
Diethylphthalate		1500	10	10	333	388	U	0.39
4-Nitroaniline		330	10	10	333	388	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	388	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	388	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	388	U	0.39
Hexachlorobenzene		330	10	10	333	388	U	0.39
Pentachlorophenol		550	10	10	333	388	U	0.39
Phenanthrene		330	9	9	294	343	J	0.34
Anthracene		330	9	9	313	364	J	0.36
Di-n-butylphthalate		1500	10	10	333	388	U	0.39
Fluoranthene		330	14	14	476	555		0.55
Pyrene		330	49	49	1633	1903		1.90
Butylbenzylphthalate		1500	10	10	333	388	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	388	U	0.39
Benzo (a) anthracene		330	10	10	333	388	U	0.39
Chrysene		330	6	6	205	239	J	0.24
bis (2-Ethylhexyl) phthalate		1500	29	29	954	1112		1.11
Di-n-octylphthalate		1500	10	10	333	388	U	0.39
Benzo (b) fluoranthene		330	10	10	333	388	U	0.39
Benzo (k) fluoranthene		330	10	10	333	388	U	0.39
Benzo (a) pyrene		330	10	10	333	388	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	388	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	388	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	388	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		60	60	25-121
Phenol-d6		51	51	24-113
Nitrobenzene-d5		64	64	23-120
2-Fluorobiphenyl		88	88	30-115
2,4,6-Tribromophenol		95	95	19-122
Terphenyl-d14		354	354	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-22	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-204	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	88
Lab Data File Name:	SA04510	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	379	U	0.38
Phenol		550	10	10	333	379	U	0.38
2-Chlorophenol		550	10	10	333	379	U	0.38
1,3-Dichlorobenzene		330	10	10	333	379	U	0.38
1,4-Dichlorobenzene		330	10	10	333	379	U	0.38
1,2-Dichlorobenzene		330	10	10	333	379	U	0.38
Benzyl Alcohol		330	10	10	333	379	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	379	U	0.38
2-Methylphenol		550	10	10	333	379	U	0.38
Hexachloroethane		330	10	10	333	379	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	379	U	0.38
4-Methylphenol		550	10	10	333	379	U	0.38
Nitrobenzene		330	10	10	333	379	U	0.38
Isophorone		330	10	10	333	379	U	0.38
2-Nitrophenol		550	10	10	333	379	U	0.38
2,4-Dimethylphenol		550	10	10	333	379	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	379	U	0.38
2,4-Dichlorophenol		550	10	10	333	379	U	0.38
Benzoic Acid		330	10	10	333	379	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	379	U	0.38
Naphthalene		330	10	10	333	379	U	0.38
4-Chloroaniline		330	10	10	333	379	U	0.38
Hexachlorobutadiene		330	10	10	333	379	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	379	U	0.38
2-Methylnaphthalene		330	10	10	333	379	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	379	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	379	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	379	U	0.38
2-Chloronaphthalene		330	10	10	333	379	U	0.38
2-Nitroaniline		330	10	10	333	379	U	0.38
Acenaphthalene		330	10	10	333	379	U	0.38
Dimethylphthalate		1500	10	10	333	379	U	0.38
2,6-Dinitrotoluene		330	10	10	333	379	U	0.38
3-Nitroaniline		330	10	10	333	379	U	0.38
Acenaphthene		330	10	10	333	379	U	0.38
2,4-Dinitrophenol		550	10	10	333	379	U	0.38
Dibenzofuran		330	10	10	333	379	U	0.38
2,4-Dinitrotoluene		330	10	10	333	379	U	0.38
4-Nitrophenol		550	10	10	333	379	U	0.38
Fluorene		550	10	10	333	379	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	379	U	0.38
Diethylphthalate		1500	10	10	333	379	U	0.38
4-Nitroaniline		330	10	10	333	379	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	379	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	379	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	379	U	0.38
Hexachlorobenzene		330	10	10	333	379	U	0.38
Pentachlorophenol		550	10	10	333	379	U	0.38
Phenanthrene		330	10	10	333	379	U	0.38
Anthracene		330	10	10	333	379	U	0.38
Di-n-butylphthalate		1500	10	10	333	379	U	0.38
Fluoranthene		330	10	10	333	379	U	0.38
Pyrene		330	10	10	333	379	U	0.38
Butylbenzylphthalate		1500	10	10	333	379	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	379	U	0.38
Benzo (a) anthracene		330	10	10	333	379	U	0.38
Chrysene		330	10	10	333	379	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	379	U	0.38
Di-n-octylphthalate		1500	10	10	333	379	U	0.38
Benzo (b) fluoranthene		330	10	10	333	379	U	0.38
Benzo (k) fluoranthene		330	10	10	333	379	U	0.38
Benzo (a) pyrene		330	10	10	333	379	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	379	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	379	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	379	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		66	66	25-121
Phenol-d6		62	62	24-113
Nitrobenzene-d5		78	78	23-120
2-Fluorobiphenyl		89	89	30-115
2,4,6-Tribromophenol		105	105	19-122
Terphenyl-d14		104	104	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-23	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-71	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	86
Lab Data File Name:	SA04525	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3855	U	3.9
Phenol		550	10	10	333	3855	U	3.9
2-Chlorophenol		550	10	10	333	3855	U	3.9
1,3-Dichlorobenzene		330	10	10	333	3855	U	3.9
1,4-Dichlorobenzene		**330**	**7**	**7**	**232**	**2683**	**J**	**2.7**
1,2-Dichlorobenzene		330	10	10	333	3855	U	3.9
Benzyl Alcohol		330	10	10	333	3855	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10	333	3855	U	3.9
2-Methylphenol		550	10	10	333	3855	U	3.9
Hexachloroethane		330	10	10	333	3855	U	3.9
N-Nitroso-di-n-propylamine		330	10	10	333	3855	U	3.9
4-Methylphenol		550	10	10	333	3855	U	3.9
Nitrobenzene		330	10	10	333	3855	U	3.9
Isophorone		330	10	10	333	3855	U	3.9
2-Nitrophenol		550	10	10	333	3855	U	3.9
2,4-Dimethylphenol		550	10	10	333	3855	U	3.9
bis (2-Chloroethoxy) methane		330	10	10	333	3855	U	3.9
2,4-Dichlorophenol		**550**	**17**	**17**	**572**	**6612**		**6.6**
Benzoic Acid		330	10	10	333	3855	U	3.9
1,2,4-Trichlorobenzene		330	10	10	333	3855	U	3.9
Naphthalene		330	10	10	333	3855	U	3.9
4-Chloroaniline		330	10	10	333	3855	U	3.9
Hexachlorobutadiene		330	10	10	333	3855	U	3.9
4-Chloro-3-methylphenol		330	10	10	333	3855	U	3.9
2-Methylnaphthalene		330	10	10	333	3855	U	3.9
Hexachlorocyclopentadiene		330	10	10	333	3855	U	3.9
2,4,6-Trichlorophenol		550	10	10	333	3855	U	3.9
2,4,5-Trichlorophenol		550	10	10	333	3855	U	3.9
2-Chloronaphthalene		330	10	10	333	3855	U	3.9
2-Nitroaniline		330	10	10	333	3855	U	3.9
Acenaphthalene		330	10	10	333	3855	U	3.9
Dimethylphthalate		1500	10	10	333	3855	U	3.9
2,6-Dinitrotoluene		330	10	10	333	3855	U	3.9
3-Nitroaniline		330	10	10	333	3855	U	3.9
Acenaphthene		330	10	10	333	3855	U	3.9
2,4-Dinitrophenol		550	10	10	333	3855	U	3.9
Dibenzofuran		330	10	10	333	3855	U	3.9
2,4-Dinitrotoluene		330	10	10	333	3855	U	3.9
4-Nitrophenol		550	10	10	333	3855	U	3.9
Fluorene		550	10	10	333	3855	U	3.9
4-Chlorophenyl-phenyl ether		330	10	10	333	3855	U	3.9
Diethylphthalate		1500	10	10	333	3855	U	3.9
4-Nitroaniline		330	10	10	333	3855	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10	333	3855	U	3.9
N-Nitrosodiphenylamine		330	10	10	333	3855	U	3.9
4-Bromophenyl-phenylether		330	10	10	333	3855	U	3.9
Hexachlorobenzene		330	10	10	333	3855	U	3.9
Pentachlorophenol		**550**	**13**	**13**	**448**	**5182**		**5.2**
Phenanthrene		330	10	10	333	3855	U	3.9
Anthracene		330	10	10	333	3855	U	3.9
Di-n-butylphthalate		1500	10	10	333	3855	U	3.9
Fluoranthene		330	10	10	333	3855	U	3.9
Pyrene		330	10	10	333	3855	U	3.9
Butylbenzylphthalate		1500	10	10	333	3855	U	3.9
3,3-Dichlorobenzidine		330	10	10	333	3855	U	3.9
Benzo (a) anthracene		330	10	10	333	3855	U	3.9
Chrysene		330	10	10	333	3855	U	3.9
bis (2-Ethylhexyl) phthalate		**1500**	**18**	**18**	**608**	**7028**		**7.0**
Di-n-octylphthalate		1500	10	10	333	3855	U	3.9
Benzo (b) fluoranthene		330	10	10	333	3855	U	3.9
Benzo (k) fluoranthene		330	10	10	333	3855	U	3.9
Benzo (a) pyrene		330	10	10	333	3855	U	3.9
Indeno (1,2,3-cd) pyrene		330	10	10	333	3855	U	3.9
Dibenzo (a,h) anthracene		330	10	10	333	3855	U	3.9
Benzo (g,h,i) perylene		330	10	10	333	3855	U	3.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3	27	25-121
Phenol-d6		4	37	24-113
Nitrobenzene-d5		4	42	23-120
2-Fluorobiphenyl		3	35	30-115
2,4,6-Tribromophenol		3	32	19-122
Terphenyl-d14		9	88	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group.	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-24	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-78	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	74
Lab Data File Name:	SA04526	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4517	U	4.5
Phenol		550	10	10	333	4517	U	4.5
2-Chlorophenol		550	10	10	333	4517	U	4.5
1,3-Dichlorobenzene		330	10	10	333	4517	U	4.5
1,4-Dichlorobenzene		330	10	10	333	4517	U	4.5
1,2-Dichlorobenzene		330	10	10	333	4517	U	4.5
Benzyl Alcohol		330	10	10	333	4517	U	4.5
bis (2-Chloroisopropyl) ether		330	10	10	333	4517	U	4.5
2-Methylphenol		550	10	10	333	4517	U	4.5
Hexachloroethane		330	10	10	333	4517	U	4.5
N-Nitroso-di-n-propylamine		330	10	10	333	4517	U	4.5
4-Methylphenol		550	10	10	333	4517	U	4.5
Nitrobenzene		330	10	10	333	4517	U	4.5
Isophorone		330	10	10	333	4517	U	4.5
2-Nitrophenol		550	10	10	333	4517	U	4.5
2,4-Dimethylphenol		550	10	10	333	4517	U	4.5
bis (2-Chloroethoxy) methane		330	10	10	333	4517	U	4.5
2,4-Dichlorophenol		550	10	10	333	4517	U	4.5
Benzoic Acid		330	10	10	333	4517	U	4.5
1,2,4-Trichlorobenzene		330	10	10	333	4517	U	4.5
Naphthalene		330	10	10	333	4517	U	4.5
4-Chloroaniline		330	15	15	484	6563		6.6
Hexachlorobutadiene		330	10	10	333	4517	U	4.5
4-Chloro-3-methylphenol		330	10	10	333	4517	U	4.5
2-Methylnaphthalene		330	10	10	333	4517	U	4.5
Hexachlorocyclopentadiene		330	10	10	333	4517	U	4.5
2,4,6-Trichlorophenol		550	10	10	333	4517	U	4.5
2,4,5-Trichlorophenol		550	10	10	333	4517	U	4.5
2-Chloronaphthalene		330	10	10	333	4517	U	4.5
2-Nitroaniline		330	10	10	333	4517	U	4.5
Acenaphthalene		330	10	10	333	4517	U	4.5
Dimethylphthalate		1500	10	10	333	4517	U	4.5
2,6-Dinitrotoluene		330	10	10	333	4517	U	4.5
3-Nitroaniline		330	10	10	333	4517	U	4.5
Acenaphthene		330	10	10	333	4517	U	4.5
2,4-Dinitrophenol		550	10	10	333	4517	U	4.5
Dibenzofuran		330	10	10	333	4517	U	4.5
2,4-Dinitrotoluene		330	10	10	333	4517	U	4.5
4-Nitrophenol		550	10	10	333	4517	U	4.5
Fluorene		550	10	10	333	4517	U	4.5
4-Chlorophenyl-phenyl ether		330	10	10	333	4517	U	4.5
Diethylphthalate		1500	10	10	333	4517	U	4.5
4-Nitroaniline		330	10	10	333	4517	U	4.5
4,6-Dinitro-2-methylphenol		550	10	10	333	4517	U	4.5
N-Nitrosodiphenylamine		330	10	10	333	4517	U	4.5
4-Bromophenyl-phenylether		330	10	10	333	4517	U	4.5
Hexachlorobenzene		330	10	10	333	4517	U	4.5
Pentachlorophenol		550	10	10	333	4517	U	4.5
Phenanthrene		330	10	10	333	4517	U	4.5
Anthracene		330	10	10	333	4517	U	4.5
Di-n-butylphthalate		1500	10	10	333	4517	U	4.5
Fluoranthene		330	10	10	333	4517	U	4.5
Pyrene		330	10	10	333	4517	U	4.5
Butylbenzylphthalate		1500	10	10	333	4517	U	4.5
3,3-Dichlorobenzidine		330	10	10	333	4517	U	4.5
Benzo (a) anthracene		330	10	10	333	4517	U	4.5
Chrysene		330	10	10	333	4517	U	4.5
bis (2-Ethylhexyl) phthalate		1500	119	119	3977	53893		54
Di-n-octylphthalate		1500	10	10	333	4517	U	4.5
Benzo (b) fluoranthene		330	10	10	333	4517	U	4.5
Benzo (k) fluoranthene		330	10	10	333	4517	U	4.5
Benzo (a) pyrene		330	10	10	333	4517	U	4.5
Indeno (1,2,3-cd) pyrene		330	10	10	333	4517	U	4.5
Dibenzo (a,h) anthracene		330	10	10	333	4517	U	4.5
Benzo (g,h,i) perylene		330	10	10	333	4517	U	4.5

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		1	14	25-121
Phenol-d6		2	16	24-113
Nitrobenzene-d5		2	18	23-120
2-Fluorobiphenyl		3	27	30-115
2,4,6-Tribromophenol		2	20	19-122
Terphenyl-d14		4	44	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-25	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-90	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/20/01
Date Sample Received	11/15/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	80
Lab Data File Name:	SA04527	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	4151.6	U	4.15
Phenol		550	10	10	333	4152	U	4.15
2-Chlorophenol		550	10	10	333	4152	U	4.15
1,3-Dichlorobenzene		330	10	10	333	4152	U	4.15
1,4-Dichlorobenzene		330	10	10	333	4152	U	4.15
1,2-Dichlorobenzene		330	10	10	333	4152	U	4.15
Benzyl Alcohol		330	10	10	333	4152	U	4.15
bis (2-Chloroisopropyl) ether		330	10	10	333	4152	U	4.15
2-Methylphenol		550	10	10	333	4152	U	4.15
Hexachloroethane		330	10	10	333	4152	U	4.15
N-Nitroso-di-n-propylamine		330	10	10	333	4152	U	4.15
4-Methylphenol		550	10	10	333	4152	U	4.15
Nitrobenzene		330	10	10	333	4152	U	4.15
Isophorone		330	10	10	333	4152	U	4.15
2-Nitrophenol		550	10	10	333	4152	U	4.15
2,4-Dimethylphenol		550	10	10	333	4152	U	4.15
bis (2-Chloroethoxy) methane		330	10	10	333	4152	U	4.15
2,4-Dichlorophenol		550	10	10	333	4152	U	4.15
Benzoic Acid		330	10	10	333	4152	U	4.15
1,2,4-Trichlorobenzene		330	10	10	333	4152	U	4.15
Naphthalene		330	10	10	333	4152	U	4.15
4-Chloroaniline		330	10	10	333	4152	U	4.15
Hexachlorobutadiene		330	10	10	333	4152	U	4.15
4-Chloro-3-methylphenol		330	10	10	333	4152	U	4.15
2-Methylnaphthalene		330	10	10	333	4152	U	4.15
Hexachlorocyclopentadiene		330	10	10	333	4152	U	4.15
2,4,6-Trichlorophenol		550	10	10	333	4152	U	4.15
2,4,5-Trichlorophenol		550	10	10	333	4152	U	4.15
2-Chloronaphthalene		330	10	10	333	4152	U	4.15
2-Nitroaniline		330	10	10	333	4152	U	4.15
Acenaphthalene		330	10	10	333	4152	U	4.15
Dimethylphthalate		1500	10	10	333	4152	U	4.15
2,6-Dinitrotoluene		330	10	10	333	4152	U	4.15
3-Nitroaniline		330	10	10	333	4152	U	4.15
Acenaphthene		330	10	10	333	4152	U	4.15
2,4-Dinitrophenol		550	10	10	333	4152	U	4.15
Dibenzofuran		330	10	10	333	4152	U	4.15
2,4-Dinitrotoluene		330	10	10	333	4152	U	4.15
4-Nitrophenol		550	10	10	333	4152	U	4.15
Fluorene		550	10	10	333	4152	U	4.15
4-Chlorophenyl-phenyl ether		330	10	10	333	4152	U	4.15
Diethylphthalate		1500	10	10	333	4152	U	4.15
4-Nitroaniline		330	10	10	333	4152	U	4.15
4,6-Dinitro-2-methylphenol		550	10	10	333	4152	U	4.15
N-Nitrosodiphenylamine		330	10	10	333	4152	U	4.15
4-Bromophenyl-phenylether		330	10	10	333	4152	U	4.15
Hexachlorobenzene		330	10	10	333	4152	U	4.15
Pentachlorophenol		550	10	10	333	4152	U	4.15
Phenanthrene		330	10	10	333	4152	U	4.15
Anthracene		330	10	10	333	4152	U	4.15
Di-n-butylphthalate		1500	10	10	333	4152	U	4.15
Fluoranthene		330	10	10	333	4152	U	4.15
Pyrene		330	10	10	333	4152	U	4.15
Butylbenzylphthalate		1500	10	10	333	4152	U	4.15
3,3-Dichlorobenzidine		330	10	10	333	4152	U	4.15
Benzo (a) anthracene		330	10	10	333	4152	U	4.15
Chrysene		330	10	10	333	4152	U	4.15
bis (2-Ethylhexyl) phthalate		1500	7	7	243	3022	J	3.02
Di-n-octylphthalate		1500	10	10	333	4152	U	4.15
Benzo (b) fluoranthene		330	10	10	333	4152	U	4.15
Benzo (k) fluoranthene		330	10	10	333	4152	U	4.15
Benzo (a) pyrene		330	10	10	333	4152	U	4.15
Indeno (1,2,3-cd) pyrene		330	10	10	333	4152	U	4.15
Dibenzo (a,h) anthracene		330	10	10	333	4152	U	4.15
Benzo (g,h,i) perylene		330	10	10	333	4152	U	4.15

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		8	78	25-121
Phenol-d6		6	60	24-113
Nitrobenzene-d5		9	87	23-120
2-Fluorobiphenyl		10	104	30-115
2,4,6-Tribromophenol		11	108	19-122
Terphenyl-d14		15	145	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-26	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-84	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/15/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	80
Lab Data File Name:	SA04528	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	416	U	0.42
Phenol		550	10	10	333	416	U	0.42
2-Chlorophenol		550	10	10	333	416	U	0.42
1,3-Dichlorobenzene		330	10	10	333	416	U	0.42
1,4-Dichlorobenzene		330	10	10	333	416	U	0.42
1,2-Dichlorobenzene		330	10	10	333	416	U	0.42
Benzyl Alcohol		330	10	10	333	416	U	0.42
bis (2-Chloroisopropyl) ether		330	10	10	333	416	U	0.42
2-Methylphenol		550	10	10	333	416	U	0.42
Hexachloroethane		330	10	10	333	416	U	0.42
N-Nitroso-di-n-propylamine		330	10	10	333	416	U	0.42
4-Methylphenol		550	10	10	333	416	U	0.42
Nitrobenzene		330	10	10	333	416	U	0.42
Isophorone		330	10	10	333	416	U	0.42
2-Nitrophenol		550	10	10	333	416	U	0.42
2,4-Dimethylphenol		550	10	10	333	416	U	0.42
bis (2-Chloroethoxy) methane		330	10	10	333	416	U	0.42
2,4-Dichlorophenol		550	10	10	333	416	U	0.42
Benzoic Acid		330	10	10	333	416	U	0.42
1,2,4-Trichlorobenzene		330	10	10	333	416	U	0.42
Naphthalene		330	10	10	333	416	U	0.42
4-Chloroaniline		330	10	10	333	416	U	0.42
Hexachlorobutadiene		330	10	10	333	416	U	0.42
4-Chloro-3-methylphenol		330	10	10	333	416	U	0.42
2-Methylnaphthalene		330	10	10	333	416	U	0.42
Hexachlorocyclopentadiene		330	10	10	333	416	U	0.42
2,4,6-Trichlorophenol		550	10	10	333	416	U	0.42
2,4,5-Trichlorophenol		550	10	10	333	416	U	0.42
2-Chloronaphthalene		330	10	10	333	416	U	0.42
2-Nitroaniline		330	10	10	333	416	U	0.42
Acenaphthalene		330	10	10	333	416	U	0.42
Dimethylphthalate		1500	10	10	333	416	U	0.42
2,6-Dinitrotoluene		330	10	10	333	416	U	0.42
3-Nitroaniline		330	10	10	333	416	U	0.42
Acenaphthene		330	10	10	333	416	U	0.42
2,4-Dinitrophenol		550	10	10	333	416	U	0.42
Dibenzofuran		330	10	10	333	416	U	0.42
2,4-Dinitrotoluene		330	10	10	333	416	U	0.42
4-Nitrophenol		550	10	10	333	416	U	0.42
Fluorene		550	10	10	333	416	U	0.42
4-Chlorophenyl-phenyl ether		330	10	10	333	416	U	0.42
Diethylphthalate		1500	10	10	333	416	U	0.42
4-Nitroaniline		330	10	10	333	416	U	0.42
4,6-Dinitro-2-methylphenol		550	10	10	333	416	U	0.42
N-Nitrosodiphenylamine		330	10	10	333	416	U	0.42
4-Bromophenyl-phenylether		330	10	10	333	416	U	0.42
Hexachlorobenzene		330	10	10	333	416	U	0.42
Pentachlorophenol		550	10	10	333	416	U	0.42
Phenanthrene		330	10	10	333	416	U	0.42
Anthracene		330	10	10	333	416	U	0.42
Di-n-butylphthalate		1500	10	10	333	416	U	0.42
Fluoranthene		330	10	10	333	416	U	0.42
Pyrene		330	10	10	333	416	U	0.42
Butylbenzylphthalate		1500	10	10	333	416	U	0.42
3,3-Dichlorobenzidine		330	10	10	333	416	U	0.42
Benzo (a) anthracene		330	10	10	333	416	U	0.42
Chrysene		330	10	10	333	416	U	0.42
bis (2-Ethylhexyl) phthalate		1500	10	10	333	416	U	0.42
Di-n-octylphthalate		1500	10	10	333	416	U	0.42
Benzo (b) fluoranthene		330	10	10	333	416	U	0.42
Benzo (k) fluoranthene		330	10	10	333	416	U	0.42
Benzo (a) pyrene		330	10	10	333	416	U	0.42
Indeno (1,2,3-cd) pyrene		330	10	10	333	416	U	0.42
Dibenzo (a,h) anthracene		330	10	10	333	416	U	0.42
Benzo (g,h,i) perylene		330	10	10	333	416	U	0.42

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		52	52	25-121
Phenol-d6		44	44	24-113
Nitrobenzene-d5		64	64	23-120
2-Fluorobiphenyl		67	67	30-115
2,4,6-Tribromophenol		78	78	19-122
Terphenyl-d14		108	108	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-27	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-72	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	66
Lab Data File Name:	SA04529	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3886	U	3.9
Phenol		550	10	10	333	3886	U	3.9
2-Chlorophenol		550	10	10	333	3886	U	3.9
1,3-Dichlorobenzene		330	10	10	333	3886	U	3.9
1,4-Dichlorobenzene		330	10	10	333	3886	U	3.9
1,2-Dichlorobenzene		330	10	10	333	3886	U	3.9
Benzyl Alcohol		330	10	10	333	3886	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10	333	3886	U	3.9
2-Methylphenol		550	10	10	333	3886	U	3.9
Hexachloroethane		330	10	10	333	3886	U	3.9
N-Nitroso-di-n-propylamine		330	10	10	333	3886	U	3.9
4-Methylphenol		550	10	10	333	3886	U	3.9
Nitrobenzene		330	10	10	333	3886	U	3.9
Isophorone		330	10	10	333	3886	U	3.9
2-Nitrophenol		550	10	10	333	3886	U	3.9
2,4-Dimethylphenol		550	10	10	333	3886	U	3.9
bis (2-Chloroethoxy) methane		330	10	10	333	3886	U	3.9
2,4-Dichlorophenol		550	10	10	333	3886	U	3.9
Benzoic Acid		330	10	10	333	3886	U	3.9
1,2,4-Trichlorobenzene		330	10	10	333	3886	U	3.9
Naphthalene		330	10	10	333	3886	U	3.9
4-Chloroaniline		330	10	10	333	3886	U	3.9
Hexachlorobutadiene		330	10	10	333	3886	U	3.9
4-Chloro-3-methylphenol		330	10	10	333	3886	U	3.9
2-Methylnaphthalene		330	10	10	333	3886	U	3.9
Hexachlorocyclopentadiene		330	10	10	333	3886	U	3.9
2,4,6-Trichlorophenol		550	10	10	333	3886	U	3.9
2,4,5-Trichlorophenol		550	10	10	333	3886	U	3.9
2-Chloronaphthalene		330	10	10	333	3886	U	3.9
2-Nitroaniline		330	10	10	333	3886	U	3.9
Acenaphthalene		330	10	10	333	3886	U	3.9
Dimethylphthalate		1500	10	10	333	3886	U	3.9
2,6-Dinitrotoluene		330	10	10	333	3886	U	3.9
3-Nitroaniline		330	10	10	333	3886	U	3.9
Acenaphthene		330	10	10	333	3886	U	3.9
2,4-Dinitrophenol		550	10	10	333	3886	U	3.9
Dibenzofuran		330	10	10	333	3886	U	3.9
2,4-Dinitrotoluene		330	10	10	333	3886	U	3.9
4-Nitrophenol		550	10	10	333	3886	U	3.9
Fluorene		550	10	10	333	3886	U	3.9
4-Chlorophenyl-phenyl ether		330	10	10	333	3886	U	3.9
Diethylphthalate		1500	10	10	333	3886	U	3.9
4-Nitroaniline		330	10	10	333	3886	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10	333	3886	U	3.9
N-Nitrosodiphenylamine		330	10	10	333	3886	U	3.9
4-Bromophenyl-phenylether		330	10	10	333	3886	U	3.9
Hexachlorobenzene		330	10	10	333	3886	U	3.9
Pentachlorophenol		550	10	10	333	3886	U	3.9
Phenanthrene		330	10	10	333	3886	U	3.9
Anthracene		330	10	10	333	3886	U	3.9
Di-n-butylphthalate		1500	10	10	333	3886	U	3.9
Fluoranthene		330	10	10	333	3886	U	3.9
Pyrene		330	10	10	333	3886	U	3.9
Butylbenzylphthalate		1500	10	10	333	3886	U	3.9
3,3-Dichlorobenzidine		330	10	10	333	3886	U	3.9
Benzo (a) anthracene		330	10	10	333	3886	U	3.9
Chrysene		330	10	10	333	3886	U	3.9
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3886	U	3.9
Di-n-octylphthalate		1500	10	10	333	3886	U	3.9
Benzo (b) fluoranthene		330	10	10	333	3886	U	3.9
Benzo (k) fluoranthene		330	10	10	333	3886	U	3.9
Benzo (a) pyrene		330	10	10	333	3886	U	3.9
Indeno (1,2,3-cd) pyrene		330	10	10	333	3886	U	3.9
Dibenzo (a,h) anthracene		330	10	10	333	3886	U	3.9
Benzo (g,h,I) perylene		330	10	10	333	3886	U	3.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		6	57	25-121
Phenol-d6		4	38	24-113
Nitrobenzene-d5		6	58	23-120
2-Fluorobiphenyl		7	66	30-115
2,4,6-Tribromophenol		6	57	19-122
Terphenyl-d14		15	154	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount.	30
Lab Delivery Group.	URS111501	Lab Prep Date	11/17/01
Lab Sample ID:	URS111501-28	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-103	Prep Method 2.	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/07/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	97
Lab Data File Name:	SA04530	Laboratory Code.	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	342.9	U	0.3
Phenol		550	10	10	333	343	U	0.3
2-Chlorophenol		550	10	10	333	343	U	0.3
1,3-Dichlorobenzene		330	10	10	333	343	U	0.3
1,4-Dichlorobenzene		330	10	10	333	343	U	0.3
1,2-Dichlorobenzene		330	10	10	333	343	U	0.3
Benzyl Alcohol		330	10	10	333	343	U	0.3
bis (2-Chloroisopropyl) ether		330	10	10	333	343	U	0.3
2-Methylphenol		550	10	10	333	343	U	0.3
Hexachloroethane		330	10	10	333	343	U	0.3
N-Nitroso-di-n-propylamine		330	10	10	333	343	U	0.3
4-Methylphenol		550	10	10	333	343	U	0.3
Nitrobenzene		330	10	10	333	343	U	0.3
Isophorone		330	10	10	333	343	U	0.3
2-Nitrophenol		550	10	10	333	343	U	0.3
2,4-Dimethylphenol		550	10	10	333	343	U	0.3
bis (2-Chloroethoxy) methane		330	10	10	333	343	U	0.3
2,4-Dichlorophenol		550	10	10	333	343	U	0.3
Benzoic Acid		330	10	10	333	343	U	0.3
1,2,4-Trichlorobenzene		330	10	10	333	343	U	0.3
Naphthalene		330	10	10	333	343	U	0.3
4-Chloroaniline		330	10	10	333	343	U	0.3
Hexachlorobutadiene		330	10	10	333	343	U	0.3
4-Chloro-3-methylphenol		330	10	10	333	343	U	0.3
2-Methylnaphthalene		330	10	10	333	343	U	0.3
Hexachlorocyclopentadiene		330	10	10	333	343	U	0.3
2,4,6-Trichlorophenol		550	10	10	333	343	U	0.3
2,4,5-Trichlorophenol		550	10	10	333	343	U	0.3
2-Chloronaphthalene		330	10	10	333	343	U	0.3
2-Nitroaniline		330	10	10	333	343	U	0.3
Acenaphthalene		330	10	10	333	343	U	0.3
Dimethylphthalate		1500	10	10	333	343	U	0.3
2,6-Dinitrotoluene		330	10	10	333	343	U	0.3
3-Nitroaniline		330	10	10	333	343	U	0.3
Acenaphthene		**330**	**10**	**10**	**328**	**337**	**J**	**0.3**
2,4-Dinitrophenol		550	10	10	333	343	U	0.3
Dibenzofuran		330	10	10	333	343	U	0.3
2,4-Dinitrotoluene		330	10	10	333	343	U	0.3
4-Nitrophenol		550	10	10	333	343	U	0.3
Fluorene		**550**	**10**	**10**	**324**	**334**	**J**	**0.3**
4-Chlorophenyl-phenyl ether		330	10	10	333	343	U	0.3
Diethylphthalate		1500	10	10	333	343	U	0.3
4-Nitroaniline		330	10	10	333	343	U	0.3
4,6-Dinitro-2-methylphenol		550	10	10	333	343	U	0.3
N-Nitrosodiphenylamine		330	10	10	333	343	U	0.3
4-Bromophenyl-phenylether		330	10	10	333	343	U	0.3
Hexachlorobenzene		330	10	10	333	343	U	0.3
Pentachlorophenol		550	10	10	333	343	U	0.3
Phenanthrene		**330**	**143**	**143**	**4761**	**4898**	**E**	**4.9**
Anthracene		**330**	**28**	**28**	**940**	**967**		**1.0**
Di-n-butylphthalate		1500	10	10	333	343	U	0.3
Fluoranthene		**330**	**160**	**160**	**5324**	**5477**	**E**	**5.5**
Pyrene		**330**	**533**	**533**	**17772**	**18282**	**E**	**18**
Butylbenzylphthalate		**1500**	**2108**	**2108**	**70273**	**72290**	**E**	**72**
3,3-Dichlorobenzidine		330	10	10	333	343	U	0.3
Benzo (a) anthracene		**330**	**47**	**47**	**1575**	**1620**		**1.6**
Chrysene		**330**	**56**	**56**	**1877**	**1931**		**1.9**
bis (2-Ethylhexyl) phthalate		**1500**	**112**	**112**	**3720**	**3826**		**3.8**
Di-n-octylphthalate		1500	10	10	333	343	U	0.3
Benzo (b) fluoranthene		**330**	**52**	**52**	**1723**	**1773**		**1.8**
Benzo (k) fluoranthene		**330**	**22**	**22**	**724**	**744**		**0.7**
Benzo (a) pyrene		**330**	**8**	**8**	**281**	**289**	**J**	**0.3**
Indeno (1,2,3-cd) pyrene		**330**	**35**	**35**	**1154**	**1187**		**1.2**
Dibenzo (a,h) anthracene		330	10	10	333	343	U	0.3
Benzo (g,h,i) perylene		**330**	**36**	**36**	**1203**	**1237**		**1.2**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		13	13	25-121
Phenol-d6		32	32	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		73	73	30-115
2,4,6-Tribromophenol		4	4	19-122
Terphenyl-d14		149	149	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date.	11/17/01
Lab Sample ID:	URS111501-28DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-103	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	97
Lab Data File Name:	SA04582	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	34290	U	34
Phenol		550	10	10	333	34290	U	34
2-Chlorophenol		550	10	10	333	34290	U	34
1,3-Dichlorobenzene		330	10	10	333	34290	U	34
1,4-Dichlorobenzene		330	10	10	333	34290	U	34
1,2-Dichlorobenzene		330	10	10	333	34290	U	34
Benzyl Alcohol		330	10	10	333	34290	U	34
bis (2-Chloroisopropyl) ether		330	10	10	333	34290	U	34
2-Methylphenol		550	10	10	333	34290	U	34
Hexachloroethane		330	10	10	333	34290	U	34
N-Nitroso-di-n-propylamine		330	10	10	333	34290	U	34
4-Methylphenol		550	10	10	333	34290	U	34
Nitrobenzene		330	10	10	333	34290	U	34
Isophorone		330	10	10	333	34290	U	34
2-Nitrophenol		550	10	10	333	34290	U	34
2,4-Dimethylphenol		550	10	10	333	34290	U	34
bis (2-Chloroethoxy) methane		330	10	10	333	34290	U	34
2,4-Dichlorophenol		550	10	10	333	34290	U	34
Benzoic Acid		330	10	10	333	34290	U	34
1,2,4-Trichlorobenzene		330	10	10	333	34290	U	34
Naphthalene		330	10	10	333	34290	U	34
4-Chloroaniline		330	10	10	333	34290	U	34
Hexachlorobutadiene		330	10	10	333	34290	U	34
4-Chloro-3-methylphenol		330	10	10	333	34290	U	34
2-Methylnaphthalene		330	10	10	333	34290	U	34
Hexachlorocyclopentadiene		330	10	10	333	34290	U	34
2,4,6-Trichlorophenol		550	10	10	333	34290	U	34
2,4,5-Trichlorophenol		550	10	10	333	34290	U	34
2-Chloronaphthalene		330	10	10	333	34290	U	34
2-Nitroaniline		330	10	10	333	34290	U	34
Acenaphthalene		330	10	10	333	34290	U	34
Dimethylphthalate		1500	10	10	333	34290	U	34
2,6-Dinitrotoluene		330	10	10	333	34290	U	34
3-Nitroaniline		330	10	10	333	34290	U	34
Acenaphthene		330	10	10	333	34290	U	34
2,4-Dinitrophenol		550	10	10	333	34290	U	34
Dibenzofuran		330	10	10	333	34290	U	34
2,4-Dinitrotoluene		330	10	10	333	34290	U	34
4-Nitrophenol		550	10	10	333	34290	U	34
Fluorene		550	10	10	333	34290	U	34
4-Chlorophenyl-phenyl ether		330	10	10	333	34290	U	34
Diethylphthalate		1500	10	10	333	34290	U	34
4-Nitroaniline		330	10	10	333	34290	U	34
4,6-Dinitro-2-methylphenol		550	10	10	333	34290	U	34
N-Nitrosodiphenylamine		330	10	10	333	34290	U	34
4-Bromophenyl-phenylether		330	10	10	333	34290	U	34
Hexachlorobenzene		330	10	10	333	34290	U	34
Pentachlorophenol		550	10	10	333	34290	U	34
Phenanthrene		330	10	10	336	34564		35
Anthracene		330	10	10	333	34290	U	34
Di-n-butylphthalate		1500	10	10	333	34290	U	34
Fluoranthene		330	13	13	425	43685		44
Pyrene		330	9	9	302	31032	J	31
Butylbenzylphthalate		1500	120	120	3999	411377		411
3,3-Dichlorobenzidine		330	10	10	333	34290	U	34
Benzo (a) anthracene		330	10	10	333	34290	U	34
Chrysene		330	5	5	181	18619	J	19
bis (2-Ethylhexyl) phthalate		1500	11	11	372	38233		38
Di-n-octylphthalate		1500	10	10	333	34290	U	34
Benzo (b) fluoranthene		330	10	10	333	34290	U	34
Benzo (k) fluoranthene		330	10	10	333	34290	U	34
Benzo (a) pyrene		330	10	10	333	34290	U	34
Indeno (1,2,3-cd) pyrene		330	10	10	333	34290	U	34
Dibenzo (a,h) anthracene		330	10	10	333	34290	U	34
Benzo (g,h,i) perylene		330	10	10	333	34290	U	34

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		1	60	25-121
Phenol-d6		2	184	24-113
Nitrobenzene-d5		4	358	23-120
2-Fluorobiphenyl		5	514	30-115
2,4,6-Tribromophenol		0	10	19-122
Terphenyl-d14		5	548	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111501-29	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-218	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	85
Lab Data File Name:	SA04583	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	19507	U	20
Phenol		550	10	10	333	19507	U	20
2-Chlorophenol		550	10	10	333	19507	U	20
1,3-Dichlorobenzene		330	10	10	333	19507	U	20
1,4-Dichlorobenzene		330	10	10	333	19507	U	20
1,2-Dichlorobenzene		330	10	10	333	19507	U	20
Benzyl Alcohol		330	10	10	333	19507	U	20
bis (2-Chloroisopropyl) ether		330	10	10	333	19507	U	20
2-Methylphenol		550	10	10	333	19507	U	20
Hexachloroethane		330	10	10	333	19507	U	20
N-Nitroso-di-n-propylamine		330	10	10	333	19507	U	20
4-Methylphenol		550	10	10	333	19507	U	20
Nitrobenzene		330	10	10	333	19507	U	20
Isophorone		330	10	10	333	19507	U	20
2-Nitrophenol		550	10	10	333	19507	U	20
2,4-Dimethylphenol		550	10	10	333	19507	U	20
bis (2-Chloroethoxy) methane		330	10	10	333	19507	U	20
2,4-Dichlorophenol		550	10	10	333	19507	U	20
Benzoic Acid		330	10	10	333	19507	U	20
1,2,4-Trichlorobenzene		330	10	10	333	19507	U	20
Naphthalene		330	10	10	333	19507	U	20
4-Chloroaniline		330	10	10	333	19507	U	20
Hexachlorobutadiene		330	10	10	333	19507	U	20
4-Chloro-3-methylphenol		330	10	10	333	19507	U	20
2-Methylnaphthalene		330	10	10	333	19507	U	20
Hexachlorocyclopentadiene		330	10	10	333	19507	U	20
2,4,6-Trichlorophenol		550	10	10	333	19507	U	20
2,4,5-Trichlorophenol		550	10	10	333	19507	U	20
2-Chloronaphthalene		330	10	10	333	19507	U	20
2-Nitroaniline		330	10	10	333	19507	U	20
Acenaphthalene		330	10	10	333	19507	U	20
Dimethylphthalate		1500	10	10	333	19507	U	20
2,6-Dinitrotoluene		330	10	10	333	19507	U	20
3-Nitroaniline		330	10	10	333	19507	U	20
Acenaphthene		330	10	10	333	19507	U	20
2,4-Dinitrophenol		550	10	10	333	19507	U	20
Dibenzofuran		330	10	10	333	19507	U	20
2,4-Dinitrotoluene		330	10	10	333	19507	U	20
4-Nitrophenol		550	10	10	333	19507	U	20
Fluorene		550	10	10	333	19507	U	20
4-Chlorophenyl-phenyl ether		330	10	10	333	19507	U	20
Diethylphthalate		1500	10	10	333	19507	U	20
4-Nitroaniline		330	10	10	333	19507	U	20
4,6-Dinitro-2-methylphenol		550	10	10	333	19507	U	20
N-Nitrosodiphenylamine		330	10	10	333	19507	U	20
4-Bromophenyl-phenylether		330	10	10	333	19507	U	20
Hexachlorobenzene		330	10	10	333	19507	U	20
Pentachlorophenol		550	10	10	333	19507	U	20
Phenanthrene		330	10	10	333	19507	U	20
Anthracene		330	10	10	333	19507	U	20
Di-n-butylphthalate		1500	10	10	333	19507	U	20
Fluoranthene		330	10	10	333	19507	U	20
Pyrene		330	10	10	333	19507	U	20
Butylbenzylphthalate		1500	10	10	333	19507	U	20
3,3-Dichlorobenzidine		330	10	10	333	19507	U	20
Benzo (a) anthracene		330	10	10	333	19507	U	20
Chrysene		330	10	10	333	19507	U	20
bis (2-Ethylhexyl) phthalate		1500	10	10	333	19507	U	20
Di-n-octylphthalate		1500	10	10	333	19507	U	20
Benzo (b) fluoranthene		330	10	10	333	19507	U	20
Benzo (k) fluoranthene		330	10	10	333	19507	U	20
Benzo (a) pyrene		330	10	10	333	19507	U	20
Indeno (1,2,3-cd) pyrene		330	10	10	333	19507	U	20
Dibenzo (a,h) anthracene		330	10	10	333	19507	U	20
Benzo (g,h,i) perylene		330	10	10	333	19507	U	20

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	9	25-121
Phenol-d6		0	0	24-113
Nitrobenzene-d5		0	15	23-120
2-Fluorobiphenyl		1	61	30-115
2,4,6-Tribromophenol		1	65	19-122
Terphenyl-d14		5	261	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-01	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-47	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04481	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	399	U	0.4
Phenol		550	10	10	333	399	U	0.4
2-Chlorophenol		550	10	10	333	399	U	0.4
1,3-Dichlorobenzene		330	10	10	333	399	U	0.4
1,4-Dichlorobenzene		330	10	10	333	399	U	0.4
1,2-Dichlorobenzene		330	10	10	333	399	U	0.4
Benzyl Alcohol		330	10	10	333	399	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	399	U	0.4
2-Methylphenol		550	10	10	333	399	U	0.4
Hexachloroethane		330	10	10	333	399	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	399	U	0.4
4-Methylphenol		550	10	10	333	399	U	0.4
Nitrobenzene		330	10	10	333	399	U	0.4
Isophorone		330	10	10	333	399	U	0.4
2-Nitrophenol		550	10	10	333	399	U	0.4
2,4-Dimethylphenol		550	10	10	333	399	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	399	U	0.4
2,4-Dichlorophenol		550	10	10	333	399	U	0.4
Benzoic Acid		330	10	10	333	399	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	399	U	0.4
Naphthalene		330	10	10	333	399	U	0.4
4-Chloroaniline		330	10	10	333	399	U	0.4
Hexachlorobutadiene		330	10	10	333	399	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	399	U	0.4
2-Methylnaphthalene		330	10	10	333	399	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	399	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	399	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	399	U	0.4
2-Chloronaphthalene		330	10	10	333	399	U	0.4
2-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthalene		330	10	10	333	399	U	0.4
Dimethylphthalate		1500	10	10	333	399	U	0.4
2,6-Dinitrotoluene		330	10	10	333	399	U	0.4
3-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthene		**330**	**14**	**14**	**471**	**564**		**0.6**
2,4-Dinitrophenol		550	10	10	333	399	U	0.4
Dibenzofuran		**330**	**6**	**6**	**186**	**223**	**J**	**0.2**
2,4-Dinitrotoluene		330	10	10	333	399	U	0.4
4-Nitrophenol		550	10	10	333	399	U	0.4
Fluorene		**550**	**13**	**13**	**432**	**518**		**0.5**
4-Chlorophenyl-phenyl ether		330	10	10	333	399	U	0.4
Diethylphthalate		1500	10	10	333	399	U	0.4
4-Nitroaniline		330	10	10	333	399	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	399	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	399	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	399	U	0.4
Hexachlorobenzene		330	10	10	333	399	U	0.4
Pentachlorophenol		550	10	10	333	399	U	0.4
Phenanthrene		**330**	**227**	**227**	**7569**	**9062**	**E**	**9.1**
Anthracene		**330**	**63**	**63**	**2089**	**2501**		**2.5**
Di-n-butylphthalate		1500	10	10	333	399	U	0.4
Fluoranthene		**330**	**297**	**297**	**9889**	**11840**	**E**	**11.8**
Pyrene		**330**	**474**	**474**	**15791**	**18906**	**E**	**18.9**
Butylbenzylphthalate		1500	10	10	333	399	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	399	U	0.4
Benzo (a) anthracene		**330**	**93**	**93**	**3096**	**3707**		**3.7**
Chrysene		**330**	**99**	**99**	**3293**	**3943**		**3.9**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	399	U	0.4
Di-n-octylphthalate		1500	10	10	333	399	U	0.4
Benzo (b) fluoranthene		**330**	**115**	**115**	**3818**	**4572**		**4.6**
Benzo (k) fluoranthene		**330**	**33**	**33**	**1113**	**1332**		**1.3**
Benzo (a) pyrene		**330**	**76**	**76**	**2548**	**3050**		**3.1**
Indeno (1,2,3-cd) pyrene		**330**	**81**	**81**	**2691**	**3222**		**3.2**
Dibenzo (a,h) anthracene		**330**	**14**	**14**	**461**	**552**		**0.6**
Benzo (g,h,i) perylene		**330**	**70**	**70**	**2328**	**2788**		**2.8**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		44	44	24-113
Nitrobenzene-d5		39	39	23-120
2-Fluorobiphenyl		64	64	30-115
2,4,6-Tribromophenol		92	92	19-122
Terphenyl-d14		216	216	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-01DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-47	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04513	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3991	U	4.0
Phenol		550	10	10	333	3991	U	4.0
2-Chlorophenol		550	10	10	333	3991	U	4.0
1,3-Dichlorobenzene		330	10	10	333	3991	U	4.0
1,4-Dichlorobenzene		330	10	10	333	3991	U	4.0
1,2-Dichlorobenzene		330	10	10	333	3991	U	4.0
Benzyl Alcohol		330	10	10	333	3991	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	3991	U	4.0
2-Methylphenol		550	10	10	333	3991	U	4.0
Hexachloroethane		330	10	10	333	3991	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	3991	U	4.0
4-Methylphenol		550	10	10	333	3991	U	4.0
Nitrobenzene		330	10	10	333	3991	U	4.0
Isophorone		330	10	10	333	3991	U	4.0
2-Nitrophenol		550	10	10	333	3991	U	4.0
2,4-Dimethylphenol		550	10	10	333	3991	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	3991	U	4.0
2,4-Dichlorophenol		550	10	10	333	3991	U	4.0
Benzoic Acid		330	10	10	333	3991	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	3991	U	4.0
Naphthalene		330	10	10	333	3991	U	4.0
4-Chloroaniline		330	10	10	333	3991	U	4.0
Hexachlorobutadiene		330	10	10	333	3991	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	3991	U	4.0
2-Methylnaphthalene		330	10	10	333	3991	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	3991	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	3991	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	3991	U	4.0
2-Chloronaphthalene		330	10	10	333	3991	U	4.0
2-Nitroaniline		330	10	10	333	3991	U	4.0
Acenaphthalene		330	10	10	333	3991	U	4.0
Dimethylphthalate		1500	10	10	333	3991	U	4.0
2,6-Dinitrotoluene		330	10	10	333	3991	U	4.0
3-Nitroaniline		330	10	10	333	3991	U	4.0
Acenaphthene		330	10	10	333	3991	U	4.0
2,4-Dinitrophenol		550	10	10	333	3991	U	4.0
Dibenzofuran		330	10	10	333	3991	U	4.0
2,4-Dinitrotoluene		330	10	10	333	3991	U	4.0
4-Nitrophenol		550	10	10	333	3991	U	4.0
Fluorene		550	10	10	333	3991	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	3991	U	4.0
Diethylphthalate		1500	10	10	333	3991	U	4.0
4-Nitroaniline		330	10	10	333	3991	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	3991	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	3991	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	3991	U	4.0
Hexachlorobenzene		330	10	10	333	3991	U	4.0
Pentachlorophenol		550	10	10	333	3991	U	4.0
Phenanthrene		330	16	16	525	6290		6.3
Anthracene		330	10	10	333	3991	U	4.0
Di-n-butylphthalate		1500	10	10	333	3991	U	4.0
Fluoranthene		330	22	22	732	8760		8.8
Pyrene		330	13	13	445	5332		5.3
Butylbenzylphthalate		1500	10	10	333	3991	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	3991	U	4.0
Benzo (a) anthracene		330	7	7	225	2698	J	2.7
Chrysene		330	9	9	285	3408	J	3.4
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3991	U	4.0
Di-n-octylphthalate		1500	10	10	333	3991	U	4.0
Benzo (b) fluoranthene		330	16	16	539	6454		6.5
Benzo (k) fluoranthene		330	9	9	292	3492	J	3.5
Benzo (a) pyrene		330	10	10	333	3991	U	4.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	3991	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	3991	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	3991	U	4.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3	26	25-121
Phenol-d6		2	16	24-113
Nitrobenzene-d5		2	23	23-120
2-Fluorobiphenyl		4	39	30-115
2,4,6-Tribromophenol		5	49	19-122
Terphenyl-d14		5	49	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-48	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids.	87
Lab Data File Name:	SA04482	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	382	U	0.4
Phenol		550	10	10	333	382	U	0.4
2-Chlorophenol		550	10	10	333	382	U	0.4
1,3-Dichlorobenzene		330	10	10	333	382	U	0.4
1,4-Dichlorobenzene		330	10	10	333	382	U	0.4
1,2-Dichlorobenzene		330	10	10	333	382	U	0.4
Benzyl Alcohol		330	10	10	333	382	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	382	U	0.4
2-Methylphenol		550	10	10	333	382	U	0.4
Hexachloroethane		330	10	10	333	382	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	382	U	0.4
4-Methylphenol		550	10	10	333	382	U	0.4
Nitrobenzene		330	10	10	333	382	U	0.4
Isophorone		330	10	10	333	382	U	0.4
2-Nitrophenol		550	10	10	333	382	U	0.4
2,4-Dimethylphenol		550	10	10	333	382	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	382	U	0.4
2,4-Dichlorophenol		550	10	10	333	382	U	0.4
Benzoic Acid		330	10	10	333	382	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	382	U	0.4
Naphthalene		330	10	10	333	382	U	0.4
4-Chloroaniline		330	10	10	333	382	U	0.4
Hexachlorobutadiene		330	10	10	333	382	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	382	U	0.4
2-Methylnaphthalene		330	10	10	333	382	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	382	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	382	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	382	U	0.4
2-Chloronaphthalene		330	10	10	333	382	U	0.4
2-Nitroaniline		330	10	10	333	382	U	0.4
Acenaphthalene		330	10	10	333	382	U	0.4
Dimethylphthalate		1500	10	10	333	382	U	0.4
2,6-Dinitrotoluene		330	10	10	333	382	U	0.4
3-Nitroaniline		330	10	10	333	382	U	0.4
Acenaphthene		330	10	10	333	382	U	0.4
2,4-Dinitrophenol		550	10	10	333	382	U	0.4
Dibenzofuran		330	10	10	333	382	U	0.4
2,4-Dinitrotoluene		330	10	10	333	382	U	0.4
4-Nitrophenol		550	10	10	333	382	U	0.4
Fluorene		550	10	10	333	382	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10	333	382	U	0.4
Diethylphthalate		1500	10	10	333	382	U	0.4
4-Nitroaniline		330	10	10	333	382	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	382	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	382	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	382	U	0.4
Hexachlorobenzene		330	10	10	333	382	U	0.4
Pentachlorophenol		550	10	10	333	382	U	0.4
Phenanthrene		330	72	72	2409	2761		2.8
Anthracene		330	14	14	475	544		0.5
Di-n-butylphthalate		1500	10	10	333	382	U	0.4
Fluoranthene		330	103	103	3445	3948		3.9
Pyrene		330	212	212	7083	8118		8.1
Butylbenzylphthalate		1500	10	10	333	382	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	382	U	0.4
Benzo (a) anthracene		330	29	29	975	1117		1.1
Chrysene		330	35	35	1170	1341		1.3
bis (2-Ethylhexyl) phthalate		1500	10	10	333	382	U	0.4
Di-n-octylphthalate		1500	10	10	333	382	U	0.4
Benzo (b) fluoranthene		330	33	33	1087	1246		1.2
Benzo (k) fluoranthene		330	17	17	559	640		0.6
Benzo (a) pyrene		330	30	30	986	1130		1.1
Indeno (1,2,3-cd) pyrene		330	31	31	1046	1199		1.2
Dibenzo (a,h) anthracene		330	10	10	333	382	U	0.4
Benzo (g,h,i) perylene		330	30	30	986	1130		1.1

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		57	57	25-121
Phenol-d6		56	56	24-113
Nitrobenzene-d5		66	66	23-120
2-Fluorobiphenyl		83	83	30-115
2,4,6-Tribromophenol		95	95	19-122
Terphenyl-d14		273	273	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected In Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-02DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-48	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	5
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	87
Lab Data File Name:	SA04514	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	1910	U	1.9
Phenol		550	10	10	333	1910	U	1.9
2-Chlorophenol		550	10	10	333	1910	U	1.9
1,3-Dichlorobenzene		330	10	10	333	1910	U	1.9
1,4-Dichlorobenzene		330	10	10	333	1910	U	1.9
1,2-Dichlorobenzene		330	10	10	333	1910	U	1.9
Benzyl Alcohol		330	10	10	333	1910	U	1.9
bis (2-Chloroisopropyl) ether		330	10	10	333	1910	U	1.9
2-Methylphenol		550	10	10	333	1910	U	1.9
Hexachloroethane		330	10	10	333	1910	U	1.9
N-Nitroso-di-n-propylamine		330	10	10	333	1910	U	1.9
4-Methylphenol		550	10	10	333	1910	U	1.9
Nitrobenzene		330	10	10	333	1910	U	1.9
Isophorone		330	10	10	333	1910	U	1.9
2-Nitrophenol		550	10	10	333	1910	U	1.9
2,4-Dimethylphenol		550	10	10	333	1910	U	1.9
bis (2-Chloroethoxy) methane		330	10	10	333	1910	U	1.9
2,4-Dichlorophenol		550	10	10	333	1910	U	1.9
Benzoic Acid		330	10	10	333	1910	U	1.9
1,2,4-Trichlorobenzene		330	10	10	333	1910	U	1.9
Naphthalene		330	10	10	333	1910	U	1.9
4-Chloroaniline		330	10	10	333	1910	U	1.9
Hexachlorobutadiene		330	10	10	333	1910	U	1.9
4-Chloro-3-methylphenol		330	10	10	333	1910	U	1.9
2-Methylnaphthalene		330	10	10	333	1910	U	1.9
Hexachlorocyclopentadiene		330	10	10	333	1910	U	1.9
2,4,6-Trichlorophenol		550	10	10	333	1910	U	1.9
2,4,5-Trichlorophenol		550	10	10	333	1910	U	1.9
2-Chloronaphthalene		330	10	10	333	1910	U	1.9
2-Nitroaniline		330	10	10	333	1910	U	1.9
Acenaphthalene		330	10	10	333	1910	U	1.9
Dimethylphthalate		1500	10	10	333	1910	U	1.9
2,6-Dinitrotoluene		330	10	10	333	1910	U	1.9
3-Nitroaniline		330	10	10	333	1910	U	1.9
Acenaphthene		330	10	10	333	1910	U	1.9
2,4-Dinitrophenol		550	10	10	333	1910	U	1.9
Dibenzofuran		330	10	10	333	1910	U	1.9
2,4-Dinitrotoluene		330	10	10	333	1910	U	1.9
4-Nitrophenol		550	10	10	333	1910	U	1.9
Fluorene		550	10	10	333	1910	U	1.9
4-Chlorophenyl-phenyl ether		330	10	10	333	1910	U	1.9
Diethylphthalate		1500	10	10	333	1910	U	1.9
4-Nitroaniline		330	10	10	333	1910	U	1.9
4,6-Dinitro-2-methylphenol		550	10	10	333	1910	U	1.9
N-Nitrosodiphenylamine		330	10	10	333	1910	U	1.9
4-Bromophenyl-phenylether		330	10	10	333	1910	U	1.9
Hexachlorobenzene		330	10	10	333	1910	U	1.9
Pentachlorophenol		550	10	10	333	1910	U	1.9
Phenanthrene		330	11	11	352	2015		2.0
Anthracene		330	10	10	333	1910	U	1.9
Di-n-butylphthalate		1500	10	10	333	1910	U	1.9
Fluoranthene		330	17	17	565	3236		3.2
Pyrene		330	11	11	374	2145		2.1
Butylbenzylphthalate		1500	10	10	333	1910	U	1.9
3,3-Dichlorobenzidine		330	10	10	333	1910	U	1.9
Benzo (a) anthracene		330	6	6	193	1106	J	1.1
Chrysene		330	7	7	229	1310	J	1.3
bis (2-Ethylhexyl) phthalate		1500	10	10	333	1910	U	1.9
Di-n-octylphthalate		1500	10	10	333	1910	U	1.9
Benzo (b) fluoranthene		330	11	11	369	2113		2.1
Benzo (k) fluoranthene		330	6	6	195	1119	J	1.1
Benzo (a) pyrene		330	10	10	333	1910	U	1.9
Indeno (1,2,3-cd) pyrene		330	10	10	333	1910	U	1.9
Dibenzo (a,h) anthracene		330	10	10	333	1910	U	1.9
Benzo (g,h,i) perylene		330	10	10	333	1910	U	1.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		11	53	25-121
Phenol-d6		8	41	24-113
Nitrobenzene-d5		11	56	23-120
2-Fluorobiphenyl		13	64	30-115
2,4,6-Tribromophenol		13	66	19-122
Terphenyl-d14		13	63	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-49	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04483	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	399	U	0.4
Phenol		550	10	10	333	399	U	0.4
2-Chlorophenol		550	10	10	333	399	U	0.4
1,3-Dichlorobenzene		330	10	10	333	399	U	0.4
1,4-Dichlorobenzene		330	10	10	333	399	U	0.4
1,2-Dichlorobenzene		330	10	10	333	399	U	0.4
Benzyl Alcohol		330	10	10	333	399	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	399	U	0.4
2-Methylphenol		550	10	10	333	399	U	0.4
Hexachloroethane		330	10	10	333	399	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	399	U	0.4
4-Methylphenol		550	10	10	333	399	U	0.4
Nitrobenzene		330	10	10	333	399	U	0.4
Isophorone		330	10	10	333	399	U	0.4
2-Nitrophenol		550	10	10	333	399	U	0.4
2,4-Dimethylphenol		550	10	10	333	399	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	399	U	0.4
2,4-Dichlorophenol		550	10	10	333	399	U	0.4
Benzoic Acid		330	10	10	333	399	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	399	U	0.4
Naphthalene		**330**	**83**	**83**	**2757**	**3301**		**3.3**
4-Chloroaniline		330	10	10	333	399	U	0.4
Hexachlorobutadiene		330	10	10	333	399	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	399	U	0.4
2-Methylnaphthalene		**330**	**19**	**19**	**643**	**770**		**0.8**
Hexachlorocyclopentadiene		330	10	10	333	399	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	399	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	399	U	0.4
2-Chloronaphthalene		330	10	10	333	399	U	0.4
2-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthalene		330	10	10	333	399	U	0.4
Dimethylphthalate		1500	10	10	333	399	U	0.4
2,6-Dinitrotoluene		330	10	10	333	399	U	0.4
3-Nitroaniline		330	10	10	333	399	U	0.4
Acenaphthene		**330**	**109**	**109**	**3621**	**4337**		**4.3**
2,4-Dinitrophenol		550	10	10	333	399	U	0.4
Dibenzofuran		**330**	**86**	**86**	**2873**	**3441**		**3.4**
2,4-Dinitrotoluene		330	10	10	333	399	U	0.4
4-Nitrophenol		550	10	10	333	399	U	0.4
Fluorene		***550***	**138**	**138**	**4588**	**5495**	**E**	**5.5**
4-Chlorophenyl-phenyl ether		330	10	10	333	399	U	0.4
Diethylphthalate		1500	10	10	333	399	U	0.4
4-Nitroaniline		330	10	10	333	399	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	399	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	399	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	399	U	0.4
Hexachlorobenzene		330	10	10	333	399	U	0.4
Pentachlorophenol		550	10	10	333	399	U	0.4
Phenanthrene		**330**	**930**	**930**	**31010**	**37138**	**E**	**37**
Anthracene		**330**	**258**	**258**	**8585**	**10281**	**E**	**10**
Di-n-butylphthalate		1500	10	10	333	399	U	0.4
Fluoranthene		**330**	**590**	**590**	**19678**	**23566**	**E**	**24**
Pyrene		**330**	**2706**	**2706**	**90191**	**108013**	**E**	**108**
Butylbenzylphthalate		1500	10	10	333	399	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	399	U	0.4
Benzo (a) anthracene		**330**	**440**	**440**	**14672**	**17572**	**E**	**18**
Chrysene		**330**	**514**	**514**	**17150**	**20539**	**E**	**21**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	399	U	0.4
Di-n-octylphthalate		1500	10	10	333	399	U	0.4
Benzo (b) fluoranthene		**330**	**617**	**617**	**20568**	**24632**	**E**	**25**
Benzo (k) fluoranthene		**330**	**144**	**144**	**4787**	**5733**	**E**	**5.7**
Benzo (a) pyrene		**330**	**439**	**439**	**14631**	**17522**	**E**	**18**
Indeno (1,2,3-cd) pyrene		**330**	**414**	**414**	**13813**	**16542**	**E**	**17**
Dibenzo (a,h) anthracene		330	10	10	333	399	U	0.4
Benzo (g,h,i) perylene		**330**	**368**	**368**	**12262**	**14685**	**E**	**15**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		53	53	25-121
Phenol-d6		48	48	24-113
Nitrobenzene-d5		51	51	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		81	81	19-122
Terphenyl-d14		168	168	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group.	URS111501	Lab Prep Date.	11/16/01
Lab Sample ID	URS111501-03DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-49	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix.	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name:	SA04515	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3992	U	4.0
Phenol		550	10	10	333	3992	U	4.0
2-Chlorophenol		550	10	10	333	3992	U	4.0
1,3-Dichlorobenzene		330	10	10	333	3992	U	4.0
1,4-Dichlorobenzene		330	10	10	333	3992	U	4.0
1,2-Dichlorobenzene		330	10	10	333	3992	U	4.0
Benzyl Alcohol		330	10	10	333	3992	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	3992	U	4.0
2-Methylphenol		550	10	10	333	3992	U	4.0
Hexachloroethane		330	10	10	333	3992	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	3992	U	4.0
4-Methylphenol		550	10	10	333	3992	U	4.0
Nitrobenzene		330	10	10	333	3992	U	4.0
Isophorone		330	10	10	333	3992	U	4.0
2-Nitrophenol		550	10	10	333	3992	U	4.0
2,4-Dimethylphenol		550	10	10	333	3992	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	3992	U	4.0
2,4-Dichlorophenol		550	10	10	333	3992	U	4.0
Benzoic Acid		330	10	10	333	3992	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	3992	U	4.0
Naphthalene		**330**	**9**	**9**	**308**	**3689**	**J**	**3.7**
4-Chloroaniline		330	10	10	333	3992	U	4.0
Hexachlorobutadiene		330	10	10	333	3992	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	3992	U	4.0
2-Methylnaphthalene		330	10	10	333	3992	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	3992	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	3992	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	3992	U	4.0
2-Chloronaphthalene		330	10	10	333	3992	U	4.0
2-Nitroaniline		330	10	10	333	3992	U	4.0
Acenaphthalene		330	10	10	333	3992	U	4.0
Dimethylphthalate		1500	10	10	333	3992	U	4.0
2,6-Dinitrotoluene		330	10	10	333	3992	U	4.0
3-Nitroaniline		330	10	10	333	3992	U	4.0
Acenaphthene		**330**	**9**	**9**	**308**	**3685**	**J**	**3.7**
2,4-Dinitrophenol		550	10	10	333	3992	U	4.0
Dibenzofuran		**330**	**7**	**7**	**218**	**2615**	**J**	**2.6**
2,4-Dinitrotoluene		330	10	10	333	3992	U	4.0
4-Nitrophenol		550	10	10	333	3992	U	4.0
Fluorene		**550**	**11**	**11**	**379**	**4543**		**4.5**
4-Chlorophenyl-phenyl ether		330	10	10	333	3992	U	4.0
Diethylphthalate		1500	10	10	333	3992	U	4.0
4-Nitroaniline		330	10	10	333	3992	U	4.0
4,6-Dinitro-2-methylphenol		*550*	*10*	*10*	*333*	*3992*	*U*	*4.0*
N-Nitrosodiphenylamine		330	10	10	333	3992	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	3992	U	4.0
Hexachlorobenzene		330	10	10	333	3992	U	4.0
Pentachlorophenol		550	10	10	333	3992	U	4.0
Phenanthrene		**330**	**166**	**166**	**5541**	**66363**	**E**	**66**
Anthracene		**330**	**36**	**36**	**1195**	**14307**		**14**
Di-n-butylphthalate		1500	10	10	333	3992	U	4.0
Fluoranthene		**330**	**191**	**191**	**6353**	**76080**	**E**	**76**
Pyrene		**330**	**185**	**185**	**6153**	**73693**	**E**	**74**
Butylbenzylphthalate		1500	10	10	333	3992	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	3992	U	4.0
Benzo (a) anthracene		**330**	**51**	**51**	**1702**	**20387**		**20**
Chrysene		**330**	**52**	**52**	**1742**	**20866**		**21**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3992	U	4.0
Di-n-octylphthalate		1500	10	10	333	3992	U	4.0
Benzo (b) fluoranthene		**330**	**46**	**46**	**1539**	**18435**		**18**
Benzo (k) fluoranthene		**330**	**15**	**15**	**486**	**5816**		**5.8**
Benzo (a) pyrene		**330**	**35**	**35**	**1170**	**14008**		**14**
Indeno (1,2,3-cd) pyrene		**330**	**33**	**33**	**1089**	**13042**		**13**
Dibenzo (a,h) anthracene		330	10	10	333	3992	U	4.0
Benzo (g,h,I) perylene		**330**	**33**	**33**	**1095**	**13114**		**13**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5	52	25-121
Phenol-d6		3	31	24-113
Nitrobenzene-d5		4	44	23-120
2-Fluorobiphenyl		6	63	30-115
2,4,6-Tribromophenol		6	58	19-122
Terphenyl-d14		10	105	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111501	Lab Prep Date	11/16/01
Lab Sample ID:	URS111501-03DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-49	Prep Method 2	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	20
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	84
Lab Data File Name.	*SA04550*	*Laboratory Code:*	*STL-OST*

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	7984	U	8.0
Phenol		550	10	10	333	7984	U	8.0
2-Chlorophenol		550	10	10	333	7984	U	8.0
1,3-Dichlorobenzene		330	10	10	333	7984	U	8.0
1,4-Dichlorobenzene		330	10	10	333	7984	U	8.0
1,2-Dichlorobenzene		330	10	10	333	7984	U	8.0
Benzyl Alcohol		330	10	10	333	7984	U	8.0
bis (2-Chloroisopropyl) ether		330	10	10	333	7984	U	8.0
2-Methylphenol		550	10	10	333	7984	U	8.0
Hexachloroethane		330	10	10	333	7984	U	8.0
N-Nitroso-di-n-propylamine		330	10	10	333	7984	U	8.0
4-Methylphenol		550	10	10	333	7984	U	8.0
Nitrobenzene		330	10	10	333	7984	U	8.0
Isophorone		330	10	10	333	7984	U	8.0
2-Nitrophenol		550	10	10	333	7984	U	8.0
2,4-Dimethylphenol		550	10	10	333	7984	U	8.0
bis (2-Chloroethoxy) methane		330	10	10	333	7984	U	8.0
2,4-Dichlorophenol		550	10	10	333	7984	U	8.0
Benzoic Acid		330	10	10	333	7984	U	8.0
1,2,4-Trichlorobenzene		330	10	10	333	7984	U	8.0
Naphthalene		330	10	10	333	7984	U	8.0
4-Chloroaniline		330	10	10	333	7984	U	8.0
Hexachlorobutadiene		330	10	10	333	7984	U	8.0
4-Chloro-3-methylphenol		330	10	10	333	7984	U	8.0
2-Methylnaphthalene		330	10	10	333	7984	U	8.0
Hexachlorocyclopentadiene		330	10	10	333	7984	U	8.0
2,4,6-Trichlorophenol		550	10	10	333	7984	U	8.0
2,4,5-Trichlorophenol		550	10	10	333	7984	U	8.0
2-Chloronaphthalene		330	10	10	333	7984	U	8.0
2-Nitroaniline		330	10	10	333	7984	U	8.0
Acenaphthalene		330	10	10	333	7984	U	8.0
Dimethylphthalate		1500	10	10	333	7984	U	8.0
2,6-Dinitrotoluene		330	10	10	333	7984	U	8.0
3-Nitroaniline		330	10	10	333	7984	U	8.0
Acenaphthene		330	10	10	333	7984	U	8.0
2,4-Dinitrophenol		550	10	10	333	7984	U	8.0
Dibenzofuran		330	10	10	333	7984	U	8.0
2,4-Dinitrotoluene		330	10	10	333	7984	U	8.0
4-Nitrophenol		550	10	10	333	7984	U	8.0
Fluorene		**550**	**5**	**5**	**182**	**4359**	**J**	**4.4**
4-Chlorophenyl-phenyl ether		330	10	10	333	7984	U	8.0
Diethylphthalate		1500	10	10	333	7984	U	8.0
4-Nitroaniline		330	10	10	333	7984	U	8.0
4,6-Dinitro-2-methylphenol		550	10	10	333	7984	U	8.0
N-Nitrosodiphenylamine		330	10	10	333	7984	U	8.0
4-Bromophenyl-phenylether		330	10	10	333	7984	U	8.0
Hexachlorobenzene		330	10	10	333	7984	U	8.0
Pentachlorophenol		550	10	10	333	7984	U	8.0
Phenanthrene		**330**	**76**	**76**	**2531**	**60623**		**61**
Anthracene		**330**	**15**	**15**	**515**	**12327**		**12**
Di-n-butylphthalate		1500	10	10	333	7984	U	8.0
Fluoranthene		**330**	**86**	**86**	**2856**	**68415**		**68**
Pyrene		**330**	**78**	**78**	**2603**	**62355**		**62**
Butylbenzylphthalate		1500	10	10	333	7984	U	8.0
3,3-Dichlorobenzidine		330	10	10	333	7984	U	8.0
Benzo (a) anthracene		**330**	**23**	**23**	**760**	**18212**		**18**
Chrysene		**330**	**27**	**27**	**897**	**21485**		**21**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	7984	U	8.0
Di-n-octylphthalate		1500	10	10	333	7984	U	8.0
Benzo (b) fluoranthene		330	10	10	333	7984	U	8.0
Benzo (k) fluoranthene		330	10	10	333	7984	U	8.0
Benzo (a) pyrene		330	10	10	333	7984	U	8.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	7984	U	8.0
Dibenzo (a,h) anthracene		330	10	10	333	7984	U	8.0
Benzo (g,h,i) perylene		330	10	10	333	7984	U	8.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	41	25-121
Phenol-d6		1	24	24-113
Nitrobenzene-d5		0	2	23-120
2-Fluorobiphenyl		3	64	30-115
2,4,6-Tribromophenol		3	54	19-122
Terphenyl-d14		5	102	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-53	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	85
Lab Data File Name:	SA04484	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	391	U	0.4
Phenol		550	10	10	333	391	U	0.4
2-Chlorophenol		550	10	10	333	391	U	0.4
1,3-Dichlorobenzene		330	10	10	333	391	U	0.4
1,4-Dichlorobenzene		330	10	10	333	391	U	0.4
1,2-Dichlorobenzene		330	10	10	333	391	U	0.4
Benzyl Alcohol		330	10	10	333	391	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	391	U	0.4
2-Methylphenol		550	10	10	333	391	U	0.4
Hexachloroethane		330	10	10	333	391	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	391	U	0.4
4-Methylphenol		550	10	10	333	391	U	0.4
Nitrobenzene		330	10	10	333	391	U	0.4
Isophorone		330	10	10	333	391	U	0.4
2-Nitrophenol		550	10	10	333	391	U	0.4
2,4-Dimethylphenol		550	10	10	333	391	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	391	U	0.4
2,4-Dichlorophenol		550	10	10	333	391	U	0.4
Benzoic Acid		330	10	10	333	391	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	391	U	0.4
Naphthalene		330	10	10	333	391	U	0.4
4-Chloroaniline		330	10	10	333	391	U	0.4
Hexachlorobutadiene		330	10	10	333	391	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	391	U	0.4
2-Methylnaphthalene		330	10	10	333	391	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	391	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	391	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	391	U	0.4
2-Chloronaphthalene		330	10	10	333	391	U	0.4
2-Nitroaniline		330	10	10	333	391	U	0.4
Acenaphthalene		330	10	10	333	391	U	0.4
Dimethylphthalate		1500	10	10	333	391	U	0.4
2,6-Dinitrotoluene		330	10	10	333	391	U	0.4
3-Nitroaniline		330	10	10	333	391	U	0.4
Acenaphthene		**330**	**34**	**34**	**1128**	**1324**		**1.3**
2,4-Dinitrophenol		550	10	10	333	391	U	0.4
Dibenzofuran		**330**	**18**	**18**	**606**	**712**		**0.7**
2,4-Dinitrotoluene		330	10	10	333	391	U	0.4
4-Nitrophenol		550	10	10	333	391	U	0.4
Fluorene		**550**	**23**	**23**	**760**	**892**		**0.9**
4-Chlorophenyl-phenyl ether		330	10	10	333	391	U	0.4
Diethylphthalate		1500	10	10	333	391	U	0.4
4-Nitroaniline		330	10	10	333	391	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	391	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	391	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	391	U	0.4
Hexachlorobenzene		330	10	10	333	391	U	0.4
Pentachlorophenol		550	10	10	333	391	U	0.4
Phenanthrene		**330**	**282**	**282**	**9384**	**11016**	**E**	**11.0**
Anthracene		**330**	**85**	**85**	**2845**	**3340**		**3.3**
Di-n-butylphthalate		1500	10	10	333	391	U	0.4
Fluoranthene		**330**	**363**	**363**	**12113**	**14220**	**E**	**14.2**
Pyrene		**330**	**1581**	**1581**	**52716**	**61887**	**E**	**61.9**
Butylbenzylphthalate		1500	10	10	333	391	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	391	U	0.4
Benzo (a) anthracene		**330**	**121**	**121**	**4040**	**4743**	**E**	**4.7**
Chrysene		**330**	**142**	**142**	**4739**	**5564**	**E**	**5.6**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	391	U	0.4
Di-n-octylphthalate		1500	10	10	333	391	U	0.4
Benzo (b) fluoranthene		**330**	**127**	**127**	**4231**	**4967**	**E**	**5.0**
Benzo (k) fluoranthene		**330**	**45**	**45**	**1509**	**1772**		**1.8**
Benzo (a) pyrene		**330**	**70**	**70**	**2325**	**2729**		**2.7**
Indeno (1,2,3-cd) pyrene		**330**	**100**	**100**	**3318**	**3896**		**3.9**
Dibenzo (a,h) anthracene		330	10	10	333	391	U	0.4
Benzo (g,h,i) perylene		**330**	**96**	**96**	**3199**	**3756**		**3.8**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		64	64	25-121
Phenol-d6		59	59	24-113
Nitrobenzene-d5		63	63	23-120
2-Fluorobiphenyl		92	92	30-115
2,4,6-Tribromophenol		94	94	19-122
Terphenyl-d14		461	461	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-04DL	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-53	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	85
Lab Data File Name:	SA04516	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3913	U	3.9
Phenol		550	10	10	333	3913	U	3.9
2-Chlorophenol		550	10	10	333	3913	U	3.9
1,3-Dichlorobenzene		330	10	10	333	3913	U	3.9
1,4-Dichlorobenzene		330	10	10	333	3913	U	3.9
1,2-Dichlorobenzene		330	10	10	333	3913	U	3.9
Benzyl Alcohol		330	10	10	333	3913	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10	333	3913	U	3.9
2-Methylphenol		550	10	10	333	3913	U	3.9
Hexachloroethane		330	10	10	333	3913	U	3.9
N-Nitroso-di-n-propylamine		330	10	10	333	3913	U	3.9
4-Methylphenol		550	10	10	333	3913	U	3.9
Nitrobenzene		330	10	10	333	3913	U	3.9
Isophorone		330	10	10	333	3913	U	3.9
2-Nitrophenol		550	10	10	333	3913	U	3.9
2,4-Dimethylphenol		550	10	10	333	3913	U	3.9
bis (2-Chloroethoxy) methane		330	10	10	333	3913	U	3.9
2,4-Dichlorophenol		550	10	10	333	3913	U	3.9
Benzoic Acid		330	10	10	333	3913	U	3.9
1,2,4-Trichlorobenzene		330	10	10	333	3913	U	3.9
Naphthalene		330	10	10	333	3913	U	3.9
4-Chloroaniline		330	10	10	333	3913	U	3.9
Hexachlorobutadiene		330	10	10	333	3913	U	3.9
4-Chloro-3-methylphenol		330	10	10	333	3913	U	3.9
2-Methylnaphthalene		330	10	10	333	3913	U	3.9
Hexachlorocyclopentadiene		330	10	10	333	3913	U	3.9
2,4,6-Trichlorophenol		550	10	10	333	3913	U	3.9
2,4,5-Trichlorophenol		550	10	10	333	3913	U	3.9
2-Chloronaphthalene		330	10	10	333	3913	U	3.9
2-Nitroaniline		330	10	10	333	3913	U	3.9
Acenaphthalene		330	10	10	333	3913	U	3.9
Dimethylphthalate		1500	10	10	333	3913	U	3.9
2,6-Dinitrotoluene		330	10	10	333	3913	U	3.9
3-Nitroaniline		330	10	10	333	3913	U	3.9
Acenaphthene		330	10	10	333	3913	U	3.9
2,4-Dinitrophenol		550	10	10	333	3913	U	3.9
Dibenzofuran		330	10	10	333	3913	U	3.9
2,4-Dinitrotoluene		330	10	10	333	3913	U	3.9
4-Nitrophenol		550	10	10	333	3913	U	3.9
Fluorene		550	10	10	333	3913	U	3.9
4-Chlorophenyl-phenyl ether		330	10	10	333	3913	U	3.9
Diethylphthalate		1500	10	10	333	3913	U	3.9
4-Nitroaniline		330	10	10	333	3913	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10	333	3913	U	3.9
N-Nitrosodiphenylamine		330	10	10	333	3913	U	3.9
4-Bromophenyl-phenylether		330	10	10	333	3913	U	3.9
Hexachlorobenzene		330	10	10	333	3913	U	3.9
Pentachlorophenol		550	10	10	333	3913	U	3.9
Phenanthrene		330	23	23	756	8875		8.9
Anthracene		330	6	6	205	2407	J	2.4
Di-n-butylphthalate		1500	10	10	333	3913	U	3.9
Fluoranthene		330	35	35	1177	13814		13.8
Pyrene		330	23	23	779	9149		9.1
Butylbenzylphthalate		1500	10	10	333	3913	U	3.9
3,3-Dichlorobenzidine		330	10	10	333	3913	U	3.9
Benzo (a) anthracene		330	10	10	331	3882	J	3.9
Chrysene		330	13	13	417	4899		4.9
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3913	U	3.9
Di-n-octylphthalate		1500	10	10	333	3913	U	3.9
Benzo (b) fluoranthene		330	20	20	682	8010		8.0
Benzo (k) fluoranthene		330	9	9	316	3714	J	3.7
Benzo (a) pyrene		330	8	8	253	2966	J	3.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	3913	U	3.9
Dibenzo (a,h) anthracene		330	10	10	333	3913	U	3.9
Benzo (g,h,i) perylene		330	10	10	333	3913	U	3.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5	52	25-121
Phenol-d6		3	30	24-113
Nitrobenzene-d5		4	37	23-120
2-Fluorobiphenyl		6	58	30-115
2,4,6-Tribromophenol		6	57	19-122
Terphenyl-d14		5	55	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-54	Prep Method 2:	
Date Sample Collected.	11/15/01	Lab Analysis Date.	11/18/01
Date Sample Received	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	87
Lab Data File Name:	SA04485	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	384	U	0.4
Phenol		550	10	10	333	384	U	0.4
2-Chlorophenol		550	10	10	333	384	U	0.4
1,3-Dichlorobenzene		330	10	10	333	384	U	0.4
1,4-Dichlorobenzene		330	10	10	333	384	U	0.4
1,2-Dichlorobenzene		330	10	10	333	384	U	0.4
Benzyl Alcohol		330	10	10	333	384	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	384	U	0.4
2-Methylphenol		550	10	10	333	384	U	0.4
Hexachloroethane		330	10	10	333	384	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	384	U	0.4
4-Methylphenol		550	10	10	333	384	U	0.4
Nitrobenzene		330	10	10	333	384	U	0.4
Isophorone		330	10	10	333	384	U	0.4
2-Nitrophenol		550	10	10	333	384	U	0.4
2,4-Dimethylphenol		550	10	10	333	384	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	384	U	0.4
2,4-Dichlorophenol		550	10	10	333	384	U	0.4
Benzoic Acid		330	10	10	333	384	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	384	U	0.4
Naphthalene		**330**	**26**	**26**	**874**	**1007**		**1.0**
4-Chloroaniline		330	10	10	333	384	U	0.4
Hexachlorobutadiene		330	10	10	333	384	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	384	U	0.4
2-Methylnaphthalene		**330**	**14**	**14**	**457**	**526**		**0.5**
Hexachlorocyclopentadiene		330	10	10	333	384	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	384	U	0.4
2,4,5-Trichlorophenol		550	10	10	333	384	U	0.4
2-Chloronaphthalene		330	10	10	333	384	U	0.4
2-Nitroaniline		330	10	10	333	384	U	0.4
Acenaphthalene		330	10	10	333	384	U	0.4
Dimethylphthalate		1500	10	10	333	384	U	0.4
2,6-Dinitrotoluene		330	10	10	333	384	U	0.4
3-Nitroaniline		330	10	10	333	384	U	0.4
Acenaphthene		**330**	**72**	**72**	**2395**	**2758**		**2.8**
2,4-Dinitrophenol		550	10	10	333	384	U	0.4
Dibenzofuran		**330**	**51**	**51**	**1694**	**1951**		**2.0**
2,4-Dinitrotoluene		330	10	10	333	384	U	0.4
4-Nitrophenol		550	10	10	333	384	U	0.4
Fluorene		**550**	**102**	**102**	**3406**	**3922**		**3.9**
4-Chlorophenyl-phenyl ether		330	10	10	333	384	U	0.4
Diethylphthalate		1500	10	10	333	384	U	0.4
4-Nitroaniline		330	10	10	333	384	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	384	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	384	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	384	U	0.4
Hexachlorobenzene		330	10	10	333	384	U	0.4
Pentachlorophenol		550	10	10	333	384	U	0.4
Phenanthrene		**330**	**788**	**788**	**26276**	**30261**	**E**	**30**
Anthracene		**330**	**254**	**254**	**8470**	**9755**	**E**	**9.8**
Di-n-butylphthalate		1500	10	10	333	384	U	0.4
Fluoranthene		**330**	**481**	**481**	**16018**	**18448**	**E**	**18**
Pyrene		**330**	**2600**	**2600**	**86651**	**99794**	**E**	**100**
Butylbenzylphthalate		1500	10	10	333	384	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	384	U	0.4
Benzo (a) anthracene		**330**	**434**	**434**	**14473**	**16668**	**E**	**17**
Chrysene		**330**	**467**	**467**	**15580**	**17943**	**E**	**18**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	384	U	0.4
Di-n-octylphthalate		1500	10	10	333	384	U	0.4
Benzo (b) fluoranthene		**330**	**499**	**499**	**16628**	**19150**	**E**	**19**
Benzo (k) fluoranthene		**330**	**130**	**130**	**4345**	**5004**	**E**	**5.0**
Benzo (a) pyrene		**330**	**397**	**397**	**13219**	**15224**	**E**	**15**
Indeno (1,2,3-cd) pyrene		**330**	**363**	**363**	**12112**	**13949**	**E**	**14**
Dibenzo (a,h) anthracene		**330**	**126**	**126**	**4185**	**4819**	**E**	**4.8**
Benzo (g,h,I) perylene		**330**	**337**	**337**	**11231**	**12935**	**E**	**13**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		27	27	25-121
Phenol-d6		22	22	24-113
Nitrobenzene-d5		28	28	23-120
2-Fluorobiphenyl		34	34	30-115
2,4,6-Tribromophenol		33	33	19-122
Terphenyl-d14		81	81	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-05DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-54	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	87
Lab Data File Name:	SA04517	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3839	U	3.8
Phenol		550	10	10	333	3839	U	3.8
2-Chlorophenol		550	10	10	333	3839	U	3.8
1,3-Dichlorobenzene		330	10	10	333	3839	U	3.8
1,4-Dichlorobenzene		330	10	10	333	3839	U	3.8
1,2-Dichlorobenzene		330	10	10	333	3839	U	3.8
Benzyl Alcohol		330	10	10	333	3839	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10	333	3839	U	3.8
2-Methylphenol		550	10	10	333	3839	U	3.8
Hexachloroethane		330	10	10	333	3839	U	3.8
N-Nitroso-di-n-propylamine		330	10	10	333	3839	U	3.8
4-Methylphenol		550	10	10	333	3839	U	3.8
Nitrobenzene		330	10	10	333	3839	U	3.8
Isophorone		330	10	10	333	3839	U	3.8
2-Nitrophenol		550	10	10	333	3839	U	3.8
2,4-Dimethylphenol		550	10	10	333	3839	U	3.8
bis (2-Chloroethoxy) methane		330	10	10	333	3839	U	3.8
2,4-Dichlorophenol		550	10	10	333	3839	U	3.8
Benzoic Acid		330	10	10	333	3839	U	3.8
1,2,4-Trichlorobenzene		330	10	10	333	3839	U	3.8
Naphthalene		330	10	10	333	3839	U	3.8
4-Chloroaniline		330	10	10	333	3839	U	3.8
Hexachlorobutadiene		330	10	10	333	3839	U	3.8
4-Chloro-3-methylphenol		330	10	10	333	3839	U	3.8
2-Methylnaphthalene		330	10	10	333	3839	U	3.8
Hexachlorocyclopentadiene		330	10	10	333	3839	U	3.8
2,4,6-Trichlorophenol		550	10	10	333	3839	U	3.8
2,4,5-Trichlorophenol		550	10	10	333	3839	U	3.8
2-Chloronaphthalene		330	10	10	333	3839	U	3.8
2-Nitroaniline		330	10	10	333	3839	U	3.8
Acenaphthalene		330	10	10	333	3839	U	3.8
Dimethylphthalate		1500	10	10	333	3839	U	3.8
2,6-Dinitrotoluene		330	10	10	333	3839	U	3.8
3-Nitroaniline		330	10	10	333	3839	U	3.8
Acenaphthene		**330**	**6**	**6**	**199**	**2296**	**J**	**2.3**
2,4-Dinitrophenol		550	10	10	333	3839	U	3.8
Dibenzofuran		330	10	10	333	3839	U	3.8
2,4-Dinitrotoluene		330	10	10	333	3839	U	3.8
4-Nitrophenol		550	10	10	333	3839	U	3.8
Fluorene		**550**	**8**	**8**	**266**	**3067**	**J**	**3.1**
4-Chlorophenyl-phenyl ether		330	10	10	333	3839	U	3.8
Diethylphthalate		1500	10	10	333	3839	U	3.8
4-Nitroaniline		330	10	10	333	3839	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10	333	3839	U	3.8
N-Nitrosodiphenylamine		330	10	10	333	3839	U	3.8
4-Bromophenyl-phenylether		330	10	10	333	3839	U	3.8
Hexachlorobenzene		330	10	10	333	3839	U	3.8
Pentachlorophenol		550	10	10	333	3839	U	3.8
Phenanthrene		**330**	**134**	**134**	**4451**	**51261**	**E**	**51**
Anthracene		**330**	**33**	**33**	**1098**	**12649**		**13**
Di-n-butylphthalate		1500	10	10	333	3839	U	3.8
Fluoranthene		**330**	**199**	**199**	**6620**	**76241**	**E**	**76**
Pyrene		**330**	**220**	**220**	**7345**	**84594**	**E**	**85**
Butylbenzylphthalate		1500	10	10	333	3839	U	3.8
3,3-Dichlorobenzidine		330	10	10	333	3839	U	3.8
Benzo (a) anthracene		**330**	**49**	**49**	**1640**	**18887**		**19**
Chrysene		**330**	**52**	**52**	**1732**	**19951**		**20**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3839	U	3.8
Di-n-octylphthalate		1500	10	10	333	3839	U	3.8
Benzo (b) fluoranthene		**330**	**45**	**45**	**1486**	**17118**		**17**
Benzo (k) fluoranthene		**330**	**22**	**22**	**724**	**8342**		**8.3**
Benzo (a) pyrene		**330**	**35**	**35**	**1153**	**13275**		**13**
Indeno (1,2,3-cd) pyrene		**330**	**31**	**31**	**1042**	**12004**		**12**
Dibenzo (a,h) anthracene		330	10	10	333	3839	U	3.8
Benzo (g,h,I) perylene		**330**	**32**	**32**	**1079**	**12427**		**12.4**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	23	25-121
Phenol-d6		1	12	24-113
Nitrobenzene-d5		0	1	23-120
2-Fluorobiphenyl		3	29	30-115
2,4,6-Tribromophenol		3	26	19-122
Terphenyl-d14		6	64	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS1115-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-54	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	50
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	87
Lab Data File Name:	SA04551	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	19195	U	19
Phenol		550	10	10	333	19195	U	19
2-Chlorophenol		550	10	10	333	19195	U	19
1,3-Dichlorobenzene		330	10	10	333	19195	U	19
1,4-Dichlorobenzene		330	10	10	333	19195	U	19
1,2-Dichlorobenzene		330	10	10	333	19195	U	19
Benzyl Alcohol		330	10	10	333	19195	U	19
bis (2-Chloroisopropyl) ether		330	10	10	333	19195	U	19
2-Methylphenol		550	10	10	333	19195	U	19
Hexachloroethane		330	10	10	333	19195	U	19
N-Nitroso-di-n-propylamine		330	10	10	333	19195	U	19
4-Methylphenol		550	10	10	333	19195	U	19
Nitrobenzene		330	10	10	333	19195	U	19
Isophorone		330	10	10	333	19195	U	19
2-Nitrophenol		550	10	10	333	19195	U	19
2,4-Dimethylphenol		550	10	10	333	19195	U	19
bis (2-Chloroethoxy) methane		330	10	10	333	19195	U	19
2,4-Dichlorophenol		550	10	10	333	19195	U	19
Benzoic Acid		330	10	10	333	19195	U	19
1,2,4-Trichlorobenzene		330	10	10	333	19195	U	19
Naphthalene		330	10	10	333	19195	U	19
4-Chloroaniline		330	10	10	333	19195	U	19
Hexachlorobutadiene		330	10	10	333	19195	U	19
4-Chloro-3-methylphenol		330	10	10	333	19195	U	19
2-Methylnaphthalene		330	10	10	333	19195	U	19
Hexachlorocyclopentadiene		330	10	10	333	19195	U	19
2,4,6-Trichlorophenol		550	10	10	333	19195	U	19
2,4,5-Trichlorophenol		550	10	10	333	19195	U	19
2-Chloronaphthalene		330	10	10	333	19195	U	19
2-Nitroaniline		330	10	10	333	19195	U	19
Acenaphthalene		330	10	10	333	19195	U	19
Dimethylphthalate		1500	10	10	333	19195	U	19
2,6-Dinitrotoluene		330	10	10	333	19195	U	19
3-Nitroaniline		330	10	10	333	19195	U	19
Acenaphthene		330	10	10	333	19195	U	19
2,4-Dinitrophenol		550	10	10	333	19195	U	19
Dibenzofuran		330	10	10	333	19195	U	19
2,4-Dinitrotoluene		330	10	10	333	19195	U	19
4-Nitrophenol		550	10	10	333	19195	U	19
Fluorene		550	10	10	333	19195	U	19
4-Chlorophenyl-phenyl ether		330	10	10	333	19195	U	19
Diethylphthalate		1500	10	10	333	19195	U	19
4-Nitroaniline		330	10	10	333	19195	U	19
4,6-Dinitro-2-methylphenol		550	10	10	333	19195	U	19
N-Nitrosodiphenylamine		330	10	10	333	19195	U	19
4-Bromophenyl-phenylether		330	10	10	333	19195	U	19
Hexachlorobenzene		330	10	10	333	19195	U	19
Pentachlorophenol		550	10	10	333	19195	U	19
Phenanthrene		330	21	21	714	41134		41
Anthracene		330	6	6	188	10807	J	11
Di-n-butylphthalate		1500	10	10	333	19195	U	19
Fluoranthene		330	30	30	996	57334		57
Pyrene		330	28	28	933	53745		54
Butylbenzylphthalate		1500	10	10	333	19195	U	19
3,3-Dichlorobenzidine		330	10	10	333	19195	U	19
Benzo (a) anthracene		330	10	10	326	18753	J	19
Chrysene		330	12	12	386	22227		22
bis (2-Ethylhexyl) phthalate		1500	10	10	333	19195	U	19
Di-n-octylphthalate		1500	10	10	333	19195	U	19
Benzo (b) fluoranthene		330	10	10	333	19195	U	19
Benzo (k) fluoranthene		330	10	10	333	19195	U	19
Benzo (a) pyrene		330	10	10	333	19195	U	19
Indeno (1,2,3-cd) pyrene		330	10	10	333	19195	U	19
Dibenzo (a,h) anthracene		330	10	10	333	19195	U	19
Benzo (g,h,i) perylene		330	10	10	333	19195	U	19

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	13	25-121
Phenol-d6		0	0	24-113
Nitrobenzene-d5		0	1	23-120
2-Fluorobiphenyl		1	33	30-115
2,4,6-Tribromophenol		0	14	19-122
Terphenyl-d14		1	56	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date	11/16/01
Lab Sample ID:	URS111501-06	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-55	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/18/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	83
Lab Data File Name:	SA04486	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	402	U	0.4
Phenol		550	10	10	333	402	U	0.4
2-Chlorophenol		550	10	10	333	402	U	0.4
1,3-Dichlorobenzene		330	10	10	333	402	U	0.4
1,4-Dichlorobenzene		330	10	10	333	402	U	0.4
1,2-Dichlorobenzene		330	10	10	333	402	U	0.4
Benzyl Alcohol		330	10	10	333	402	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10	333	402	U	0.4
2-Methylphenol		550	10	10	333	402	U	0.4
Hexachloroethane		330	10	10	333	402	U	0.4
N-Nitroso-di-n-propylamine		330	10	10	333	402	U	0.4
4-Methylphenol		550	10	10	333	402	U	0.4
Nitrobenzene		330	10	10	333	402	U	0.4
Isophorone		330	10	10	333	402	U	0.4
2-Nitrophenol		550	10	10	333	402	U	0.4
2,4-Dimethylphenol		550	10	10	333	402	U	0.4
bis (2-Chloroethoxy) methane		330	10	10	333	402	U	0.4
2,4-Dichlorophenol		550	10	10	333	402	U	0.4
Benzoic Acid		330	10	10	333	402	U	0.4
1,2,4-Trichlorobenzene		330	10	10	333	402	U	0.4
Naphthalene		**330**	**7**	**7**	**229**	**276**	**U**	**0.3**
4-Chloroaniline		330	10	10	333	402	U	0.4
Hexachlorobutadiene		330	10	10	333	402	U	0.4
4-Chloro-3-methylphenol		330	10	10	333	402	U	0.4
2-Methylnaphthalene		330	10	10	333	402	U	0.4
Hexachlorocyclopentadiene		330	10	10	333	402	U	0.4
2,4,6-Trichlorophenol		550	10	10	333	402	U	0.4
2,4,5-Trichlorophenol		*550*	*10*	*10*	333	402	U	0.4
2-Chloronaphthalene		330	10	10	333	402	U	0.4
2-Nitroaniline		330	10	10	333	402	U	0.4
Acenaphthalene		330	10	10	333	402	U	0.4
Dimethylphthalate		1500	10	10	333	402	U	0.4
2,6-Dinitrotoluene		330	10	10	333	402	U	0.4
3-Nitroaniline		330	10	10	333	402	U	0.4
Acenaphthene		**330**	**12**	**12**	**395**	**477**		**0.5**
2,4-Dinitrophenol		550	10	10	333	402	U	0.4
Dibenzofuran		**330**	**5**	**5**	**181**	**218**	**J**	**0.2**
2,4-Dinitrotoluene		330	10	10	333	402	U	0.4
4-Nitrophenol		550	10	10	333	402	U	0.4
Fluorene		**550**	**11**	**11**	**363**	**438**		**0.4**
4-Chlorophenyl-phenyl ether		330	10	10	333	402	U	0.4
Diethylphthalate		1500	10	10	333	402	U	0.4
4-Nitroaniline		330	10	10	333	402	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10	333	402	U	0.4
N-Nitrosodiphenylamine		330	10	10	333	402	U	0.4
4-Bromophenyl-phenylether		330	10	10	333	402	U	0.4
Hexachlorobenzene		330	10	10	333	402	U	0.4
Pentachlorophenol		550	10	10	333	402	U	0.4
Phenanthrene		**330**	**159**	**159**	**5307**	**6397**	**E**	**6.4**
Anthracene		**330**	**38**	**38**	**1256**	**1514**		**1.5**
Di-n-butylphthalate		1500	10	10	333	402	U	0.4
Fluoranthene		**330**	**129**	**129**	**4307**	**5192**	**E**	**5.2**
Pyrene		**330**	**330**	**330**	**10990**	**13247**	**E**	**13**
Butylbenzylphthalate		1500	10	10	333	402	U	0.4
3,3-Dichlorobenzidine		330	10	10	333	402	U	0.4
Benzo (a) anthracene		**330**	**46**	**46**	**1545**	**1863**		**1.9**
Chrysene		**330**	**53**	**53**	**1751**	**2111**		**2.1**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	402	U	0.4
Di-n-octylphthalate		*1500*	*10*	*10*	333	*402*	*U*	*0.4*
Benzo (b) fluoranthene		**330**	**43**	**43**	**1427**	**1720**		**1.7**
Benzo (k) fluoranthene		**330**	**13**	**13**	**448**	**540**		**0.5**
Benzo (a) pyrene		**330**	**38**	**38**	**1271**	**1532**		**1.5**
Indeno (1,2,3-cd) pyrene		**330**	**35**	**35**	**1150**	**1386**		**1.4**
Dibenzo (a,h) anthracene		330	10	10	333	402	U	0.4
Benzo (g,h,i) perylene		**330**	**34**	**34**	**1134**	**1367**		**1.4**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		49	49	24-113
Nitrobenzene-d5		45	45	23-120
2-Fluorobiphenyl		72	72	30-115
2,4,6-Tribromophenol		89	89	19-122
Terphenyl-d14		286	286	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111501	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111501-06DL	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-55	Prep Method 2:	
Date Sample Collected:	11/15/01	Lab Analysis Date:	11/19/01
Date Sample Received:	11/15/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS007	Percent Solids:	83
Lab Data File Name:	SA04518	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4018	U	4.0
Phenol		550	10	10	333	4018	U	4.0
2-Chlorophenol		550	10	10	333	4018	U	4.0
1,3-Dichlorobenzene		330	10	10	333	4018	U	4.0
1,4-Dichlorobenzene		330	10	10	333	4018	U	4.0
1,2-Dichlorobenzene		330	10	10	333	4018	U	4.0
Benzyl Alcohol		330	10	10	333	4018	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	4018	U	4.0
2-Methylphenol		550	10	10	333	4018	U	4.0
Hexachloroethane		330	10	10	333	4018	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	4018	U	4.0
4-Methylphenol		550	10	10	333	4018	U	4.0
Nitrobenzene		330	10	10	333	4018	U	4.0
Isophorone		330	10	10	333	4018	U	4.0
2-Nitrophenol		550	10	10	333	4018	U	4.0
2,4-Dimethylphenol		550	10	10	333	4018	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	4018	U	4.0
2,4-Dichlorophenol		550	10	10	333	4018	U	4.0
Benzoic Acid		330	10	10	333	4018	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	4018	U	4.0
Naphthalene		330	10	10	333	4018	U	4.0
4-Chloroaniline		330	10	10	333	4018	U	4.0
Hexachlorobutadiene		330	10	10	333	4018	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	4018	U	4.0
2-Methylnaphthalene		330	10	10	333	4018	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	4018	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	4018	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	4018	U	4.0
2-Chloronaphthalene		330	10	10	333	4018	U	4.0
2-Nitroaniline		330	10	10	333	4018	U	4.0
Acenaphthalene		330	10	10	333	4018	U	4.0
Dimethylphthalate		1500	10	10	333	4018	U	4.0
2,6-Dinitrotoluene		330	10	10	333	4018	U	4.0
3-Nitroaniline		330	10	10	333	4018	U	4.0
Acenaphthene		330	10	10	333	4018	U	4.0
2,4-Dinitrophenol		550	10	10	333	4018	U	4.0
Dibenzofuran		330	10	10	333	4018	U	4.0
2,4-Dinitrotoluene		330	10	10	333	4018	U	4.0
4-Nitrophenol		550	10	10	333	4018	U	4.0
Fluorene		550	10	10	333	4018	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	4018	U	4.0
Diethylphthalate		1500	10	10	333	4018	U	4.0
4-Nitroaniline		330	10	10	333	4018	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	4018	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	4018	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	4018	U	4.0
Hexachlorobenzene		330	10	10	333	4018	U	4.0
Pentachlorophenol		550	10	10	333	4018	U	4.0
Phenanthrene		330	13	13	427	5143		5.1
Anthracene		330	10	10	333	4018	U	4.0
Di-n-butylphthalate		1500	10	10	333	4018	U	4.0
Fluoranthene		330	11	11	357	4299		4.3
Pyrene		330	9	9	307	3701	J	3.7
Butylbenzylphthalate		1500	10	10	333	4018	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	4018	U	4.0
Benzo (a) anthracene		330	6	6	184	2214	J	2.2
Chrysene		330	8	8	250	3018	J	3.0
bis (2-Ethylhexyl) phthalate		1500	10	10	333	4018	U	4.0
Di-n-octylphthalate		1500	10	10	333	4018	U	4.0
Benzo (b) fluoranthene		330	10	10	333	4018	U	4.0
Benzo (k) fluoranthene		330	10	10	333	4018	U	4.0
Benzo (a) pyrene		330	10	10	333	4018	U	4.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	4018	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	4018	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	4018	U	4.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4	40	25-121
Phenol-d6		3	29	24-113
Nitrobenzene-d5		3	31	23-120
2-Fluorobiphenyl		5	53	30-115
2,4,6-Tribromophenol		6	60	19-122
Terphenyl-d14		6	64	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111601	Lab Prep Date	11/17/01
Lab Sample ID:	URS111601-01	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-83	Prep Method 2	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units.	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW6270C	Spike Amount:	
Prep Batch Number.	QCS008	Percent Solids:	80
Lab Data File Name:	SA04532	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	418	U	0.418
Phenol		550	10	10	333	418	U	0.418
2-Chlorophenol		550	10	10	333	418	U	0.418
1,3-Dichlorobenzene		330	10	10	333	418	U	0.418
1,4-Dichlorobenzene		330	10	10	333	418	U	0.418
1,2-Dichlorobenzene		330	10	10	333	418	U	0.418
Benzyl Alcohol		330	10	10	333	418	U	0.418
bis (2-Chloroisopropyl) ether		330	10	10	333	418	U	0.418
2-Methylphenol		550	10	10	333	418	U	0.418
Hexachloroethane		330	10	10	333	418	U	0.418
N-Nitroso-di-n-propylamine		330	10	10	333	418	U	0.418
4-Methylphenol		550	10	10	333	418	U	0.418
Nitrobenzene		330	10	10	333	418	U	0.418
Isophorone		330	10	10	333	418	U	0.418
2-Nitrophenol		550	10	10	333	418	U	0.418
2,4-Dimethylphenol		550	10	10	333	418	U	0.418
bis (2-Chloroethoxy) methane		330	10	10	333	418	U	0.418
2,4-Dichlorophenol		550	10	10	333	418	U	0.418
Benzoic Acid		330	10	10	333	418	U	0.418
1,2,4-Trichlorobenzene		330	10	10	333	418	U	0.418
Naphthalene		330	10	10	333	418	U	0.418
4-Chloroaniline		330	10	10	333	418	U	0.418
Hexachlorobutadiene		330	10	10	333	418	U	0.418
4-Chloro-3-methylphenol		330	10	10	333	418	U	0.418
2-Methylnaphthalene		330	10	10	333	418	U	0.418
Hexachlorocyclopentadiene		330	10	10	333	418	U	0.418
2,4,6-Trichlorophenol		550	10	10	333	418	U	0.418
2,4,5-Trichlorophenol		550	10	10	333	418	U	0.418
2-Chloronaphthalene		330	10	10	333	418	U	0.418
2-Nitroaniline		330	10	10	333	418	U	0.418
Acenaphthalene		330	10	10	333	418	U	0.418
Dimethylphthalate		1500	10	10	333	418	U	0.418
2,6-Dinitrotoluene		330	10	10	333	418	U	0.418
3-Nitroaniline		330	10	10	333	418	U	0.418
Acenaphthene		330	10	10	333	418	U	0.418
2,4-Dinitrophenol		550	10	10	333	418	U	0.418
Dibenzofuran		330	10	10	333	418	U	0.418
2,4-Dinitrotoluene		330	10	10	333	418	U	0.418
4-Nitrophenol		550	10	10	333	418	U	0.418
Fluorene		550	10	10	333	418	U	0.418
4-Chlorophenyl-phenyl ether		330	10	10	333	418	U	0.418
Diethylphthalate		1500	10	10	333	418	U	0.418
4-Nitroaniline		330	10	10	333	418	U	0.418
4,6-Dinitro-2-methylphenol		550	10	10	333	418	U	0.418
N-Nitrosodiphenylamine		330	10	10	333	418	U	0.418
4-Bromophenyl-phenylether		330	10	10	333	418	U	0.418
Hexachlorobenzene		330	10	10	333	418	U	0.418
Pentachlorophenol		550	10	10	333	418	U	0.418
Phenanthrene		330	10	10	333	418	U	0.418
Anthracene		330	10	10	333	418	U	0.418
Di-n-butylphthalate		1500	10	10	333	418	U	0.418
Fluoranthene		330	10	10	333	418	U	0.418
Pyrene		330	10	10	333	418	U	0.418
Butylbenzylphthalate		1500	10	10	333	418	U	0.418
3,3-Dichlorobenzidine		330	10	10	333	418	U	0.418
Benzo (a) anthracene		330	10	10	333	418	U	0.418
Chrysene		330	10	10	333	418	U	0.418
bis (2-Ethylhexyl) phthalate		1500	15	15	496	622		0.622
Di-n-octylphthalate		1500	10	10	333	418	U	0.418
Benzo (b) fluoranthene		330	10	10	333	418	U	0.418
Benzo (k) fluoranthene		330	10	10	333	418	U	0.418
Benzo (a) pyrene		330	10	10	333	418	U	0.418
Indeno (1,2,3-cd) pyrene		330	10	10	333	418	U	0.418
Dibenzo (a,h) anthracene		330	10	10	333	418	U	0.418
Benzo (g,h,i) perylene		330	10	10	333	418	U	0.418

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		52	52	25-121
Phenol-d6		47	47	24-113
Nitrobenzene-d5		73	73	23-120
2-Fluorobiphenyl		77	77	30-115
2,4,6-Tribromophenol		68	68	19-122
Terphenyl-d14		96	96	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111601-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-109	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	81
Lab Data File Name:	SA04537	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	409	U	0.409
Phenol		550	10	10	333	409	U	0.409
2-Chlorophenol		550	10	10	333	409	U	0.409
1,3-Dichlorobenzene		330	10	10	333	409	U	0.409
1,4-Dichlorobenzene		330	10	10	333	409	U	0.409
1,2-Dichlorobenzene		330	10	10	333	409	U	0.409
Benzyl Alcohol		330	10	10	333	409	U	0.409
bis (2-Chloroisopropyl) ether		330	10	10	333	409	U	0.409
2-Methylphenol		550	10	10	333	409	U	0.409
Hexachloroethane		330	10	10	333	409	U	0.409
N-Nitroso-di-n-propylamine		330	10	10	333	409	U	0.409
4-Methylphenol		550	10	10	333	409	U	0.409
Nitrobenzene		330	10	10	333	409	U	0.409
Isophorone		330	10	10	333	409	U	0.409
2-Nitrophenol		550	10	10	333	409	U	0.409
2,4-Dimethylphenol		550	10	10	333	409	U	0.409
bis (2-Chloroethoxy) methane		330	10	10	333	409	U	0.409
2,4-Dichlorophenol		550	10	10	333	409	U	0.409
Benzoic Acid		330	10	10	333	409	U	0.409
1,2,4-Trichlorobenzene		330	10	10	333	409	U	0.409
Naphthalene		330	10	10	333	409	U	0.409
4-Chloroaniline		330	10	10	333	409	U	0.409
Hexachlorobutadiene		330	10	10	333	409	U	0.409
4-Chloro-3-methylphenol		330	10	10	333	409	U	0.409
2-Methylnaphthalene		330	10	10	333	409	U	0.409
Hexachlorocyclopentadiene		330	10	10	333	409	U	0.409
2,4,6-Trichlorophenol		550	10	10	333	409	U	0.409
2,4,5-Trichlorophenol		550	10	10	333	409	U	0.409
2-Chloronaphthalene		330	10	10	333	409	U	0.409
2-Nitroaniline		330	10	10	333	409	U	0.409
Acenaphthalene		330	10	10	333	409	U	0.409
Dimethylphthalate		1500	10	10	333	409	U	0.409
2,6-Dinitrotoluene		330	10	10	333	409	U	0.409
3-Nitroaniline		330	10	10	333	409	U	0.409
Acenaphthene		330	10	10	333	409	U	0.409
2,4-Dinitrophenol		550	10	10	333	409	U	0.409
Dibenzofuran		330	10	10	333	409	U	0.409
2,4-Dinitrotoluene		330	10	10	333	409	U	0.409
4-Nitrophenol		550	10	10	333	409	U	0.409
Fluorene		550	10	10	333	409	U	0.409
4-Chlorophenyl-phenyl ether		330	10	10	333	409	U	0.409
Diethylphthalate		1500	10	10	333	409	U	0.409
4-Nitroaniline		330	10	10	333	409	U	0.409
4,6-Dinitro-2-methylphenol		550	10	10	333	409	U	0.409
N-Nitrosodiphenylamine		330	10	10	333	409	U	0.409
4-Bromophenyl-phenylether		330	10	10	333	409	U	0.409
Hexachlorobenzene		330	10	10	333	409	U	0.409
Pentachlorophenol		550	10	10	333	409	U	0.409
Phenanthrene		330	8	8	279	342	J	0.342
Anthracene		330	10	10	333	409	U	0.409
Di-n-butylphthalate		1500	10	10	333	409	U	0.409
Fluoranthene		330	10	10	331	406	J	0.406
Pyrene		330	7	7	239	293	J	0.293
Butylbenzylphthalate		1500	10	10	333	409	U	0.409
3,3-Dichlorobenzidine		330	10	10	333	409	U	0.409
Benzo (a) anthracene		330	10	10	333	409	U	0.409
Chrysene		330	10	10	333	409	U	0.409
bis (2-Ethylhexyl) phthalate		1500	10	10	333	409	U	0.409
Di-n-octylphthalate		1500	10	10	333	409	U	0.409
Benzo (b) fluoranthene		330	10	10	333	409	U	0.409
Benzo (k) fluoranthene		330	10	10	333	409	U	0.409
Benzo (a) pyrene		330	10	10	333	409	U	0.409
Indeno (1,2,3-cd) pyrene		330	10	10	333	409	U	0.409
Dibenzo (a,h) anthracene		330	10	10	333	409	U	0.409
Benzo (g,h,i) perylene		330	10	10	333	409	U	0.409

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		42	42	25-121
Phenol-d6		40	40	24-113
Nitrobenzene-d5		42	42	23-120
2-Fluorobiphenyl		58	58	30-115
2,4,6-Tribromophenol		46	46	19-122
Terphenyl-d14		75	75	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group	URS111601	Lab Prep Date:	11/178/2001
Lab Sample ID:	URS111601-03	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-115	Prep Method 2	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	84
Lab Data File Name:	SA04538	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	397	U	0.397
Phenol		550	10	10	333	397	U	0.397
2-Chlorophenol		550	10	10	333	397	U	0.397
1,3-Dichlorobenzene		330	10	10	333	397	U	0.397
1,4-Dichlorobenzene		330	8	8	266	317	J	0.317
1,2-Dichlorobenzene		330	10	10	333	397	U	0.397
Benzyl Alcohol		330	10	10	333	397	U	0.397
bis (2-Chloroisopropyl) ether		330	10	10	333	397	U	0.397
2-Methylphenol		550	10	10	333	397	U	0.397
Hexachloroethane		330	10	10	333	397	U	0.397
N-Nitroso-di-n-propylamine		330	10	10	333	397	U	0.397
4-Methylphenol		550	10	10	333	397	U	0.397
Nitrobenzene		330	10	10	333	397	U	0.397
Isophorone		330	10	10	333	397	U	0.397
2-Nitrophenol		550	10	10	333	397	U	0.397
2,4-Dimethylphenol		550	10	10	333	397	U	0.397
bis (2-Chloroethoxy) methane		330	10	10	333	397	U	0.397
2,4-Dichlorophenol		550	10	10	333	397	U	0.397
Benzoic Acid		330	10	10	333	397	U	0.397
1,2,4-Trichlorobenzene		330	10	10	333	397	U	0.397
Naphthalene		330	10	10	333	397	U	0.397
4-Chloroaniline		330	10	10	333	397	U	0.397
Hexachlorobutadiene		330	10	10	333	397	U	0.397
4-Chloro-3-methylphenol		330	10	10	333	397	U	0.397
2-Methylnaphthalene		330	10	10	333	397	U	0.397
Hexachlorocyclopentadiene		330	10	10	333	397	U	0.397
2,4,6-Trichlorophenol		550	10	10	333	397	U	0.397
2,4,5-Trichlorophenol		550	10	10	333	397	U	0.397
2-Chloronaphthalene		330	10	10	333	397	U	0.397
2-Nitroaniline		330	10	10	333	397	U	0.397
Acenaphthalene		330	10	10	333	397	U	0.397
Dimethylphthalate		1500	10	10	333	397	U	0.397
2,6-Dinitrotoluene		330	10	10	333	397	U	0.397
3-Nitroaniline		330	10	10	333	397	U	0.397
Acenaphthene		330	10	10	333	397	U	0.397
2,4-Dinitrophenol		550	10	10	333	397	U	0.397
Dibenzofuran		330	10	10	333	397	U	0.397
2,4-Dinitrotoluene		330	10	10	333	397	U	0.397
4-Nitrophenol		550	10	10	333	397	U	0.397
Fluorene		550	10	10	333	397	U	0.397
4-Chlorophenyl-phenyl ether		330	10	10	333	397	U	0.397
Diethylphthalate		1500	10	10	333	397	U	0.397
4-Nitroaniline		330	10	10	333	397	U	0.397
4,6-Dinitro-2-methylphenol		550	10	10	333	397	U	0.397
N-Nitrosodiphenylamine		330	10	10	333	397	U	0.397
4-Bromophenyl-phenylether		330	10	10	333	397	U	0.397
Hexachlorobenzene		330	10	10	333	397	U	0.397
Pentachlorophenol		550	10	10	333	397	U	0.397
Phenanthrene		330	10	10	333	397	U	0.397
Anthracene		330	10	10	333	397	U	0.397
Di-n-butylphthalate		1500	10	10	333	397	U	0.397
Fluoranthene		330	10	10	333	397	U	0.397
Pyrene		330	10	10	333	397	U	0.397
Butylbenzylphthalate		1500	10	10	333	397	U	0.397
3,3-Dichlorobenzidine		330	10	10	333	397	U	0.397
Benzo (a) anthracene		330	10	10	333	397	U	0.397
Chrysene		330	10	10	333	397	U	0.397
bis (2-Ethylhexyl) phthalate		1500	21	21	704	839		0.839
Di-n-octylphthalate		1500	10	10	333	397	U	0.397
Benzo (b) fluoranthene		330	10	10	333	397	U	0.397
Benzo (k) fluoranthene		330	10	10	333	397	U	0.397
Benzo (a) pyrene		330	10	10	333	397	U	0.397
Indeno (1,2,3-cd) pyrene		330	10	10	333	397	U	0.397
Dibenzo (a h) anthracene		330	10	10	333	397	U	0.397
Benzo (g,h i) perylene		330	10	10	333	397	U	0.397

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		46	46	25-121
Phenol-d6		42	42	24-113
Nitrobenzene-d5		53	53	23-120
2-Fluorobiphenyl		69	69	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		157	157	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111601	Lab Prep Date:	11/17/01
Lab Sample ID:	URS111601-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-116	Prep Method 2	
Date Sample Collected	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	73
Lab Data File Name:	SA04539	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	456	U	0.456
Phenol		550	10	10	333	456	U	0.456
2-Chlorophenol		550	10	10	333	456	U	0.456
1,3-Dichlorobenzene		330	10	10	333	456	U	0.456
1,4-Dichlorobenzene		330	10	10	333	456	U	0.456
1,2-Dichlorobenzene		330	10	10	333	456	U	0.456
Benzyl Alcohol		330	10	10	333	456	U	0.456
bis (2-Chloroisopropyl) ether		330	10	10	333	456	U	0.456
2-Methylphenol		550	10	10	333	456	U	0.456
Hexachloroethane		330	10	10	333	456	U	0.456
N-Nitroso-di-n-propylamine		330	10	10	333	456	U	0.456
4-Methylphenol		550	10	10	333	456	U	0.456
Nitrobenzene		330	10	10	333	456	U	0.456
Isophorone		330	10	10	333	456	U	0.456
2-Nitrophenol		550	10	10	333	456	U	0.456
2,4-Dimethylphenol		550	10	10	333	456	U	0.456
bis (2-Chloroethoxy) methane		330	10	10	333	456	U	0.456
2,4-Dichlorophenol		550	10	10	333	456	U	0.456
Benzoic Acid		330	10	10	333	456	U	0.456
1,2,4-Trichlorobenzene		330	10	10	333	456	U	0.456
Naphthalene		330	10	10	333	456	U	0.456
4-Chloroaniline		330	10	10	333	456	U	0.456
Hexachlorobutadiene		330	10	10	333	456	U	0.456
4-Chloro-3-methylphenol		330	10	10	333	456	U	0.456
2-Methylnaphthalene		330	10	10	333	456	U	0.456
Hexachlorocyclopentadiene		330	10	10	333	456	U	0.456
2,4,6-Trichlorophenol		550	10	10	333	456	U	0.456
2,4,5-Trichlorophenol		550	10	10	333	456	U	0.456
2-Chloronaphthalene		330	10	10	333	456	U	0.456
2-Nitroaniline		330	10	10	333	456	U	0.456
Acenaphthalene		330	10	10	333	456	U	0.456
Dimethylphthalate		1500	10	10	333	456	U	0.456
2,6-Dinitrotoluene		330	10	10	333	456	U	0.456
3-Nitroaniline		330	10	10	333	456	U	0.456
Acenaphthene		330	10	10	333	456	U	0.456
2,4-Dinitrophenol		550	10	10	333	456	U	0.456
Dibenzofuran		330	10	10	333	456	U	0.456
2,4-Dinitrotoluene		330	10	10	333	456	U	0.456
4-Nitrophenol		550	10	10	333	456	U	0.456
Fluorene		550	10	10	333	456	U	0.456
4-Chlorophenyl-phenyl ether		330	10	10	333	456	U	0.456
Diethylphthalate		1500	10	10	333	456	U	0.456
4-Nitroaniline		330	10	10	333	456	U	0.456
4,6-Dinitro-2-methylphenol		550	10	10	333	456	U	0.456
N-Nitrosodiphenylamine		330	10	10	333	456	U	0.456
4-Bromophenyl-phenylether		330	10	10	333	456	U	0.456
Hexachlorobenzene		330	10	10	333	456	U	0.456
Pentachlorophenol		550	10	10	333	456	U	0.456
Phenanthrene		330	10	10	333	456	U	0.456
Anthracene		330	10	10	333	456	U	0.456
Di-n-butylphthalate		1500	10	10	333	456	U	0.456
Fluoranthene		330	10	10	333	456	U	0.456
Pyrene		330	10	10	333	456	U	0.456
Butylbenzylphthalate		1500	10	10	333	456	U	0.456
3,3-Dichlorobenzidine		330	10	10	333	456	U	0.456
Benzo (a) anthracene		330	10	10	333	456	U	0.456
Chrysene		330	10	10	333	456	U	0.456
bis (2-Ethylhexyl) phthalate		1500	10	10	333	456	U	0.456
Di-n-octylphthalate		1500	10	10	333	456	U	0.456
Benzo (b) fluoranthene		330	10	10	333	456	U	0.456
Benzo (k) fluoranthene		330	10	10	333	456	U	0.456
Benzo (a) pyrene		330	10	10	333	456	U	0.456
Indeno (1,2,3-cd) pyrene		330	10	10	333	456	U	0.456
Dibenzo (a,h) anthracene		330	10	10	333	456	U	0.456
Benzo (g,h,i) perylene		330	10	10	333	456	U	0.456

SURROGATES	*CAS Number*	*% REC*	*X DL*	*Soil*
2-Fluorophenol		46	46	25-121
Phenol-d6		38	38	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		67	67	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		200	200	18-137

E = Exceeds Calibration *U= not detected* *J= Estimated* *B= Detected in Method Blank*

* Indicates surrogate tes outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract

Lab Delivery Group:	URS111601	Sample Amount:	30
Lab Sample ID:	URS111601-05	Lab Prep Date:	11/17/01
Field Sample ID:	GCMS-Q-108	Prep Method 1:	SW3050
Date Sample Collected:	11/16/01	Prep Method 2:	
Date Sample Received:	11/16/01	Lab Analysis Date:	11/20/01
EDD Transfer Date:		Result Type:	FR
Sample Matrix:	S	Result Units:	ug/kg
Sample Type:	F	Dilution Type:	00
Analysis Method:	SW8270C	Dilution Factor:	10
Prep Batch Number:	QCS008	Spike Amount:	
Lab Data File Name:	SA04540	Percent Solids:	94
		Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3531	U	3.531
Phenol		550	10	10	333	3531	U	3.531
2-Chlorophenol		550	10	10	333	3531	U	3.531
1,3-Dichlorobenzene		330	10	10	333	3531	U	3.531
1,4-Dichlorobenzene		330	10	10	333	3531	U	3.531
1,2-Dichlorobenzene		330	10	10	333	3531	U	3.531
Benzyl Alcohol		330	10	10	333	3531	U	3.531
bis (2-Chloroisopropyl) ether		330	10	10	333	3531	U	3.531
2-Methylphenol		550	10	10	333	3531	U	3.531
Hexachloroethane		330	10	10	333	3531	U	3.531
N-Nitroso-di-n-propylamine		330	10	10	333	3531	U	3.531
4-Methylphenol		550	10	10	333	3531	U	3.531
Nitrobenzene		330	10	10	333	3531	U	3.531
Isophorone		330	10	10	333	3531	U	3.531
2-Nitrophenol		550	10	10	333	3531	U	3.531
2,4-Dimethylphenol		550	10	10	333	3531	U	3.531
bis (2-Chloroethoxy) methane		330	10	10	333	3531	U	3.531
2,4-Dichlorophenol		550	10	10	333	3531	U	3.531
Benzoic Acid		330	10	10	333	3531	U	3.531
1,2,4-Trichlorobenzene		330	10	10	333	3531	U	3.531
Naphthalene		330	10	10	333	3531	U	3.531
4-Chloroaniline		330	10	10	333	3531	U	3.531
Hexachlorobutadiene		330	10	10	333	3531	U	3.531
4-Chloro-3-methylphenol		330	10	10	333	3531	U	3.531
2-Methylnaphthalene		330	10	10	333	3531	U	3.531
Hexachlorocyclopentadiene		330	10	10	333	3531	U	3.531
2,4,6-Trichlorophenol		550	10	10	333	3531	U	3.531
2,4,5-Trichlorophenol		550	10	10	333	3531	U	3.531
2-Chloronaphthalene		330	10	10	333	3531	U	3.531
2-Nitroaniline		330	10	10	333	3531	U	3.531
Acenaphthalene		330	10	10	333	3531	U	3.531
Dimethylphthalate		1500	10	10	333	3531	U	3.531
2,6-Dinitrotoluene		330	10	10	333	3531	U	3.531
3-Nitroaniline		330	10	10	333	3531	U	3.531
Acenaphthene		330	10	10	333	3531	U	3.531
2,4-Dinitrophenol		550	10	10	333	3531	U	3.531
Dibenzofuran		330	10	10	333	3531	U	3.531
2,4-Dinitrotoluene		330	10	10	333	3531	U	3.531
4-Nitrophenol		550	10	10	333	3531	U	3.531
Fluorene		550	10	10	333	3531	U	3.531
4-Chlorophenyl-phenyl ether		330	10	10	333	3531	U	3.531
Diethylphthalate		1500	10	10	333	3531	U	3.531
4-Nitroaniline		330	10	10	333	3531	U	3.531
4,6-Dinitro-2-methylphenol		550	10	10	333	3531	U	3.531
N-Nitrosodiphenylamine		330	10	10	333	3531	U	3.531
4-Bromophenyl-phenylether		330	10	10	333	3531	U	3.531
Hexachlorobenzene		330	10	10	333	3531	U	3.531
Pentachlorophenol		550	10	10	333	3531	U	3.531
Phenanthrene		330	10	10	333	3531	U	3.531
Anthracene		330	10	10	333	3531	U	3.531
Di-n-butylphthalate		1500	10	10	333	3531	U	3.531
Fluoranthene		330	10	10	333	3531	U	3.531
Pyrene		330	10	10	333	3531	U	3.531
Butylbenzylphthalate		1500	10	10	333	3531	U	3.531
3,3-Dichlorobenzidine		330	10	10	333	3531	U	3.531
Benzo (a) anthracene		330	10	10	333	3531	U	3.531
Chrysene		330	10	10	333	3531	U	3.531
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3531	U	3.531
Di-n-octylphthalate		1500	10	10	333	3531	U	3.531
Benzo (b) fluoranthene		330	10	10	333	3531	U	3.531
Benzo (k) fluoranthene		330	10	10	333	3531	U	3.531
Benzo (a) pyrene		330	10	10	333	3531	U	3.531
Indeno (1,2,3-cd) pyrene		330	10	10	333	3531	U	3.531
Dibenzo (a,h) anthracene		330	10	10	333	3531	U	3.531
Benzo (g,h,i) perylene		330	10	10	333	3531	U	3.531

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4	38	25-121
Phenol-d6		3	31	24-113
Nitrobenzene-d5		3	34	23-120
2-Fluorobiphenyl		5	48	30-115
2,4,6-Tribromophenol		4	41	19-122
Terphenyl-d14		11	115	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date	11/18/01
Lab Sample ID:	URS111601-06	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-194	Prep Method 2:	
Date Sample Collected.	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/16/01	Result Type.	FR
EDD Transfer Date.		Result Units.	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method.	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	86
Lab Data File Name:	SA04541	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	389	U	0.389
Phenol		550	10	10	333	389	U	0.389
2-Chlorophenol		550	10	10	333	389	U	0.389
1,3-Dichlorobenzene		330	10	10	333	389	U	0.389
1,4-Dichlorobenzene		330	10	10	333	389	U	0.389
1,2-Dichlorobenzene		330	10	10	333	389	U	0.389
Benzyl Alcohol		330	10	10	333	389	U	0.389
bis (2-Chloroisopropyl) ether		330	10	10	333	389	U	0.389
2-Methylphenol		550	10	10	333	389	U	0.389
Hexachloroethane		330	10	10	333	389	U	0.389
N-Nitroso-di-n-propylamine		330	10	10	333	389	U	0.389
4-Methylphenol		550	10	10	333	389	U	0.389
Nitrobenzene		330	10	10	333	389	U	0.389
Isophorone		330	10	10	333	389	U	0.389
2-Nitrophenol		550	10	10	333	389	U	0.389
2,4-Dimethylphenol		550	10	10	333	389	U	0.389
bis (2-Chloroethoxy) methane		330	10	10	333	389	U	0.389
2,4-Dichlorophenol		550	10	10	333	389	U	0.389
Benzoic Acid		330	10	10	333	389	U	0.389
1,2,4-Trichlorobenzene		330	10	10	333	389	U	0.389
Naphthalene		330	10	10	333	389	U	0.389
4-Chloroaniline		330	10	10	333	389	U	0.389
Hexachlorobutadiene		330	10	10	333	389	U	0.389
4-Chloro-3-methylphenol		330	10	10	333	389	U	0.389
2-Methylnaphthalene		330	10	10	333	389	U	0.389
Hexachlorocyclopentadiene		330	10	10	333	389	U	0.389
2,4,6-Trichlorophenol		550	10	10	333	389	U	0.389
2,4,5-Trichlorophenol		550	10	10	333	389	U	0.389
2-Chloronaphthalene		330	10	10	333	389	U	0.389
2-Nitroaniline		330	10	10	333	389	U	0.389
Acenaphthalene		330	10	10	333	389	U	0.389
Dimethylphthalate		1500	10	10	333	389	U	0.389
2,6-Dinitrotoluene		330	10	10	333	389	U	0.389
3-Nitroaniline		330	10	10	333	389	U	0.389
Acenaphthene		330	10	10	333	389	U	0.389
2,4-Dinitrophenol		550	10	10	333	389	U	0.389
Dibenzofuran		330	10	10	333	389	U	0.389
2,4-Dinitrotoluene		330	10	10	333	389	U	0.389
4-Nitrophenol		550	10	10	333	389	U	0.389
Fluorene		550	10	10	333	389	U	0.389
4-Chlorophenyl-phenyl ether		330	10	10	333	389	U	0.389
Diethylphthalate		1500	10	10	333	389	U	0.389
4-Nitroaniline		330	10	10	333	389	U	0.389
4,6-Dinitro-2-methylphenol		550	10	10	333	389	U	0.389
N-Nitrosodiphenylamine		330	10	10	333	389	U	0.389
4-Bromophenyl-phenylether		330	10	10	333	389	U	0.389
Hexachlorobenzene		330	10	10	333	389	U	0.389
Pentachlorophenol		550	10	10	333	389	U	0.389
Phenanthrene		330	10	10	333	389	U	0.389
Anthracene		330	10	10	333	389	U	0.389
Di-n-butylphthalate		1500	10	10	333	389	U	0.389
Fluoranthene		330	10	10	333	389	U	0.389
Pyrene		330	10	10	333	389	U	0.389
Butylbenzylphthalate		1500	21	21	688	804		0.804
3,3-Dichlorobenzidine		330	10	10	333	389	U	0.389
Benzo (a) anthracene		330	10	10	333	389	U	0.389
Chrysene		330	10	10	333	389	U	0.389
bis (2-Ethylhexyl) phthalate		1500	51	51	1694	1979		1.979
Di-n-octylphthalate		1500	10	10	333	389	U	0.389
Benzo (b) fluoranthene		330	10	10	333	389	U	0.389
Benzo (k) fluoranthene		330	10	10	333	389	U	0.389
Benzo (a) pyrene		330	10	10	333	389	U	0.389
Indeno (1 2,3-cd) pyrene		330	10	10	333	389	U	0.389
Dibenzo (a,h) anthracene		330	10	10	333	389	U	0.389
Benzo (g,h,i) perylene		330	10	10	333	389	U	0.389

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		51	51	25-121
Phenol-d6		47	47	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		78	78	30-115
2,4,6-Tribromophenol		63	63	19-122
Terphenyl-d14		258	258	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111601-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-123	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	89
Lab Data File Name:	SA04544	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3742	U	3.74
Phenol		550	10	10	333	3742	U	3.74
2-Chlorophenol		550	10	10	333	3742	U	3.74
1,3-Dichlorobenzene		330	10	10	333	3742	U	3.74
1,4-Dichlorobenzene		330	10	10	333	3742	U	3.74
1,2-Dichlorobenzene		330	10	10	333	3742	U	3.74
Benzyl Alcohol		330	10	10	333	3742	U	3.74
bis (2-Chloroisopropyl) ether		330	10	10	333	3742	U	3.74
2-Methylphenol		550	10	10	333	3742	U	3.74
Hexachloroethane		330	10	10	333	3742	U	3.74
N-Nitroso-di-n-propylamine		330	10	10	333	3742	U	3.74
4-Methylphenol		550	10	10	333	3742	U	3.74
Nitrobenzene		330	10	10	333	3742	U	3.74
Isophorone		330	10	10	333	3742	U	3.74
2-Nitrophenol		550	10	10	333	3742	U	3.74
2,4-Dimethylphenol		550	10	10	333	3742	U	3.74
bis (2-Chloroethoxy) methane		330	10	10	333	3742	U	3.74
2,4-Dichlorophenol		550	10	10	333	3742	U	3.74
Benzoic Acid		330	10	10	333	3742	U	3.74
1,2,4-Trichlorobenzene		330	10	10	333	3742	U	3.74
Naphthalene		330	10	10	333	3742	U	3.74
4-Chloroaniline		330	10	10	333	3742	U	3.74
Hexachlorobutadiene		330	10	10	333	3742	U	3.74
4-Chloro-3-methylphenol		330	10	10	333	3742	U	3.74
2-Methylnaphthalene		330	10	10	333	3742	U	3.74
Hexachlorocyclopentadiene		330	10	10	333	3742	U	3.74
2,4,6-Trichlorophenol		550	10	10	333	3742	U	3.74
2,4,5-Trichlorophenol		550	10	10	333	3742	U	3.74
2-Chloronaphthalene		330	10	10	333	3742	U	3.74
2-Nitroaniline		330	10	10	333	3742	U	3.74
Acenaphthalene		330	10	10	333	3742	U	3.74
Dimethylphthalate		1500	10	10	333	3742	U	3.74
2,6-Dinitrotoluene		330	10	10	333	3742	U	3.74
3-Nitroaniline		330	10	10	333	3742	U	3.74
Acenaphthene		330	10	10	333	3742	U	3.74
2,4-Dinitrophenol		550	10	10	333	3742	U	3.74
Dibenzofuran		330	10	10	333	3742	U	3.74
2,4-Dinitrotoluene		330	10	10	333	3742	U	3.74
4-Nitrophenol		550	10	10	333	3742	U	3.74
Fluorene		550	10	10	333	3742	U	3.74
4-Chlorophenyl-phenyl ether		330	10	10	333	3742	U	3.74
Diethylphthalate		1500	10	10	333	3742	U	3.74
4-Nitroaniline		330	10	10	333	3742	U	3.74
4,6-Dinitro-2-methylphenol		550	10	10	333	3742	U	3.74
N-Nitrosodiphenylamine		330	10	10	333	3742	U	3.74
4-Bromophenyl-phenylether		330	10	10	333	3742	U	3.74
Hexachlorobenzene		330	10	10	333	3742	U	3.74
Pentachlorophenol		550	10	10	333	3742	U	3.74
Phenanthrene		330	5	5	181	2032	U	2.03
Anthracene		330	10	10	333	3742	U	3.74
Di-n-butylphthalate		1500	10	10	333	3742	U	3.74
Fluoranthene		330	7	7	239	2687	U	2.69
Pyrene		330	9	9	290	3256	U	3.26
Butylbenzylphthalate		1500	10	10	333	3742	U	3.74
3,3-Dichlorobenzidine		330	10	10	333	3742	U	3.74
Benzo (a) anthracene		330	10	10	333	3742	U	3.74
Chrysene		330	10	10	333	3742	U	3.74
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3742	U	3.74
Di-n-octylphthalate		1500	10	10	333	3742	U	3.74
Benzo (b) fluoranthene		330	10	10	333	3742	U	3.74
Benzo (k) fluoranthene		330	10	10	333	3742	U	3.74
Benzo (a) pyrene		330	10	10	333	3742	U	3.74
Indeno (1,2,3-cd) pyrene		330	10	10	333	3742	U	3.74
Dibenzo (a,h) anthracene		330	10	10	333	3742	U	3.74
Benzo (g,h,i) perylene		330	10	10	333	3742	U	3.74

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		18	175	25-121
Phenol-d6		14	137	24-113
Nitrobenzene-d5		19	190	23-120
2-Fluorobiphenyl		20	201	30-115
2,4,6-Tribromophenol		21	211	19-122
Terphenyl-d14		33	332	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/18/01
Lab Sample ID:	URS1116-08	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-77	Prep Method 2	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	89
Lab Data File Name:	SA04545	Laboratory Code	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	3762	U	3.8
Phenol		550	10	10	333	3762	U	3.8
2-Chlorophenol		550	10	10	333	3762	U	3.8
1,3-Dichlorobenzene		330	10	10	333	3762	U	3.8
1,4-Dichlorobenzene		330	10	10	333	3762	U	3.8
1,2-Dichlorobenzene		330	10	10	333	3762	U	3.8
Benzyl Alcohol		330	10	10	333	3762	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10	333	3762	U	3.8
2-Methylphenol		550	10	10	333	3762	U	3.8
Hexachloroethane		330	10	10	333	3762	U	3.8
N-Nitroso-di-n-propylamine		330	10	10	333	3762	U	3.8
4-Methylphenol		550	10	10	333	3762	U	3.8
Nitrobenzene		330	10	10	333	3762	U	3.8
Isophorone		330	10	10	333	3762	U	3.8
2-Nitrophenol		550	10	10	333	3762	U	3.8
2,4-Dimethylphenol		550	10	10	333	3762	U	3.8
bis (2-Chloroethoxy) methane		330	10	10	333	3762	U	3.8
2,4-Dichlorophenol		550	10	10	333	3762		3.8
Benzoic Acid		330	10	10	333	3762	U	3.8
1,2,4-Trichlorobenzene		330	10	10	333	3762	U	3.8
Naphthalene		**330**	**8**	**8**	**253**	**2859**	**J**	**2.9**
4-Chloroaniline		330	10	10	333	3762	U	3.8
Hexachlorobutadiene		330	10	10	333	3762	U	3.8
4-Chloro-3-methylphenol		330	10	10	333	3762	U	3.8
2-Methylnaphthalene		**330**	**10**	**10**	**342**	**3860**		**3.9**
Hexachlorocyclopentadiene		330	10	10	333	3762	U	3.8
2,4,6-Trichlorophenol		550	10	10	333	3762	U	3.8
2,4,5-Trichlorophenol		550	10	10	333	3762	U	3.8
2-Chloronaphthalene		330	10	10	333	3762	U	3.8
2-Nitroaniline		330	10	10	333	3762	U	3.8
Acenaphthalene		330	10	10	333	3762	U	3.8
Dimethylphthalate		1500	10	10	333	3762	U	3.8
2,6-Dinitrotoluene		330	10	10	333	3762	U	3.8
3-Nitroaniline		330	10	10	333	3762	U	3.8
Acenaphthene		330	10	10	333	3762	U	3.8
2,4-Dinitrophenol		550	10	10	333	3762	U	3.8
Dibenzofuran		330	10	10	333	3762	U	3.8
2,4-Dinitrotoluene		330	10	10	333	3762	U	3.8
4-Nitrophenol		550	10	10	333	3762	U	3.8
Fluorene		550	10	10	333	3762	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10	333	3762	U	3.8
Diethylphthalate		1500	10	10	333	3762	U	3.8
4-Nitroaniline		330	10	10	333	3762	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10	333	3762	U	3.8
N-Nitrosodiphenylamine		330	10	10	333	3762	U	3.8
4-Bromophenyl-phenylether		330	10	10	333	3762	U	3.8
Hexachlorobenzene		330	10	10	333	3762	U	3.8
Pentachlorophenol		550	10	10	333	3762	U	3.8
Phenanthrene		330	10	10	333	3762	U	3.8
Anthracene		330	10	10	333	3762	U	3.8
Di-n-butylphthalate		1500	10	10	333	3762	U	3.8
Fluoranthene		330	10	10	333	3762	U	3.8
Pyrene		330	10	10	333	3762	U	3.8
Butylbenzylphthalate		1500	10	10	333	3762	U	3.8
3,3-Dichlorobenzidine		330	10	10	333	3762	U	3.8
Benzo (a) anthracene		330	10	10	333	3762	U	3.8
Chrysene		330	10	10	333	3762	U	3.8
bis (2-Ethylhexyl) phthalate		**1500**	**7**	**7**	**244**	**2750**		**2.8**
Di-n-octylphthalate		1500	10	10	333	3762	U	3.8
Benzo (b) fluoranthene		330	10	10	333	3762	U	3.8
Benzo (k) fluoranthene		330	10	10	333	3762	U	3.8
Benzo (a) pyrene		330	10	10	333	3762	U	3.8
Indeno (1,2,3-cd) pyrene		330	10	10	333	3762	U	3.8
Dibenzo (a,h) anthracene		330	10	10	333	3762	U	3.8
Benzo (g,h,i) perylene		330	10	10	333	3762	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	0	25-121
Phenol-d6		0	1	24-113
Nitrobenzene-d5		0	3	23-120
2-Fluorobiphenyl		0	2	30-115
2,4,6-Tribromophenol		0	1	19-122
Terphenyl-d14		0	4	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract			
Lab Delivery Group	URS111601	Sample Amount:	30
Lab Sample ID:	URS111601-09	Lab Prep Date:	11/18/01
Field Sample ID	*GCMS-Cl-89*	Prep Method 1:	SW3050
Date Sample Collected	11/16/01	Prep Method 2:	
Date Sample Received	11/16/01	Lab Analysis Date:	11/20/01
EDD Transfer Date.		Result Type:	FR
Sample Matrix:	S	Result Units:	ug/kg
Sample Type:	F	Dilution Type:	00
Analysis Method:	SW8270C	Dilution Factor:	10
Prep Batch Number:	QCS008	Spike Amount:	
Lab Data File Name.	SA04546	Percent Solids:	80
		Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4188	U	4.2
Phenol		550	10	10	333	4188	U	4.2
2-Chlorophenol		550	10	10	333	4188	U	4.2
1,3-Dichlorobenzene		330	10	10	333	4188	U	4.2
1,4-Dichlorobenzene		330	10	10	333	4188	U	4.2
1,2-Dichlorobenzene		330	10	10	333	4188	U	4.2
Benzyl Alcohol		330	10	10	333	4188	U	4.2
bis (2-Chloroisopropyl) ether		330	10	10	333	4188	U	4.2
2-Methylphenol		550	10	10	333	4188	U	4.2
Hexachloroethane		330	10	10	333	4188	U	4.2
N-Nitroso-di-n-propylamine		330	10	10	333	4188	U	4.2
4-Methylphenol		550	10	10	333	4188	U	4.2
Nitrobenzene		330	10	10	333	4188	U	4.2
Isophorone		330	10	10	333	4188	U	4.2
2-Nitrophenol		550	10	10	333	4188	U	4.2
2,4-Dimethylphenol		550	10	10	333	4188	U	4.2
bis (2-Chloroethoxy) methane		330	10	10	333	4188	U	4.2
2,4-Dichlorophenol		550	10	10	333	4188	U	4.2
Benzoic Acid		330	10	10	333	4188	U	4.2
1,2,4-Trichlorobenzene		330	10	10	333	4188	U	4.2
Naphthalene		330	10	10	333	4188	U	4.2
4-Chloroaniline		330	10	10	333	4188	U	4.2
Hexachlorobutadiene		330	10	10	333	4188	U	4.2
4-Chloro-3-methylphenol		330	10	10	333	4188	U	4.2
2-Methylnaphthalene		330	10	10	333	4188	U	4.2
Hexachlorocyclopentadiene		330	10	10	333	4188	U	4.2
2,4,6-Trichlorophenol		550	10	10	333	4188	U	4.2
2,4,5-Trichlorophenol		550	10	10	333	4188	U	4.2
2-Chloronaphthalene		330	10	10	333	4188	U	4.2
2-Nitroaniline		330	10	10	333	4188	U	4.2
Acenaphthalene		330	10	10	333	4188	U	4.2
Dimethylphthalate		1500	10	10	333	4188	U	4.2
2,6-Dinitrotoluene		330	10	10	333	4188	U	4.2
3-Nitroaniline		330	10	10	333	4188	U	4.2
Acenaphthene		330	10	10	333	4188	U	4.2
2,4-Dinitrophenol		550	10	10	333	4188	U	4.2
Dibenzofuran		330	10	10	333	4188	U	4.2
2,4-Dinitrotoluene		330	10	10	333	4188	U	4.2
4-Nitrophenol		550	10	10	333	4188	U	4.2
Fluorene		550	10	10	333	4188	U	4.2
4-Chlorophenyl-phenyl ether		330	10	10	333	4188	U	4.2
Diethylphthalate		1500	10	10	333	4188	U	4.2
4-Nitroaniline		330	10	10	333	4188	U	4.2
4,6-Dinitro-2-methylphenol		550	10	10	333	4188	U	4.2
N-Nitrosodiphenylamine		330	10	10	333	4188	U	4.2
4-Bromophenyl-phenylether		330	10	10	333	4188	U	4.2
Hexachlorobenzene		330	10	10	333	4188	U	4.2
Pentachlorophenol		550	10	10	333	4188	U	4.2
Phenanthrene		330	9	9	284	3572	J	3.6
Anthracene		330	10	10	333	4188	U	4.2
Di-n-butylphthalate		1500	10	10	333	4188	U	4.2
Fluoranthene		330	12	12	403	5063		5.1
Pyrene		330	23	23	769	9658		9.7
Butylbenzylphthalate		1500	10	10	333	4188	U	4.2
3,3-Dichlorobenzidine		330	10	10	333	4188	U	4.2
Benzo (a) anthracene		330	5	5	169	2128	J	2.1
Chrysene		330	6	6	213	2672	J	2.7
bis (2-Ethylhexyl) phthalate		1500	9	9	294	3698	J	3.7
Di-n-octylphthalate		1500	10	10	333	4188	U	4.2
Benzo (b) fluoranthene		330	10	10	333	4188	U	4.2
Benzo (k) fluoranthene		330	10	10	333	4188	U	4.2
Benzo (a) pyrene		330	10	10	333	4188	U	4.2
Indeno (1,2,3-cd) pyrene		330	10	10	333	4188	U	4.2
Dibenzo (a,h) anthracene		330	10	10	333	4188	U	4.2
Benzo (g,h,i) perylene		330	10	10	333	4188	U	4.2

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	0	25-121
Phenol-d6		0	1	24-113
Nitrobenzene-d5		0	3	23-120
2-Fluorobiphenyl		0	0	30-115
2,4,6-Tribromophenol		0	0	19-122
Terphenyl-d14		0	1	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract

Lab Delivery Group:	URS111601	Sample Amount:	30
Lab Sample ID:	URS1116014-10	Lab Prep Date:	11/18/01
Field Sample ID:	GCMS-Q-131	Prep Method 1	SW3050
Date Sample Collected:	11/16/01	Prep Method 2	
Date Sample Received:	11/16/01	Lab Analysis Date:	11/20/01
EDD Transfer Date:		Result Type	FR
Sample Matrix:	S	Result Units:	ug/kg
Sample Type	F	Dilution Type:	00
Analysis Method	SW8270C	Dilution Factor:	1
Prep Batch Number:	QCS008	Spike Amount:	
Lab Data File Name:	SA04547	Percent Solids:	77
		Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	433	U	0.433
Phenol		550	10	10	333	433	U	0.433
2-Chlorophenol		550	10	10	333	433	U	0.433
1,3-Dichlorobenzene		330	10	10	333	433	U	0.433
1,4-Dichlorobenzene		330	10	10	333	433	U	0.433
1,2-Dichlorobenzene		330	10	10	333	433	U	0.433
Benzyl Alcohol		330	10	10	333	433	U	0.433
bis (2-Chloroisopropyl) ether		330	10	10	333	433	U	0.433
2-Methylphenol		550	10	10	333	433	U	0.433
Hexachloroethane		330	10	10	333	433	U	0.433
N-Nitroso-di-n-propylamine		330	10	10	333	433	U	0.433
4-Methylphenol		550	10	10	333	433	U	0.433
Nitrobenzene		330	10	10	333	433	U	0.433
Isophorone		330	10	10	333	433	U	0.433
2-Nitrophenol		550	10	10	333	433	U	0.433
2,4-Dimethylphenol		550	10	10	333	433	U	0.433
bis (2-Chloroethoxy) methane		330	10	10	333	433	U	0.433
2,4-Dichlorophenol		550	10	10	333	433	U	0.433
Benzoic Acid		330	10	10	333	433	U	0.433
1,2,4-Trichlorobenzene		330	10	10	333	433	U	0.433
Naphthalene		330	10	10	333	433	U	0.433
4-Chloroaniline		330	10	10	333	433	U	0.433
Hexachlorobutadiene		330	10	10	333	433	U	0.433
4-Chloro-3-methylphenol		330	10	10	333	433	U	0.433
2-Methylnaphthalene		330	10	10	333	433	U	0.433
Hexachlorocyclopentadiene		330	10	10	333	433	U	0.433
2,4,6-Trichlorophenol		550	10	10	333	433	U	0.433
2,4,5-Trichlorophenol		550	10	10	333	433	U	0.433
2-Chloronaphthalene		330	10	10	333	433	U	0.433
2-Nitroaniline		330	10	10	333	433	U	0.433
Acenaphthalene		330	10	10	333	433	U	0.433
Dimethylphthalate		1500	10	10	333	433	U	0.433
2,6-Dinitrotoluene		330	10	10	333	433	U	0.433
3-Nitroaniline		330	10	10	333	433	U	0.433
Acenaphthene		330	10	10	333	433	U	0.433
2,4-Dinitrophenol		550	10	10	333	433	U	0.433
Dibenzofuran		330	10	10	333	433	U	0.433
2,4-Dinitrotoluene		330	10	10	333	433	U	0.433
4-Nitrophenol		550	10	10	333	433	U	0.433
Fluorene		550	10	10	333	433	U	0.433
4-Chlorophenyl-phenyl ether		330	10	10	333	433	U	0.433
Diethylphthalate		1500	10	10	333	433	U	0.433
4-Nitroaniline		330	10	10	333	433	U	0.433
4,6-Dinitro-2-methylphenol		550	10	10	333	433	U	0.433
N-Nitrosodiphenylamine		330	10	10	333	433	U	0.433
4-Bromophenyl-phenylether		330	10	10	333	433	U	0.433
Hexachlorobenzene		330	10	10	333	433	U	0.433
Pentachlorophenol		550	10	10	333	433	U	0.433
Phenanthrene		330	10	10	333	433	U	0.433
Anthracene		330	10	10	333	433	U	0.433
Di-n-butylphthalate		1500	10	10	333	433	U	0.433
Fluoranthene		330	10	10	333	433	U	0.433
Pyrene		330	10	10	333	433	U	0.433
Butylbenzylphthalate		1500	10	10	333	433	U	0.433
3,3-Dichlorobenzidine		330	10	10	333	433	U	0.433
Benzo (a) anthracene		330	10	10	333	433	U	0.433
Chrysene		330	10	10	333	433	U	0.433
bis (2-Ethylhexyl) phthalate		1500	5	5	178	231	J	0.231
Di-n-octylphthalate		1500	10	10	333	433	U	0.433
Benzo (b) fluoranthene		330	10	10	333	433	U	0.433
Benzo (k) fluoranthene		330	10	10	333	433	U	0.433
Benzo (a) pyrene		330	10	10	333	433	U	0.433
Indeno (1,2,3-cd) pyrene		330	10	10	333	433	U	0.433
Dibenzo (a,h) anthracene		330	10	10	333	433	U	0.433
Benzo (g,h,i) perylene		330	10	10	333	433	U	0.433

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		48	48	25-121
Phenol-d6		39	39	24-113
Nitrobenzene-d5		56	56	23-120
2-Fluorobiphenyl		72	72	30-115
2,4,6-Tribromophenol		68	68	19-122
Terphenyl-d14		209	209	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected= corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group	URS111601	Lab Prep Date	11/18/01
Lab Sample ID:	URS111601-11	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-132	Prep Method 2	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/20/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS008	Percent Solids:	84
Lab Data File Name:	SA04548	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	397	U	0.397
Phenol		550	10	10	333	397	U	0.397
2-Chlorophenol		550	10	10	333	397	U	0.397
1,3-Dichlorobenzene		330	10	10	333	397	U	0.397
1,4-Dichlorobenzene		330	10	10	333	397	U	0.397
1,2-Dichlorobenzene		330	10	10	333	397	U	0.397
Benzyl Alcohol		330	10	10	333	397	U	0.397
bis (2-Chloroisopropyl) ether		330	10	10	333	397	U	0.397
2-Methylphenol		550	10	10	333	397	U	0.397
Hexachloroethane		330	10	10	333	397	U	0.397
N-Nitroso-di-n-propylamine		330	10	10	333	397	U	0.397
4-Methylphenol		550	10	10	333	397	U	0.397
Nitrobenzene		330	10	10	333	397	U	0.397
Isophorone		330	10	10	333	397	U	0.397
2-Nitrophenol		550	10	10	333	397	U	0.397
2,4-Dimethylphenol		550	10	10	333	397	U	0.397
bis (2-Chloroethoxy) methane		330	10	10	333	397	U	0.397
2,4-Dichlorophenol		550	10	10	333	397	U	0.397
Benzoic Acid		330	10	10	333	397	U	0.397
1,2,4-Trichlorobenzene		330	10	10	333	397	U	0.397
Naphthalene		330	10	10	333	397	U	0.397
4-Chloroaniline		330	10	10	333	397	U	0.397
Hexachlorobutadiene		330	10	10	333	397	U	0.397
4-Chloro-3-methylphenol		330	10	10	333	397	U	0.397
2-Methylnaphthalene		330	10	10	333	397	U	0.397
Hexachlorocyclopentadiene		330	10	10	333	397	U	0.397
2,4,6-Trichlorophenol		550	10	10	333	397	U	0.397
2,4,5-Trichlorophenol		550	10	10	333	397	U	0.397
2-Chloronaphthalene		330	10	10	333	397	U	0.397
2-Nitroaniline		330	10	10	333	397	U	0.397
Acenaphthalene		330	10	10	333	397	U	0.397
Dimethylphthalate		1500	10	10	333	397	U	0.397
2,6-Dinitrotoluene		330	10	10	333	397	U	0.397
3-Nitroaniline		330	10	10	333	397	U	0.397
Acenaphthene		330	10	10	333	397	U	0.397
2,4-Dinitrophenol		550	10	10	333	397	U	0.397
Dibenzofuran		330	10	10	333	397	U	0.397
2,4-Dinitrotoluene		330	10	10	333	397	U	0.397
4-Nitrophenol		550	10	10	333	397	U	0.397
Fluorene		550	10	10	333	397	U	0.397
4-Chlorophenyl-phenyl ether		330	10	10	333	397	U	0.397
Diethylphthalate		1500	10	10	333	397	U	0.397
4-Nitroaniline		330	10	10	333	397	U	0.397
4,6-Dinitro-2-methylphenol		550	10	10	333	397	U	0.397
N-Nitrosodiphenylamine		330	10	10	333	397	U	0.397
4-Bromophenyl-phenylether		330	10	10	333	397	U	0.397
Hexachlorobenzene		330	10	10	333	397	U	0.397
Pentachlorophenol		550	10	10	333	397	U	0.397
Phenanthrene		330	10	10	333	397	U	0.397
Anthracene		330	10	10	333	397	U	0.397
Di-n-butylphthalate		1500	10	10	333	397	U	0.397
Fluoranthene		330	5	5	168	200	J	0.200
Pyrene		330	6	6	191	228	J	0.228
Butylbenzylphthalate		1500	10	10	333	397	U	0.397
3,3-Dichlorobenzidine		330	10	10	333	397	U	0.397
Benzo (a) anthracene		330	10	10	333	397	U	0.397
Chrysene		330	10	10	333	397	U	0.397
bis (2-Ethylhexyl) phthalate		1500	10	10	333	397	U	0.397
Di-n-octylphthalate		1500	10	10	333	397	U	0.397
Benzo (b) fluoranthene		330	10	10	333	397	U	0.397
Benzo (k) fluoranthene		330	10	10	333	397	U	0.397
Benzo (a) pyrene		330	10	10	333	397	U	0.397
Indeno (1,2,3-cd) pyrene		330	10	10	333	397	U	0.397
Dibenzo (a,h) anthracene		330	10	10	333	397	U	0.397
Benzo (g,h,i) perylene		330	10	10	333	397	U	0.397

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		54	54	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		59	59	23-120
2-Fluorobiphenyl		74	74	30-115
2,4,6-Tribromophenol		71	71	19-122
Terphenyl-d14		134	134	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111601-12	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-134	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/20/01
Date Sample Received:	11/16/01	Result Type	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	86
Lab Data File Name:	SA04549	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	387	U	0.39
Phenol		550	10	10	333	387	U	0.39
2-Chlorophenol		550	10	10	333	387	U	0.39
1,3-Dichlorobenzene		330	10	10	333	387	U	0.39
1,4-Dichlorobenzene		330	10	10	333	387	U	0.39
1,2-Dichlorobenzene		330	10	10	333	387	U	0.39
Benzyl Alcohol		330	10	10	333	387	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	387	U	0.39
2-Methylphenol		550	10	10	333	387	U	0.39
Hexachloroethane		330	10	10	333	387	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	387	U	0.39
4-Methylphenol		550	10	10	333	387	U	0.39
Nitrobenzene		330	10	10	333	387	U	0.39
Isophorone		330	33	33	1099	1277	U	1.28
2-Nitrophenol		550	10	10	333	387	U	0.39
2,4-Dimethylphenol		550	10	10	333	387	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	387	U	0.39
2,4-Dichlorophenol		550	10	10	333	387		0.39
Benzoic Acid		330	10	10	333	387	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	387	U	0.39
Naphthalene		330	10	10	333	387	U	0.39
4-Chloroaniline		330	10	10	333	387	U	0.39
Hexachlorobutadiene		330	10	10	333	387	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	387	U	0.39
2-Methylnaphthalene		330	245	245	8183	9508	E	9.51
Hexachlorocyclopentadiene		330	10	10	333	387	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	387	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	387	U	0.39
2-Chloronaphthalene		330	10	10	333	387	U	0.39
2-Nitroaniline		330	7	7	225	261	J	0.26
Acenaphthalene		330	10	10	333	387	U	0.39
Dimethylphthalate		1500	10	10	333	387	U	0.39
2,6-Dinitrotoluene		330	10	10	333	387	U	0.39
3-Nitroaniline		330	10	10	333	387	U	0.39
Acenaphthene		330	10	10	345	401		0.40
2,4-Dinitrophenol		550	10	10	333	387	U	0.39
Dibenzofuran		330	10	10	333	387	U	0.39
2,4-Dinitrotoluene		330	9	9	300	349	J	0.35
4-Nitrophenol		550	10	10	333	387	U	0.39
Fluorene		550	17	17	552	642		0.64
4-Chlorophenyl-phenyl ether		330	10	10	333	387	U	0.39
Diethylphthalate		1500	10	10	333	387	U	0.39
4-Nitroaniline		330	10	10	333	387	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	387	U	0.39
N-Nitrosodiphenylamine		330	21	21	684	794		0.79
4-Bromophenyl-phenylether		330	10	10	333	387	U	0.39
Hexachlorobenzene		330	10	10	333	387	U	0.39
Pentachlorophenol		550	10	10	333	387	U	0.39
Phenanthrene		330	52	52	1735	2016		2.02
Anthracene		330	10	10	333	387	U	0.39
Di-n-butylphthalate		1500	10	10	333	387	U	0.39
Fluoranthene		330	10	10	333	387	U	0.39
Pyrene		330	10	10	333	387	U	0.39
Butylbenzylphthalate		1500	10	10	333	387	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	387	U	0.39
Benzo (a) anthracene		330	10	10	333	387	U	0.39
Chrysene		330	10	10	333	387	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	10	333	387	U	0.39
Di-n-octylphthalate		1500	10	10	333	387	U	0.39
Benzo (b) fluoranthene		330	10	10	333	387	U	0.39
Benzo (k) fluoranthene		330	10	10	333	387	U	0.39
Benzo (a) pyrene		330	10	10	333	387	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	387	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	387	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	387	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		47	47	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		85	85	23-120
2-Fluorobiphenyl		102	102	30-115
2,4,6-Tribromophenol		92	92	19-122
Terphenyl-d14		173	173	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111601	Lab Prep Date	11/28/01
Lab Sample ID:	URS111601-13	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-138	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/28/01
Date Sample Received	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	97
Lab Data File Name:	SA04615	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	343	U	0.343
Phenol		550	10	10	333	343	U	0.343
2-Chlorophenol		550	10	10	333	343	U	0.343
1,3-Dichlorobenzene		330	10	10	333	343	U	0.343
1,4-Dichlorobenzene		330	10	10	333	343	U	0.343
1,2-Dichlorobenzene		330	10	10	333	343	U	0.343
Benzyl Alcohol		330	10	10	333	343	U	0.343
bis (2-Chloroisopropyl) ether		330	10	10	333	343	U	0.343
2-Methylphenol		550	10	10	333	343	U	0.343
Hexachloroethane		330	10	10	333	343	U	0.343
N-Nitroso-di-n-propylamine		330	10	10	333	343	U	0.343
4-Methylphenol		550	10	10	333	343	U	0.343
Nitrobenzene		330	10	10	333	343	U	0.343
Isophorone		330	10	10	333	343	U	0.343
2-Nitrophenol		550	10	10	333	343	U	0.343
2,4-Dimethylphenol		550	10	10	333	343	U	0.343
bis (2-Chloroethoxy) methane		330	10	10	333	343	U	0.343
2,4-Dichlorophenol		550	10	10	333	343	U	0.343
Benzoic Acid		330	10	10	333	343	U	0.343
1,2,4-Trichlorobenzene		330	10	10	333	343	U	0.343
Naphthalene		330	10	10	333	343	U	0.343
4-Chloroaniline		330	10	10	333	343	U	0.343
Hexachlorobutadiene		330	10	10	333	343	U	0.343
4-Chloro-3-methylphenol		330	10	10	333	343	U	0.343
2-Methylnaphthalene		330	10	10	333	343	U	0.343
Hexachlorocyclopentadiene		330	10	10	333	343	U	0.343
2,4,6-Trichlorophenol		550	10	10	333	343	U	0.343
2,4,5-Trichlorophenol		550	10	10	333	343	U	0.343
2-Chloronaphthalene		330	10	10	333	343	U	0.343
2-Nitroaniline		330	10	10	333	343	U	0.343
Acenaphthalene		330	10	10	333	343	U	0.343
Dimethylphthalate		1500	10	10	333	343	U	0.343
2,6-Dinitrotoluene		330	10	10	333	343	U	0.343
3-Nitroaniline		330	10	10	333	343	U	0.343
Acenaphthene		330	10	10	333	343	U	0.343
2,4-Dinitrophenol		550	10	10	333	343	U	0.343
Dibenzofuran		330	10	10	333	343	U	0.343
2,4-Dinitrotoluene		330	10	10	333	343	U	0.343
4-Nitrophenol		550	10	10	333	343	U	0.343
Fluorene		550	10	10	333	343	U	0.343
4-Chlorophenyl-phenyl ether		330	10	10	333	343	U	0.343
Diethylphthelate		1500	10	10	333	343	U	0.343
4-Nitroaniline		330	10	10	333	343	U	0.343
4,6-Dinitro-2-methylphenol		550	10	10	333	343	U	0.343
N-Nitrosodiphenylamine		330	10	10	333	343	U	0.343
4-Bromophenyl-phenylether		330	10	10	333	343	U	0.343
Hexachlorobenzene		330	10	10	333	343	U	0.343
Pentachlorophenol		550	10	10	333	343	U	0.343
Phenanthrene		330	10	10	333	343	U	0.343
Anthracene		330	10	10	333	343	U	0.343
Di-n-butylphthalate		1500	10	10	333	343	U	0.343
Fluoranthene		330	10	10	333	343	U	0.343
Pyrene		330	10	10	333	343	U	0.343
Butylbenzylphthalate		1500	10	10	333	343	U	0.343
3,3-Dichlorobenzidine		330	10	10	333	343	U	0.343
Benzo (a) anthracene		330	10	10	333	343	U	0.343
Chrysene		330	10	10	333	343	U	0.343
bis (2-Ethylhexyl) phthalate		1500	10	10	333	343	U	0.343
Di-n-octylphthalate		1500	10	10	333	343	U	0.343
Benzo (b) fluoranthene		330	10	10	333	343	U	0.343
Benzo (k) fluoranthene		330	10	10	333	343	U	0.343
Benzo (a) pyrene		330	10	10	333	343	U	0.343
Indeno (1,2,3-cd) pyrene		330	10	10	333	343	U	0.343
Dibenzo (a,h) anthracene		330	10	10	333	343	U	0.343
Benzo (g,h,i) perylene		330	10	10	333	343	U	0.343

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		69	69	25-121
Phenol-d6		64	64	24-113
Nitrobenzene-d5		85	85	23-120
2-Fluorobiphenyl		112	112	30-115
2,4,6-Tribromophenol		99	99	19-122
Terphenyl-d14		193	193	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected :corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111601-14	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-148	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date	11/27/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	76
Lab Data File Name:	SA044556	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	438	U	0.438
Phenol		550	10	10	333	438	U	0.438
2-Chlorophenol		550	10	10	333	438	U	0.438
1,3-Dichlorobenzene		330	10	10	333	438	U	0.438
1,4-Dichlorobenzene		330	10	10	333	438	U	0.438
1,2-Dichlorobenzene		330	10	10	333	438	U	0.438
Benzyl Alcohol		330	10	10	333	438	U	0.438
bis (2-Chloroisopropyl) ether		330	10	10	333	438	U	0.438
2-Methylphenol		550	10	10	333	438	U	0.438
Hexachloroethane		330	10	10	333	438	U	0.438
N-Nitroso-di-n-propylamine		330	10	10	333	438	U	0.438
4-Methylphenol		550	10	10	333	438	U	0.438
Nitrobenzene		330	10	10	333	438	U	0.438
Isophorone		330	10	10	333	438	U	0.438
2-Nitrophenol		550	10	10	333	438	U	0.438
2,4-Dimethylphenol		550	10	10	333	438	U	0.438
bis (2-Chloroethoxy) methane		330	10	10	333	438	U	0.438
2,4-Dichlorophenol		550	10	10	333	438	U	0.438
Benzoic Acid		330	10	10	333	438	U	0.438
1,2,4-Trichlorobenzene		330	10	10	333	438	U	0.438
Naphthalene		330	10	10	333	438	U	0.438
4-Chloroaniline		330	10	10	333	438	U	0.438
Hexachlorobutadiene		330	10	10	333	438	U	0.438
4-Chloro-3-methylphenol		330	10	10	333	438	U	0.438
2-Methylnaphthalene		330	10	10	333	438	U	0.438
Hexachlorocyclopentadiene		330	10	10	333	438	U	0.438
2,4,6-Trichlorophenol		550	10	10	333	438	U	0.438
2,4,5-Trichlorophenol		550	10	10	333	438	U	0.438
2-Chloronaphthalene		330	10	10	333	438	U	0.438
2-Nitroaniline		330	10	10	333	438	U	0.438
Acenaphthalene		330	10	10	333	438	U	0.438
Dimethylphthalate		1500	10	10	333	438	U	0.438
2,6-Dinitrotoluene		330	10	10	333	438	U	0.438
3-Nitroaniline		330	10	10	333	438	U	0.438
Acenaphthene		330	10	10	333	438	U	0.438
2,4-Dinitrophenol		550	10	10	333	438	U	0.438
Dibenzofuran		330	10	10	333	438	U	0.438
2,4-Dinitrotoluene		330	10	10	333	438	U	0.438
4-Nitrophenol		550	10	10	333	438	U	0.438
Fluorene		550	10	10	333	438	U	0.438
4-Chlorophenyl-phenyl ether		330	10	10	333	438	U	0.438
Diethylphthalate		1500	10	10	333	438	U	0.438
4-Nitroaniline		330	10	10	333	438	U	0.438
4,6-Dinitro-2-methylphenol		550	10	10	333	438	U	0.438
N-Nitrosodiphenylamine		330	10	10	333	438	U	0.438
4-Bromophenyl-phenylether		330	10	10	333	438	U	0.438
Hexachlorobenzene		330	10	10	333	438	U	0.438
Pentachlorophenol		550	10	10	333	438	U	0.438
Phenanthrene		330	10	10	333	438	U	0.438
Anthracene		330	10	10	333	438	U	0.438
Di-n-butylphthalate		1500	10	10	333	438	U	0.438
Fluoranthene		330	10	10	333	438	U	0.438
Pyrene		330	10	10	333	438	U	0.438
Butylbenzylphthalate		1500	10	10	333	438	U	0.438
3,3-Dichlorobenzidine		330	10	10	333	438	U	0.438
Benzo (a) anthracene		330	10	10	333	438	U	0.438
Chrysene		330	10	10	333	438	U	0.438
bis (2-Ethylhexyl) phthalate		1500	10	10	333	438	U	0.438
Di-n-octylphthalate		1500	10	10	333	438	U	0.438
Benzo (b) fluoranthene		330	10	10	333	438	U	0.438
Benzo (k) fluoranthene		330	10	10	333	438	U	0.438
Benzo (a) pyrene		330	10	10	333	438	U	0.438
Indeno (1,2,3-cd) pyrene		330	10	10	333	438	U	0.438
Dibenzo (a,h) anthracene		330	10	10	333	438	U	0.438
Benzo (g,h,i) perylene		330	10	10	333	438	U	0.438

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43	43	25-121
Phenol-d6		33	33	24-113
Nitrobenzene-d5		55	55	23-120
2-Fluorobiphenyl		51	51	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		52	52	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract

Lab Delivery Group:	URS111601	Sample Amount	30
Lab Sample ID	URS111601-15	Lab Prep Date:	11/18/01
Field Sample ID	GCMS-Q-155	Prep Method 1	SW3050
Date Sample Collected:	11/16/01	Prep Method 2	
Date Sample Received:	11/16/01	Lab Analysis Date:	11/27/01
EDD Transfer Date.		Result Type:	FR
Sample Matrix:	S	Result Units:	ug/kg
Sample Type:	F	Dilution Type:	00
Analysis Method:	SW8270C	Dilution Factor:	1
Prep Batch Number:	QCS009	Spike Amount:	
Lab Data File Name:	SA04557	Percent Solids:	87
		Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	385	U	0.385
Phenol		550	10	10	333	385	U	0.385
2-Chlorophenol		550	10	10	333	385	U	0.385
1,3-Dichlorobenzene		330	10	10	333	385	U	0.385
1,4-Dichlorobenzene		330	10	10	333	385	U	0.385
1,2-Dichlorobenzene		330	10	10	333	385	U	0.385
Benzyl Alcohol		330	10	10	333	385	U	0.385
bis (2-Chloroisopropyl) ether		330	10	10	333	385	U	0.385
2-Methylphenol		550	10	10	333	385	U	0.385
Hexachloroethane		330	10	10	333	385	U	0.385
N-Nitroso-di-n-propylamine		330	10	10	333	385	U	0.385
4-Methylphenol		550	10	10	333	385	U	0.385
Nitrobenzene		330	10	10	333	385	U	0.385
Isophorone		330	10	10	333	385	U	0.385
2-Nitrophenol		550	10	10	333	385	U	0.385
2,4-Dimethylphenol		550	10	10	333	385	U	0.385
bis (2-Chloroethoxy) methane		330	10	10	333	385	U	0.385
2,4-Dichlorophenol		550	10	10	333	385	U	0.385
Benzoic Acid		330	10	10	333	385	U	0.385
1,2,4-Trichlorobenzene		330	10	10	333	385	U	0.385
Naphthalene		330	10	10	333	385	U	0.385
4-Chloroaniline		330	10	10	333	385	U	0.385
Hexachlorobutadiene		330	10	10	333	385	U	0.385
4-Chloro-3-methylphenol		330	10	10	333	385	U	0.385
2-Methylnaphthalene		330	10	10	333	385	U	0.385
Hexachlorocyclopentadiene		330	10	10	333	385	U	0.385
2,4,6-Trichlorophenol		550	10	10	333	385	U	0.385
2,4,5-Trichlorophenol		550	10	10	333	385	U	0.385
2-Chloronaphthalene		330	10	10	333	385	U	0.385
2-Nitroaniline		330	10	10	333	385	U	0.385
Acenaphthalene		330	10	10	333	385	U	0.385
Dimethylphthalate		1500	10	10	333	385	U	0.385
2,6-Dinitrotoluene		330	10	10	333	385	U	0.385
3-Nitroaniline		330	10	10	333	385	U	0.385
Acenaphthene		330	10	10	333	385	U	0.385
2,4-Dinitrophenol		550	10	10	333	385	U	0.385
Dibenzofuran		330	10	10	333	385	U	0.385
2,4-Dinitrotoluene		330	10	10	333	385	U	0.385
4-Nitrophenol		550	10	10	333	385	U	0.385
Fluorene		550	10	10	333	385	U	0.385
4-Chlorophenyl-phenyl ether		330	10	10	333	385	U	0.385
Diethylphthalate		1500	10	10	333	385	U	0.385
4-Nitroaniline		330	10	10	333	385	U	0.385
4,6-Dinitro-2-methylphenol		550	10	10	333	385	U	0.385
N-Nitrosodiphenylamine		330	10	10	333	385	U	0.385
4-Bromophenyl-phenylether		330	10	10	333	385	U	0.385
Hexachlorobenzene		330	10	10	333	385	U	0.385
Pentachlorophenol		550	10	10	333	385	U	0.385
Phenanthrene		330	10	10	333	385	U	0.385
Anthracene		330	10	10	333	385	U	0.385
Di-n-butylphthalate		1500	10	10	333	385	U	0.385
Fluoranthene		330	10	10	333	385	U	0.385
Pyrene		330	10	10	333	385	U	0.385
Butylbenzylphthalate		1500	10	10	333	385	U	0.385
3,3-Dichlorobenzidine		330	10	10	333	385	U	0.385
Benzo (a) anthracene		330	10	10	333	385	U	0.385
Chrysene		330	10	10	333	385	U	0.385
bis (2-Ethylhexyl) phthalate		1500	10	10	333	385	U	0.385
Di-n-octylphthalate		1500	10	10	333	385	U	0.385
Benzo (b) fluoranthene		330	10	10	333	385	U	0.385
Benzo (k) fluoranthene		330	10	10	333	385	U	0.385
Benzo (a) pyrene		330	10	10	333	385	U	0.385
Indeno (1,2,3-cd) pyrene		330	10	10	333	385	U	0.385
Dibenzo (a,h) anthracene		330	10	10	333	385	U	0.385
Benzo (g,h,i) perylene		330	10	10	333	385	U	0.385

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		33	33	25-121
Phenol-d6		27	27	24-113
Nitrobenzene-d5		45	45	23-120
2-Fluorobiphenyl		41	41	30-115
2,4,6-Tribromophenol		57	57	19-122
Terphenyl-d14		44	44	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected= corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/18/01
Lab Sample ID	URS111601-16	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-163	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date.	11/27/01
Date Sample Received.	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type.	00
Sample Type.	F	Dilution Factor:	1
Analysis Method:	*SW8270C*	*Spike Amount:*	
Prep Batch Number:	QCS009	Percent Solids:	94
Lab Data File Name:	SA04558	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10	333	356	U	0.356
Phenol		550	10	10	333	356	U	0.356
2-Chlorophenol		550	10	10	333	356	U	0.356
1,3-Dichlorobenzene		330	10	10	333	356	U	0.356
1,4-Dichlorobenzene		330	10	10	333	356	U	0.356
1,2-Dichlorobenzene		330	10	10	333	356	U	0.356
Benzyl Alcohol		330	10	10	333	356	U	0.356
bis (2-Chloroisopropyl) ether		330	10	10	333	356	U	0.356
2-Methylphenol		550	10	10	333	356	U	0.356
Hexachloroethane		330	10	10	333	356	U	0.356
N-Nitroso-di-n-propylamine		330	10	10	333	356	U	0.356
4-Methylphenol		550	10	10	333	356	U	0.356
Nitrobenzene		330	10	10	333	356	U	0.356
Isophorone		330	10	10	333	356	U	0.356
2-Nitrophenol		550	10	10	333	356	U	0.356
2,4-Dimethylphenol		550	10	10	333	356	U	0.356
bis (2-Chloroethoxy) methane		330	10	10	333	356	U	0.356
2,4-Dichlorophenol		550	10	10	333	356		0.356
Benzoic Acid		330	10	10	333	356	U	0.356
1,2,4-Trichlorobenzene		330	10	10	333	356	U	0.356
Naphthalene		330	10	10	333	356	U	0.356
4-Chloroaniline		330	10	10	333	356	U	0.356
Hexachlorobutadiene		330	10	10	333	356	U	0.356
4-Chloro-3-methylphenol		330	10	10	333	356	U	0.356
2-Methylnaphthalene		330	10	10	333	356	U	0.356
Hexachlorocyclopentadiene		330	10	10	333	356	U	0.356
2,4,6-Trichlorophenol		550	10	10	333	356	U	0.356
2,4,5-Trichlorophenol		550	10	10	333	356	U	0.356
2-Chloronaphthalene		330	10	10	333	356	U	0.356
2-Nitroaniline		330	10	10	333	356	U	0.356
Acenaphthalene		330	10	10	333	356	U	0.356
Dimethylphthalate		1500	10	10	333	356	U	0.356
2,6-Dinitrotoluene		330	10	10	333	356	U	0.356
3-Nitroaniline		330	10	10	333	356	U	0.356
Acenaphthene		330	10	10	333	356	U	0.356
2,4-Dinitrophenol		550	10	10	333	356	U	0.356
Dibenzofuran		330	10	10	333	356	U	0.356
2,4-Dinitrotoluene		330	10	10	333	356	U	0.356
4-Nitrophenol		550	10	10	333	356	U	0.356
Fluorene		550	10	10	333	356	U	0.356
4-Chlorophenyl-phenyl ether		330	10	10	333	356	U	0.356
Diethylphthalate		1500	10	10	333	356	U	0.356
4-Nitroaniline		330	10	10	333	356	U	0.356
4,6-Dinitro-2-methylphenol		550	10	10	333	356	U	0.356
N-Nitrosodiphenylamine		330	10	10	333	356	U	0.356
4-Bromophenyl-phenylether		330	10	10	333	356	U	0.356
Hexachlorobenzene		330	10	10	333	356	U	0.356
Pentachlorophenol		550	10	10	333	356	U	0.356
Phenanthrene		330	10	10	333	356	U	0.356
Anthracene		330	10	10	333	356	U	0.356
Di-n-butylphthalate		1500	10	10	333	356	U	0.356
Fluoranthene		330	10	10	333	356	U	0.356
Pyrene		330	10	10	333	356	U	0.356
Butylbenzylphthalate		1500	10	10	333	356	U	0.356
3,3-Dichlorobenzidine		330	10	10	333	356	U	0.356
Benzo (a) anthracene		330	10	10	333	356	U	0.356
Chrysene		330	10	10	333	356	U	0.356
bis (2-Ethylhexyl) phthalate		1500	10	10	333	356	U	0.356
Di-n-octylphthalate		1500	10	10	333	356	U	0.356
Benzo (b) fluoranthene		330	10	10	333	356	U	0.356
Benzo (k) fluoranthene		330	10	10	333	356	U	0.356
Benzo (a) pyrene		330	10	10	333	356	U	0.356
Indeno (1,2,3-cd) pyrene		330	10	10	333	356	U	0.356
Dibenzo (a,h) anthracene		330	10	10	333	356	U	0.356
Benzo (g,h,i) perylene		330	10	10	333	356	U	0.356

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		34	34	25-121
Phenol-d6		28	28	24-113
Nitrobenzene-d5		42	42	23-120
2-Fluorobiphenyl		39	39	30-115
2,4,6-Tribromophenol		74	74	19-122
Terphenyl-d14		55	55	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/16/01
Lab Sample ID:	URS111601-17	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-172	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	78
Lab Data File Name:	SA04559	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	427	U	0.427
Phenol		550	10	10	333	427	U	0.427
2-Chlorophenol		550	10	10	333	427	U	0.427
1,3-Dichlorobenzene		330	10	10	333	427	U	0.427
1,4-Dichlorobenzene		330	10	10	333	427	U	0.427
1,2-Dichlorobenzene		330	10	10	333	427	U	0.427
Benzyl Alcohol		330	10	10	333	427	U	0.427
bis (2-Chloroisopropyl) ether		330	10	10	333	427	U	0.427
2-Methylphenol		550	10	10	333	427	U	0.427
Hexachloroethane		330	10	10	333	427	U	0.427
N-Nitroso-di-n-propylamine		330	10	10	333	427	U	0.427
4-Methylphenol		550	10	10	333	427	U	0.427
Nitrobenzene		330	10	10	333	427	U	0.427
Isophorone		330	10	10	333	427	U	0.427
2-Nitrophenol		550	10	10	333	427	U	0.427
2,4-Dimethylphenol		550	10	10	333	427	U	0.427
bis (2-Chloroethoxy) methane		330	10	10	333	427	U	0.427
2,4-Dichlorophenol		550	10	10	333	427	U	0.427
Benzoic Acid		330	10	10	333	427	U	0.427
1,2,4-Trichlorobenzene		330	10	10	333	427	U	0.427
Naphthalene		330	10	10	333	427	U	0.427
4-Chloroaniline		330	10	10	333	427	U	0.427
Hexachlorobutadiene		330	10	10	333	427	U	0.427
4-Chloro-3-methylphenol		330	10	10	333	427	U	0.427
2-Methylnaphthalene		330	10	10	333	427	U	0.427
Hexachlorocyclopentadiene		330	10	10	333	427	U	0.427
2,4,6-Trichlorophenol		550	10	10	333	427	U	0.427
2,4,5-Trichlorophenol		550	10	10	333	427	U	0.427
2-Chloronaphthalene		330	10	10	333	427	U	0.427
2-Nitroaniline		330	10	10	333	427	U	0.427
Acenaphthalene		330	10	10	333	427	U	0.427
Dimethylphthalate		1500	10	10	333	427	U	0.427
2,6-Dinitrotoluene		330	10	10	333	427	U	0.427
3-Nitroaniline		330	10	10	333	427	U	0.427
Acenaphthene		330	10	10	333	427	U	0.427
2,4-Dinitrophenol		550	10	10	333	427	U	0.427
Dibenzofuran		330	10	10	333	427	U	0.427
2,4-Dinitrotoluene		330	10	10	333	427	U	0.427
4-Nitrophenol		550	10	10	333	427	U	0.427
Fluorene		550	10	10	333	427	U	0.427
4-Chlorophenyl-phenyl ether		330	10	10	333	427	U	0.427
Diethylphthalate		1500	10	10	333	427	U	0.427
4-Nitroaniline		330	10	10	333	427	U	0.427
4,6-Dinitro-2-methylphenol		550	10	10	333	427	U	0.427
N-Nitrosodiphenylamine		330	10	10	333	427	U	0.427
4-Bromophenyl-phenylether		330	10	10	333	427	U	0.427
Hexachlorobenzene		330	10	10	333	427	U	0.427
Pentachlorophenol		550	10	10	333	427	U	0.427
Phenanthrene		330	10	10	333	427	U	0.427
Anthracene		330	10	10	333	427	U	0.427
Di-n-butylphthalate		1500	10	10	333	427	U	0.427
Fluoranthene		330	10	10	333	427	U	0.427
Pyrene		330	10	10	333	427	U	0.427
Butylbenzylphthalate		1500	10	10	333	427	U	0.427
3,3-Dichlorobenzidine		330	10	10	333	427	U	0.427
Benzo (a) anthracene		330	10	10	333	427	U	0.427
Chrysene		330	10	10	333	427	U	0.427
bis (2-Ethylhexyl) phthalate		1500	10	10	333	427	U	0.427
Di-n-octylphthalate		1500	10	10	333	427	U	0.427
Benzo (b) fluoranthene		330	10	10	333	427	U	0.427
Benzo (k) fluoranthene		330	10	10	333	427	U	0.427
Benzo (a) pyrene		330	10	10	333	427	U	0.427
Indeno (1,2,3-cd) pyrene		330	10	10	333	427	U	0.427
Dibenzo (a,h) anthracene		330	10	10	333	427	U	0.427
Benzo (g,h,i) perylene		330	10	10	333	427	U	0.427

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		45	45	25-121
Phenol-d6		35	35	24-113
Nitrobenzene-d5		58	58	23-120
2-Fluorobiphenyl		52	52	30-115
2,4,6-Tribromophenol		64	64	19-122
Terphenyl-d14		55	55	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111601	Lab Prep Date:	11/28/01
Lab Sample ID:	URS111601-18	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-183	Prep Method 2:	
Date Sample Collected:	11/16/01	Lab Analysis Date:	11/28/01
Date Sample Received:	11/16/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	87
Lab Data File Name:	*SA04616*	*Laboratory Code:*	*STL-OST*

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	381	U	0.381
Phenol		550	10	10	333	381	U	0.381
2-Chlorophenol		550	10	10	333	381	U	0.381
1,3-Dichlorobenzene		330	10	10	333	381	U	0.381
1,4-Dichlorobenzene		330	10	10	333	381	U	0.381
1,2-Dichlorobenzene		330	10	10	333	381	U	0.381
Benzyl Alcohol		330	10	10	333	381	U	0.381
bis (2-Chloroisopropyl) ether		330	10	10	333	381	U	0.381
2-Methylphenol		550	10	10	333	381	U	0.381
Hexachloroethane		330	10	10	333	381	U	0.381
N-Nitroso-di-n-propylamine		330	10	10	333	381	U	0.381
4-Methylphenol		550	10	10	333	381	U	0.381
Nitrobenzene		330	10	10	333	381	U	0.381
Isophorone		330	10	10	333	381	U	0.381
2-Nitrophenol		550	10	10	333	381	U	0.381
2,4-Dimethylphenol		550	10	10	333	381	U	0.381
bis (2-Chloroethoxy) methane		330	10	10	333	381	U	0.381
2,4-Dichlorophenol		550	10	10	333	381	U	0.381
Benzoic Acid		330	10	10	333	381	U	0.381
1,2,4-Trichlorobenzene		330	10	10	333	381	U	0.381
Naphthalene		330	10	10	333	381	U	0.381
4-Chloroaniline		330	10	10	333	381	U	0.381
Hexachlorobutadiene		330	10	10	333	381	U	0.381
4-Chloro-3-methylphenol		330	10	10	333	381	U	0.381
2-Methylnaphthalene		330	10	10	333	381	U	0.381
Hexachlorocyclopentadiene		330	10	10	333	381	U	0.381
2,4,6-Trichlorophenol		550	10	10	333	381	U	0.381
2,4,5-Trichlorophenol		550	10	10	333	381	U	0.381
2-Chloronaphthalene		330	10	10	333	381	U	0.381
2-Nitroaniline		330	10	10	333	381	U	0.381
Acenaphthalene		330	10	10	333	381	U	0.381
Dimethylphthalate		1500	10	10	333	381	U	0.381
2,6-Dinitrotoluene		330	10	10	333	381	U	0.381
3-Nitroaniline		330	10	10	333	381	U	0.381
Acenaphthene		330	10	10	333	381	U	0.381
2,4-Dinitrophenol		550	10	10	333	381	U	0.381
Dibenzofuran		330	10	10	333	381	U	0.381
2,4-Dinitrotoluene		330	10	10	333	381	U	0.381
4-Nitrophenol		550	10	10	333	381	U	0.381
Fluorene		550	10	10	333	381	U	0.381
4-Chlorophenyl-phenyl ether		330	10	10	333	381	U	0.381
Diethylphthalate		1500	10	10	333	381	U	0.381
4-Nitroaniline		330	10	10	333	381	U	0.381
4,6-Dinitro-2-methylphenol		550	10	10	333	381	U	0.381
N-Nitrosodiphenylamine		330	10	10	333	381	U	0.381
4-Bromophenyl-phenylether		330	10	10	333	381	U	0.381
Hexachlorobenzene		330	10	10	333	381	U	0.381
Pentachlorophenol		550	10	10	333	381	U	0.381
Phenanthrene		330	10	10	333	381	U	0.381
Anthracene		330	10	10	333	381	U	0.381
Di-n-butylphthalate		1500	10	10	333	381	U	0.381
Fluoranthene		330	10	10	333	381	U	0.381
Pyrene		330	10	10	333	381	U	0.381
Butylbenzylphthalate		1500	10	10	333	381	U	0.381
3,3-Dichlorobenzidine		330	10	10	333	381	U	0.381
Benzo (a) anthracene		330	10	10	333	381	U	0.381
Chrysene		330	10	10	333	381	U	0.381
bis (2-Ethylhexyl) phthalate		1500	10	10	333	381	U	0.381
Di-n-octylphthalate		1500	10	10	333	381	U	0.381
Benzo (b) fluoranthene		330	10	10	333	381	U	0.381
Benzo (k) fluoranthene		330	10	10	333	381	U	0.381
Benzo (a) pyrene		330	10	10	333	381	U	0.381
Indeno (1,2,3-cd) pyrene		330	10	10	333	381	U	0.381
Dibenzo (a,h) anthracene		330	10	10	333	381	U	0.381
Benzo (g,h,i) perylene		330	10	10	333	381	U	0.381

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		57	57	25-121
Phenol-d6		52	52	24-113
Nitrobenzene-d5		71	71	23-120
2-Fluorobiphenyl		87	87	30-115
2,4,6-Tribromophenol		79	79	19-122
Terphenyl-d14		138	138	18-137

E = Exceeds Calibration *U= not detected* *J= Estimated* *B= Detected in Method Blank*

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract:
Lab Delivery Group: URS111701
Lab Sample ID: URS111701-01
Field Sample ID: GCMS-Q-127
Date Sample Collecte 11/17/01
Date Sample Receive 11/17/01
EDD Transfer Date:
Sample Matrix: S
Sample Type: F
Analysis Method: SW8270C
Prep Batch Number: QCS010
Lab Data File Name: SA04614

Sample Amount: 30
Lab Prep Date: 11/28/01
Prep Method 1: SW3050
Prep Method 2:
Lab Analysis Date: 11/28/01
Result Type: FR
Result Units: ug/kg
Dilution Type: 00
Dilution Factor: 1
Spike Amount:
Percent Solids: 84
Laboratory Code: STL-OST

Analyte Name:	CAS Numbe	DL	Raw Result	t. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	396	U	0.40
Phenol		550	10	10	333	396	U	0.40
2-Chlorophenol		550	10	10	333	396	U	0.40
1,3-Dichlorobenzene		330	10	10	333	396	U	0.40
1,4-Dichlorobenzene		330	10	10	333	396	U	0.40
1,2-Dichlorobenzene		330	10	10	333	396	U	0.40
Benzyl Alcohol		330	10	10	333	396	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	396	U	0.40
2-Methylphenol		550	10	10	333	396	U	0.40
Hexachloroethane		330	10	10	333	396	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	396	U	0.40
4-Methylphenol		550	10	10	333	396	U	0.40
Nitrobenzene		330	10	10	333	396	U	0.40
Isophorone		330	10	10	333	396	U	0.40
2-Nitrophenol		550	10	10	333	396	U	0.40
2,4-Dimethylphenol		550	10	10	333	396	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	396	U	0.40
2,4-Dichlorophenol		550	10	10	333	396	U	0.40
Benzoic Acid		330	10	10	333	396	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	396	U	0.40
Naphthalene		330	10	10	333	396	U	0.40
4-Chloroaniline		330	10	10	333	396	U	0.40
Hexachlorobutadiene		330	10	10	333	396	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	396	U	0.40
2-Methylnaphthalene		330	10	10	333	396	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	396	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	396	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	396	U	0.40
2-Chloronaphthalene		330	10	10	333	396	U	0.40
2-Nitroaniline		330	10	10	333	396	U	0.40
Acenaphthalene		330	10	10	333	396	U	0.40
Dimethylphthalate		1500	10	10	333	396	U	0.40
2,6-Dinitrotoluene		330	10	10	333	396	U	0.40
3-Nitroaniline		330	10	10	333	396	U	0.40
Acenaphthene		330	10	10	333	396	U	0.40
2,4-Dinitrophenol		550	10	10	333	396	U	0.40
Dibenzofuran		330	10	10	333	396	U	0.40
2,4-Dinitrotoluene		330	10	10	333	396	U	0.40
4-Nitrophenol		550	10	10	333	396	U	0.40
Fluorene		550	10	10	333	396	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	396	U	0.40
Diethylphthalate		1500	10	10	333	396	U	0.40
4-Nitroaniline		330	10	10	333	396	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	396	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	396	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	396	U	0.40
Hexachlorobenzene		330	10	10	333	396	U	0.40
Pentachlorophenol		550	10	10	333	396	U	0.40
Phenanthrene		330	10	10	333	396	U	0.40
Anthracene		330	10	10	333	396	U	0.40
Di-n-butylphthalate		1500	10	10	333	396	U	0.40
Fluoranthene		330	10	10	333	396	U	0.40
Pyrene		330	10	10	333	396	U	0.40
Butylbenzylphthalate		1500	10	10	333	396	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	396	U	0.40
Benzo (a) anthracene		330	10	10	333	396	U	0.40
Chrysene		330	10	10	333	396	U	0.40
bis (2-Ethylhexyl) phthalate		**1500**	**42**	**42**	**1414**	**1678**		**1.68**
Di-n-octylphthalate		1500	10	10	333	396	U	0.40
Benzo (b) fluoranthene		330	10	10	333	396	U	0.40
Benzo (k) fluoranthene		330	10	10	333	396	U	0.40
Benzo (a) pyrene		330	10	10	333	396	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	396	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	396	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	396	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		42	42	24-113
Nitrobenzene-d5		65	65	23-120
2-Fluorobiphenyl		81	81	30-115
2,4,6-Tribromophenol		87	87	19-122
Terphenyl-d14		181	181	18-137

E = Exceeds Calibrati U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ree outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111701-02	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-173	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	83
Lab Data File Name:	SA04562	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	400	U	0.40
Phenol		550	10	10	333	400	U	0.40
2-Chlorophenol		550	10	10	333	400	U	0.40
1,3-Dichlorobenzene		330	10	10	333	400	U	0.40
1,4-Dichlorobenzene		330	10	10	333	400	U	0.40
1,2-Dichlorobenzene		330	10	10	333	400	U	0.40
Benzyl Alcohol		330	10	10	333	400	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	400	U	0.40
2-Methylphenol		550	10	10	333	400	U	0.40
Hexachloroethane		330	10	10	333	400	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	400	U	0.40
4-Methylphenol		550	10	10	333	400	U	0.40
Nitrobenzene		330	10	10	333	400	U	0.40
Isophorone		330	10	10	333	400	U	0.40
2-Nitrophenol		550	10	10	333	400	U	0.40
2,4-Dimethylphenol		550	10	10	333	400	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	400	U	0.40
2,4-Dichlorophenol		550	10	10	333	400	U	0.40
Benzoic Acid		330	10	10	333	400	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	400	U	0.40
Naphthalene		330	10	10	333	400	U	0.40
4-Chloroaniline		330	10	10	333	400	U	0.40
Hexachlorobutadiene		330	10	10	333	400	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	400	U	0.40
2-Methylnaphthalene		330	10	10	333	400	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	400	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	400	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	400	U	0.40
2-Chloronaphthalene		330	10	10	333	400	U	0.40
2-Nitroaniline		330	10	10	333	400	U	0.40
Acenaphthalene		330	10	10	333	400	U	0.40
Dimethylphthalate		1500	10	10	333	400	U	0.40
2,6-Dinitrotoluene		330	10	10	333	400	U	0.40
3-Nitroaniline		330	10	10	333	400	U	0.40
Acenaphthene		330	10	10	333	400	U	0.40
2,4-Dinitrophenol		550	10	10	333	400	U	0.40
Dibenzofuran		330	10	10	333	400	U	0.40
2,4-Dinitrotoluene		330	10	10	333	400	U	0.40
4-Nitrophenol		550	10	10	333	400	U	0.40
Fluorene		550	10	10	333	400	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	400	U	0.40
Diethylphthalate		1500	10	10	333	400	U	0.40
4-Nitroaniline		330	10	10	333	400	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	400	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	400	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	400	U	0.40
Hexachlorobenzene		330	10	10	333	400	U	0.40
Pentachlorophenol		550	10	10	333	400	U	0.40
Phenanthrene		**330**	**29**	**29**	**951**	**1143**		**1.14**
Anthracene		**330**	**5**	**5**	**173**	**207**	**J**	**0.21**
Di-n-butylphthalate		**1500**	**9**	**9**	**288**	**346**	**J**	**0.35**
Fluoranthene		**330**	**44**	**44**	**1479**	**1777**		**1.78**
Pyrene		**330**	**49**	**49**	**1621**	**1948**		**1.95**
Butylbenzylphthalate		1500	10	10	333	400	U	0.40
3,3-Dichlorobenzidine		330	10	10	333	400	U	0.40
Benzo (a) anthracene		**330**	**11**	**11**	**359**	**431**		**0.43**
Chrysene		**330**	**14**	**14**	**465**	**559**		**0.56**
bis (2-Ethylhexyl) phthalate		**1500**	**130**	**130**	**4326**	**5197**		**5.20**
Di-n-octylphthalate		1500	10	10	333	400	U	0.40
Benzo (b) fluoranthene		330	10	10	333	400	U	0.40
Benzo (k) fluoranthene		330	10	10	333	400	U	0.40
Benzo (a) pyrene		330	10	10	333	400	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	400	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	400	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	400	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		28	28	25-121
Phenol-d6		24	24	24-113
Nitrobenzene-d5		72	72	23-120
2-Fluorobiphenyl		53	53	30-115
2,4,6-Tribromophenol		61	61	19-122
Terphenyl-d14		124	124	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111701-02	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-173	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date	11/28/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	83
Lab Data File Name:	SA04599	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4005	U	4.0
Phenol		550	10	10	333	4005	U	4.0
2-Chlorophenol		550	10	10	333	4005	U	4.0
1,3-Dichlorobenzene		330	10	10	333	4005	U	4.0
1,4-Dichlorobenzene		330	10	10	333	4005	U	4.0
1,2-Dichlorobenzene		330	10	10	333	4005	U	4.0
Benzyl Alcohol		330	10	10	333	4005	U	4.0
bis (2-Chloroisopropyl) ether		330	10	10	333	4005	U	4.0
2-Methylphenol		550	10	10	333	4005	U	4.0
Hexachloroethane		330	10	10	333	4005	U	4.0
N-Nitroso-di-n-propylamine		330	10	10	333	4005	U	4.0
4-Methylphenol		550	10	10	333	4005	U	4.0
Nitrobenzene		330	10	10	333	4005	U	4.0
Isophorone		330	10	10	333	4005	U	4.0
2-Nitrophenol		550	10	10	333	4005	U	4.0
2,4-Dimethylphenol		550	10	10	333	4005	U	4.0
bis (2-Chloroethoxy) methane		330	10	10	333	4005	U	4.0
2,4-Dichlorophenol		550	10	10	333	4005	U	4.0
Benzoic Acid		330	10	10	333	4005	U	4.0
1,2,4-Trichlorobenzene		330	10	10	333	4005	U	4.0
Naphthalene		330	10	10	333	4005	U	4.0
4-Chloroaniline		330	10	10	333	4005	U	4.0
Hexachlorobutadiene		330	10	10	333	4005	U	4.0
4-Chloro-3-methylphenol		330	10	10	333	4005	U	4.0
2-Methylnaphthalene		330	10	10	333	4005	U	4.0
Hexachlorocyclopentadiene		330	10	10	333	4005	U	4.0
2,4,6-Trichlorophenol		550	10	10	333	4005	U	4.0
2,4,5-Trichlorophenol		550	10	10	333	4005	U	4.0
2-Chloronaphthalene		330	10	10	333	4005	U	4.0
2-Nitroaniline		330	10	10	333	4005	U	4.0
Acenaphthalene		330	10	10	333	4005	U	4.0
Dimethylphthalate		1500	10	10	333	4005	U	4.0
2,6-Dinitrotoluene		330	10	10	333	4005	U	4.0
3-Nitroaniline		330	10	10	333	4005	U	4.0
Acenaphthene		330	10	10	333	4005	U	4.0
2,4-Dinitrophenol		550	10	10	333	4005	U	4.0
Dibenzofuran		330	10	10	333	4005	U	4.0
2,4-Dinitrotoluene		330	10	10	333	4005	U	4.0
4-Nitrophenol		550	10	10	333	4005	U	4.0
Fluorene		550	10	10	333	4005	U	4.0
4-Chlorophenyl-phenyl ether		330	10	10	333	4005	U	4.0
Diethylphthalate		1500	10	10	333	4005	U	4.0
4-Nitroaniline		330	10	10	333	4005	U	4.0
4,6-Dinitro-2-methylphenol		550	10	10	333	4005	U	4.0
N-Nitrosodiphenylamine		330	10	10	333	4005	U	4.0
4-Bromophenyl-phenylether		330	10	10	333	4005	U	4.0
Hexachlorobenzene		330	10	10	333	4005	U	4.0
Pentachlorophenol		550	10	10	333	4005	U	4.0
Phenanthrene		330	10	10	333	4005	U	4.0
Anthracene		330	10	10	333	4005	U	4.0
Di-n-butylphthalate		1500	10	10	333	4005	U	4.0
Fluoranthene		330	10	10	333	4005	U	4.0
Pyrene		330	10	10	333	4005	U	4.0
Butylbenzylphthalate		1500	10	10	333	4005	U	4.0
3,3-Dichlorobenzidine		330	10	10	333	4005	U	4.0
Benzo (a) anthracene		330	10	10	333	4005	U	4.0
Chrysene		330	10	10	333	4005	U	4.0
bis (2-Ethylhexyl) phthalate		**1500**	**20**	**20**	**678**	**8150**		**8.2**
Di-n-octylphthalate		1500	10	10	333	4005	U	4.0
Benzo (b) fluoranthene		330	10	10	333	4005	U	4.0
Benzo (k) fluoranthene		330	10	10	333	4005	U	4.0
Benzo (a) pyrene		330	10	10	333	4005	U	4.0
Indeno (1,2,3-cd) pyrene		330	10	10	333	4005	U	4.0
Dibenzo (a,h) anthracene		330	10	10	333	4005	U	4.0
Benzo (g,h,i) perylene		330	10	10	333	4005	U	4.0

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	20	25-121
Phenol-d6		2	17	24-113
Nitrobenzene-d5		3	31	23-120
2-Fluorobiphenyl		3	30	30-115
2,4,6-Tribromophenol		4	39	19-122
Terphenyl-d14		9	92	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111701-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-119	Prep Method 2.	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	86
Lab Data File Name:	SA04583	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3886	U	3.9
Phenol		550	10	10	333	3886	U	3.9
2-Chlorophenol		550	10	10	333	3886	U	3.9
1,3-Dichlorobenzene		330	10	10	333	3886	U	3.9
1,4-Dichlorobenzene		330	10	10	333	3886	U	3.9
1,2-Dichlorobenzene		330	10	10	333	3886	U	3.9
Benzyl Alcohol		330	10	10	333	3886	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10	333	3886	U	3.9
2-Methylphenol		550	10	10	333	3886	U	3.9
Hexachloroethane		330	10	10	333	3886	U	3.9
N-Nitroso-di-n-propylamine		330	10	10	333	3886	U	3.9
4-Methylphenol		550	10	10	333	3886	U	3.9
Nitrobenzene		330	10	10	333	3886	U	3.9
Isophorone		330	10	10	333	3886	U	3.9
2-Nitrophenol		550	10	10	333	3886	U	3.9
2,4-Dimethylphenol		550	10	10	333	3886	U	3.9
bis (2-Chloroethoxy) methane		330	10	10	333	3886	U	3.9
2,4-Dichlorophenol		550	10	10	333	3886	U	3.9
Benzoic Acid		330	10	10	333	3886	U	3.9
1,2,4-Trichlorobenzene		330	10	10	333	3886	U	3.9
Naphthalene		**330**	**18**	**18**	**604**	**7046**		**7.0**
4-Chloroaniline		330	10	10	333	3886	U	3.9
Hexachlorobutadiene		330	10	10	333	3886	U	3.9
4-Chloro-3-methylphenol		330	10	10	333	3886	U	3.9
2-Methylnaphthalene		**330**	**7**	**7**	**232**	**2709**	**J**	**2.7**
Hexachlorocyclopentadiene		330	10	10	333	3886	U	3.9
2,4,6-Trichlorophenol		550	10	10	333	3886	U	3.9
2,4,5-Trichlorophenol		550	10	10	333	3886	U	3.9
2-Chloronaphthalene		330	10	10	333	3886	U	3.9
2-Nitroaniline		330	10	10	333	3886	U	3.9
Acenaphthalene		330	10	10	333	3886	U	3.9
Dimethylphthalate		1500	10	10	333	3886	U	3.9
2,6-Dinitrotoluene		330	10	10	333	3886	U	3.9
3-Nitroaniline		330	10	10	333	3886	U	3.9
Acenaphthene		**330**	**63**	**63**	**2113**	**24632**		**25**
2,4-Dinitrophenol		550	10	10	333	3886	U	3.9
Dibenzofuran		**330**	**25**	**25**	**848**	**9883**		**9.9**
2,4-Dinitrotoluene		330	10	10	333	3886	U	3.9
4-Nitrophenol		550	10	10	333	3886	U	3.9
Fluorene		**550**	**63**	**63**	**2115**	**24659**		**25**
4-Chlorophenyl-phenyl ether		330	10	10	333	3886	U	3.9
Diethylphthalate		1500	10	10	333	3886	U	3.9
4-Nitroaniline		330	10	10	333	3886	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10	333	3886	U	3.9
N-Nitrosodiphenylamine		330	10	10	333	3886	U	3.9
4-Bromophenyl-phenylether		330	10	10	333	3886	U	3.9
Hexachlorobenzene		330	10	10	333	3886	U	3.9
Pentachlorophenol		550	10	10	333	3886	U	3.9
Phenanthrene		**330**	**472**	**472**	**15736**	**183467**	**E**	**183**
Anthracene		**330**	**126**	**126**	**4188**	**48824**	**E**	**49**
Di-n-butylphthalate		1500	10	10	333	3886	U	3.9
Fluoranthene		**330**	**496**	**496**	**16524**	**192655**	**E**	**193**
Pyrene		**330**	**1337**	**1337**	**44571**	**519661**	**E**	**520**
Butylbenzylphthalate		1500	10	10	333	3886	U	3.9
3,3-Dichlorobenzidine		330	10	10	333	3886	U	3.9
Benzo (a) anthracene		**330**	**138**	**138**	**4616**	**53822**	**E**	**54**
Chrysene		**330**	**164**	**164**	**5458**	**63631**	**E**	**64**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3886	U	3.9
Di-n-octylphthalate		1500	10	10	333	3886	U	3.9
Benzo (b) fluoranthene		**330**	**146**	**146**	**4862**	**56690**	**E**	**57**
Benzo (k) fluoranthene		**330**	**58**	**58**	**1949**	**22724**		**23**
Benzo (a) pyrene		**330**	**102**	**102**	**3404**	**39691**		**40**
Indeno (1,2,3-cd) pyrene		**330**	**15**	**15**	**512**	**5969**		**6.0**
Dibenzo (a,h) anthracene		330	10	10	333	3886	U	3.9
Benzo (g,h,i) perylene		**330**	**70**	**70**	**2340**	**27278**		**27**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5	45	25-121
Phenol-d6		4	38	24-113
Nitrobenzene-d5		7	66	23-120
2-Fluorobiphenyl		8	76	30-115
2,4,6-Tribromophenol		3	29	19-122
Terphenyl-d14		26	262	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group.	URS111701	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111701-03DL	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-119	Prep Method 2.	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	100
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	86
Lab Data File Name:	SA04628	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	38864	U	39
Phenol		550	10	10	333	38864	U	39
2-Chlorophenol		550	10	10	333	38864	U	39
1,3-Dichlorobenzene		330	10	10	333	38864	U	39
1,4-Dichlorobenzene		330	10	10	333	38864	U	39
1,2-Dichlorobenzene		330	10	10	333	38864	U	39
Benzyl Alcohol		330	10	10	333	38864	U	39
bis (2-Chloroisopropyl) ether		330	10	10	333	38864	U	39
2-Methylphenol		550	10	10	333	38864	U	39
Hexachloroethane		330	10	10	333	38864	U	39
N-Nitroso-di-n-propylamine		330	10	10	333	38864	U	39
4-Methylphenol		550	10	10	333	38864	U	39
Nitrobenzene		330	10	10	333	38864	U	39
Isophorone		330	10	10	333	38864	U	39
2-Nitrophenol		550	10	10	333	38864	U	39
2,4-Dimethylphenol		550	10	10	333	38864	U	39
bis (2-Chloroethoxy) methane		330	10	10	333	38864	U	39
2,4-Dichlorophenol		550	10	10	333	38864	U	39
Benzoic Acid		330	10	10	333	38864	U	39
1,2,4-Trichlorobenzene		330	10	10	333	38864	U	39
Naphthalene		330	10	10	333	38864	U	39
4-Chloroaniline		330	10	10	333	38864	U	39
Hexachlorobutadiene		330	10	10	333	38864	U	39
4-Chloro-3-methylphenol		330	10	10	333	38864	U	39
2-Methylnaphthalene		330	10	10	333	38864	U	39
Hexachlorocyclopentadiene		330	10	10	333	38864	U	39
2,4,6-Trichlorophenol		550	10	10	333	38864	U	39
2,4,5-Trichlorophenol		550	10	10	333	38864	U	39
2-Chloronaphthalene		330	10	10	333	38864	U	39
2-Nitroaniline		330	10	10	333	38864	U	39
Acenaphthalene		330	10	10	333	38864	U	39
Dimethylphthalate		1500	10	10	333	38864	U	39
2,6-Dinitrotoluene		330	10	10	333	38864	U	39
3-Nitroaniline		330	10	10	333	38864	U	39
Acenaphthene		330	10	10	333	38864	U	39
2,4-Dinitrophenol		550	10	10	333	38864	U	39
Dibenzofuran		330	10	10	333	38864	U	39
2,4-Dinitrotoluene		330	10	10	333	38864	U	39
4-Nitrophenol		550	10	10	333	38864	U	39
Fluorene		550	10	10	333	38864	U	39
4-Chlorophenyl-phenyl ether		330	10	10	333	38864	U	39
Diethylphthalate		1500	10	10	333	38864	U	39
4-Nitroaniline		330	10	10	333	38864	U	39
4,6-Dinitro-2-methylphenol		550	10	10	333	38864	U	39
N-Nitrosodiphenylamine		330	10	10	333	38864	U	39
4-Bromophenyl-phenylether		330	10	10	333	38864	U	39
Hexachlorobenzene		330	10	10	333	38864	U	39
Pentachlorophenol		550	10	10	333	38864	U	39
Phenanthrene		**330**	**65**	**65**	**2176**	**253702**		**254**
Anthracene		**330**	**11**	**11**	**363**	**42361**		**42**
Di-n-butylphthalate		1500	10	10	333	38864	U	39
Fluoranthene		**330**	**55**	**55**	**1819**	**212118**		**212**
Pyrene		**330**	**75**	**75**	**2499**	**291399**		**291**
Butylbenzylphthalate		1500	10	10	333	38864	U	39
3,3-Dichlorobenzidine		330	10	10	333	38864	U	39
Benzo (a) anthracene		**330**	**15**	**15**	**501**	**58412**		**58**
Chrysene		**330**	**21**	**21**	**685**	**79865**		**80**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	38864	U	39
Di-n-octylphthalate		1500	10	10	333	38864	U	39
Benzo (b) fluoranthene		**330**	**25**	**25**	**834**	**97276**		**97**
Benzo (k) fluoranthene		**330**	**10**	**10**	**324**	**37775**	J	**38**
Benzo (a) pyrene		**330**	**13**	**13**	**422**	**49240**		**49**
Indeno (1,2,3-cd) pyrene		330	10	10	333	38864	U	39
Dibenzo (a,h) anthracene		330	10	10	333	38864	U	39
Benzo (g,h,i) perylene		330	10	10	333	38864	U	39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		0	26	25-121
Phenol-d6		0	20	24-113
Nitrobenzene-d5		1	72	23-120
2-Fluorobiphenyl		1	118	30-115
2,4,6-Tribromophenol		1	86	19-122
Terphenyl-d14		3	280	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, poeslbly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/18/01
Lab Sample ID:	URS111701-04	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-125	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS09	Percent Solids:	82
Lab Data File Name:	SA04564	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4053	U	4.053
Phenol		550	10	10	333	4053	U	4.053
2-Chlorophenol		550	10	10	333	4053	U	4.053
1,3-Dichlorobenzene		330	10	10	333	4053	U	4.053
1,4-Dichlorobenzene		330	10	10	333	4053	U	4.053
1,2-Dichlorobenzene		330	10	10	333	4053	U	4.053
Benzyl Alcohol		330	10	10	333	4053	U	4.053
bis (2-Chloroisopropyl) ether		330	10	10	333	4053	U	4.053
2-Methylphenol		550	10	10	333	4053	U	4.053
Hexachloroethane		330	10	10	333	4053	U	4.053
N-Nitroso-di-n-propylamine		330	10	10	333	4053	U	4.053
4-Methylphenol		550	10	10	333	4053	U	4.053
Nitrobenzene		330	10	10	333	4053	U	4.053
Isophorone		330	10	10	333	4053	U	4.053
2-Nitrophenol		550	10	10	333	4053	U	4.053
2,4-Dimethylphenol		550	10	10	333	4053	U	4.053
bis (2-Chloroethoxy) methane		330	10	10	333	4053	U	4.053
2,4-Dichlorophenol		550	10	10	333	4053	U	4.053
Benzoic Acid		330	10	10	333	4053	U	4.053
1,2,4-Trichlorobenzene		330	10	10	333	4053	U	4.053
Naphthalene		330	10	10	333	4053	U	4.053
4-Chloroaniline		330	10	10	333	4053	U	4.053
Hexachlorobutadiene		330	10	10	333	4053	U	4.053
4-Chloro-3-methylphenol		330	10	10	333	4053	U	4.053
2-Methylnaphthalene		330	10	10	333	4053	U	4.053
Hexachlorocyclopentadiene		330	10	10	333	4053	U	4.053
2,4,6-Trichlorophenol		550	10	10	333	4053	U	4.053
2,4,5-Trichlorophenol		550	10	10	333	4053	U	4.053
2-Chloronaphthalene		330	10	10	333	4053	U	4.053
2-Nitroaniline		330	10	10	333	4053	U	4.053
Acenaphthalene		330	10	10	333	4053	U	4.053
Dimethylphthalate		1500	10	10	333	4053	U	4.1
2,6-Dinitrotoluene		330	10	10	333	4053	U	4.1
3-Nitroaniline		330	10	10	333	4053	U	4.1
Acenaphthene		330	10	10	333	4053	U	4.1
2,4-Dinitrophenol		550	10	10	333	4053	U	4.1
Dibenzofuran		330	10	10	333	4053	U	4.1
2,4-Dinitrotoluene		330	10	10	333	4053	U	4.1
4-Nitrophenol		550	10	10	333	4053	U	4.1
Fluorene		550	10	10	333	4053	U	4.1
4-Chlorophenyl-phenyl ether		330	10	10	333	4053	U	4.1
Diethylphthalate		1500	10	10	333	4053	U	4.1
4-Nitroaniline		330	10	10	333	4053	U	4.1
4,6-Dinitro-2-methylphenol		550	10	10	333	4053	U	4.1
N-Nitrosodiphenylamine		330	10	10	333	4053	U	4.1
4-Bromophenyl-phenylether		330	10	10	333	4053	U	4.1
Hexachlorobenzene		330	10	10	333	4053	U	4.1
Pentachlorophenol		550	10	10	333	4053	U	4.1
Phenanthrene		330	10	10	333	4053	U	4.1
Anthracene		330	10	10	333	4053	U	4.1
Di-n-butylphthalate		1500	10	10	333	4053	U	4.1
Fluoranthene		330	10	10	333	4053	U	4.1
Pyrene		330	10	10	333	4053	U	4.1
Butylbenzylphthalate		**1500**	**10**	**10**	**338**	**4113**		**4.1**
3,3-Dichlorobenzidine		330	10	10	333	4053	U	4.1
Benzo (a) anthracene		330	10	10	333	4053	U	4.1
Chrysene		330	10	10	333	4053	U	4.1
bis (2-Ethylhexyl) phthalate		1500	10	10	333	4053	U	4.1
Di-n-octylphthalate		1500	10	10	333	4053	U	4.1
Benzo (b) fluoranthene		330	10	10	333	4053	U	4.1
Benzo (k) fluoranthene		330	10	10	333	4053	U	4.1
Benzo (a) pyrene		330	10	10	333	4053	U	4.1
Indeno (1,2,3-cd) pyrene		330	10	10	333	4053	U	4.1
Dibenzo (a,h) anthracene		330	10	10	333	4053	U	4.1
Benzo (g,h,i) perylene		330	10	10	333	4053	U	4.1

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3	28	25-121
Phenol-d6		2	15	24-113
Nitrobenzene-d5		0	1	23-120
2-Fluorobiphenyl		3	34	30-115
2,4,6-Tribromophenol		5	48	19-122
Terphenyl-d14		5	49	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date	11/18/01
Lab Sample ID:	URS111701-05	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-118	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date.	11/27/01
Date Sample Received:	11/17/01	Result Type.	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	75
Lab Data File Name:	SA04567	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	4458	U	4.5
Phenol		550	10	10	333	4458	U	4.5
2-Chlorophenol		550	10	10	333	4458	U	4.5
1,3-Dichlorobenzene		330	10	10	333	4458	U	4.5
1,4-Dichlorobenzene		330	10	10	333	4458	U	4.5
1,2-Dichlorobenzene		330	10	10	333	4458	U	4.5
Benzyl Alcohol		330	10	10	333	4458	U	4.5
bis (2-Chloroisopropyl) ether		330	10	10	333	4458	U	4.5
2-Methylphenol		550	10	10	333	4458	U	4.5
Hexachloroethane		330	10	10	333	4458	U	4.5
N-Nitroso-di-n-propylamine		330	10	10	333	4458	U	4.5
4-Methylphenol		550	10	10	333	4458	U	4.5
Nitrobenzene		330	10	10	333	4458	U	4.5
Isophorone		330	10	10	333	4458	U	4.5
2-Nitrophenol		550	10	10	333	4458	U	4.5
2,4-Dimethylphenol		550	10	10	333	4458	U	4.5
bis (2-Chloroethoxy) methane		330	10	10	333	4458	U	4.5
2,4-Dichlorophenol		550	10	10	333	4458	U	4.5
Benzoic Acid		330	10	10	333	4458	U	4.5
1,2,4-Trichlorobenzene		330	10	10	333	4458	U	4.5
Naphthalene		330	10	10	333	4458	U	4.5
4-Chloroaniline		330	10	10	333	4458	U	4.5
Hexachlorobutadiene		330	10	10	333	4458	U	4.5
4-Chloro-3-methylphenol		330	10	10	333	4458	U	4.5
2-Methylnaphthalene		330	10	10	333	4458	U	4.5
Hexachlorocyclopentadiene		330	10	10	333	4458	U	4.5
2,4,6-Trichlorophenol		550	10	10	333	4458	U	4.5
2,4,5-Trichlorophenol		550	10	10	333	4458	U	4.5
2-Chloronaphthalene		330	10	10	333	4458	U	4.5
2-Nitroaniline		330	10	10	333	4458	U	4.5
Acenaphthalene		330	10	10	333	4458	U	4.5
Dimethylphthalate		1500	10	10	333	4458	U	4.5
2,6-Dinitrotoluene		330	10	10	333	4458	U	4.5
3-Nitroaniline		330	10	10	333	4458	U	4.5
Acenaphthene		330	10	10	333	4458	U	4.5
2,4-Dinitrophenol		550	10	10	333	4458	U	4.5
Dibenzofuran		330	10	10	333	4458	U	4.5
2,4-Dinitrotoluene		330	10	10	333	4458	U	4.5
4-Nitrophenol		550	10	10	333	4458	U	4.5
Fluorene		550	10	10	333	4458	U	4.5
4-Chlorophenyl-phenyl ether		330	10	10	333	4458	U	4.5
Diethylphthalate		1500	10	10	333	4458	U	4.5
4-Nitroanilline		330	10	10	333	4458	U	4.5
4,6-Dinitro-2-methylphenol		550	10	10	333	4458	U	4.5
N-Nitrosodiphenylamine		330	10	10	333	4458	U	4.5
4-Bromophenyl-phenylether		330	10	10	333	4458	U	4.5
Hexachlorobenzene		330	10	10	333	4458	U	4.5
Pentachlorophenol		550	10	10	333	4458	U	4.5
Phenanthrene		330	10	10	333	4458	U	4.5
Anthracene		330	10	10	333	4458	U	4.5
Di-n-butylphthalate		1500	10	10	333	4458	U	4.5
Fluoranthene		330	10	10	333	4458	U	4.5
Pyrene		330	10	10	333	4458	U	4.5
Butylbenzylphthalate		1500	10	10	333	4458	U	4.5
3,3-Dichlorobenzidine		330	10	10	333	4458	U	4.5
Benzo (a) anthracene		330	10	10	333	4458	U	4.5
Chrysene		330	10	10	333	4458	U	4.5
bis (2-Ethylhexyl) phthalate		1500	10	10	333	4458	U	4.5
Di-n-octylphthalate		1500	10	10	333	4458	U	4.5
Benzo (b) fluoranthene		330	10	10	333	4458	U	4.5
Benzo (k) fluoranthene		330	10	10	333	4458	U	4.5
Benzo (a) pyrene		330	10	10	333	4458	U	4.5
Indeno (1,2,3-cd) pyrene		330	10	10	333	4458	U	4.5
Dibenzo (a,h) anthracene		330	10	10	333	4458	U	4.5
Benzo (g,h,i) perylene		330	10	10	333	4458	U	4.5

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3	34	25-121
Phenol-d6		2	19	24-113
Nitrobenzene-d5		4	39	23-120
2-Fluorobiphenyl		5	52	30-115
2,4,6-Tribromophenol		5	51	19-122
Terphenyl-d14		4	39	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-06	Prep Method 1:	SW3050
Field Sample ID:	*GCMS-Q-113*	*Prep Method 2:*	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	82
Lab Data File Name:	SA04568	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	407	U	0.407
Phenol		550	10	10	333	407	U	0.407
2-Chlorophenol		550	10	10	333	407	U	0.407
1,3-Dichlorobenzene		330	10	10	333	407	U	0.407
1,4-Dichlorobenzene		330	10	10	333	407	U	0.407
1,2-Dichlorobenzene		330	10	10	333	407	U	0.407
Benzyl Alcohol		330	10	10	333	407	U	0.407
bis (2-Chloroisopropyl) ether		330	10	10	333	407	U	0.407
2-Methylphenol		550	10	10	333	407	U	0.407
Hexachloroethane		330	10	10	333	407	U	0.407
N-Nitroso-di-n-propylamine		330	10	10	333	407	U	0.407
4-Methylphenol		550	10	10	333	407	U	0.407
Nitrobenzene		330	10	10	333	407	U	0.407
Isophorone		330	10	10	333	407	U	0.407
2-Nitrophenol		550	10	10	333	407	U	0.407
2,4-Dimethylphenol		550	10	10	333	407	U	0.407
bis (2-Chloroethoxy) methane		330	10	10	333	407	U	0.407
2,4-Dichlorophenol		550	10	10	333	407	U	0.407
Benzoic Acid		330	10	10	333	407	U	0.407
1,2,4-Trichlorobenzene		330	10	10	333	407	U	0.407
Naphthalene		330	10	10	333	407	U	0.407
4-Chloroaniline		330	10	10	333	407	U	0.407
Hexachlorobutadiene		330	10	10	333	407	U	0.407
4-Chloro-3-methylphenol		330	10	10	333	407	U	0.407
2-Methylnaphthalene		330	10	10	333	407	U	0.407
Hexachlorocyclopentadiene		330	10	10	333	407	U	0.407
2,4,6-Trichlorophenol		550	10	10	333	407	U	0.407
2,4,5-Trichlorophenol		550	10	10	333	407	U	0.407
2-Chloronaphthalene		330	10	10	333	407	U	0.407
2-Nitroaniline		330	10	10	333	407	U	0.407
Acenaphthalene		330	10	10	333	407	U	0.407
Dimethylphthalate		1500	10	10	333	407	U	0.407
2,6-Dinitrotoluene		330	10	10	333	407	U	0.407
3-Nitroaniline		330	10	10	333	407	U	0.407
Acenaphthene		330	10	10	333	407	U	0.407
2,4-Dinitrophenol		550	10	10	333	407	U	0.407
Dibenzofuran		330	10	10	333	407	U	0.407
2,4-Dinitrotoluene		330	10	10	333	407	U	0.407
4-Nitrophenol		550	10	10	333	407	U	0.407
Fluorene		550	10	10	333	407	U	0.407
4-Chlorophenyl-phenyl ether		330	10	10	333	407	U	0.407
Diethylphthalate		1500	10	10	333	407	U	0.407
4-Nitroaniline		330	10	10	333	407	U	0.407
4,6-Dinitro-2-methylphenol		550	10	10	333	407	U	0.407
N-Nitrosodiphenylamine		330	10	10	333	407	U	0.407
4-Bromophenyl-phenylether		330	10	10	333	407	U	0.407
Hexachlorobenzene		330	10	10	333	407	U	0.407
Pentachlorophenol		550	10	10	333	407	U	0.407
Phenanthrene		330	10	10	333	407	U	0.407
Anthracene		330	10	10	333	407	U	0.407
Di-n-butylphthalate		1500	10	10	333	407	U	0.407
Fluoranthene		330	10	10	333	407	U	0.407
Pyrene		330	10	10	333	407	U	0.407
Butylbenzylphthalate		1500	10	10	333	407	U	0.407
3,3-Dichlorobenzidine		330	10	10	333	407	U	0.407
Benzo (a) anthracene		330	10	10	333	407	U	0.407
Chrysene		330	10	10	333	407	U	0.407
bis (2-Ethythexyl) phthalate		1500	42	42	1414	1727	U	1.727
Di-n-octyphthalate		1500	10	10	333	407	U	0.407
Benzo (b) fluoranthene		330	10	10	333	407	U	0.407
Benzo (k) fluoranthene		330	10	10	333	407	U	0.407
Benzo (a) pyrene		330	10	10	333	407	U	0.407
Indeno (1,2,3-cd) pyrene		330	10	10	333	407	U	0.407
Dibenzo (a,h) anthracene		330	10	10	333	407	U	0.407
Benzo (g,h,i) perylene		330	10	10	333	407	U	0.407

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		52	52	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		69	69	30-115
2,4,6-Tribromophenol		68	68	19-122
Terphenyl-d14		60	60	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date	11/19/01
Lab Sample ID:	URS111701-07	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-143	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	89
Lab Data File Name:	SA04569	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	3726	U	3.7
Phenol		550	10	10	333	3726	U	3.7
2-Chlorophenol		550	10	10	333	3726	U	3.7
1,3-Dichlorobenzene		330	10	10	333	3726	U	3.7
1,4-Dichlorobenzene		330	10	10	333	3726	U	3.7
1,2-Dichlorobenzene		330	10	10	333	3726	U	3.7
Benzyl Alcohol		330	10	10	333	3726	U	3.7
bis (2-Chloroisopropyl) ether		330	10	10	333	3726	U	3.7
2-Methylphenol		550	10	10	333	3726	U	3.7
Hexachloroethane		330	10	10	333	3726	U	3.7
N-Nitroso-di-n-propylamine		330	10	10	333	3726	U	3.7
4-Methylphenol		550	10	10	333	3726	U	3.7
Nitrobenzene		330	10	10	333	3726	U	3.7
Isophorone		330	10	10	333	3726	U	3.7
2-Nitrophenol		550	10	10	333	3726	U	3.7
2,4-Dimethylphenol		550	10	10	333	3726	U	3.7
bis (2-Chloroethoxy) methane		330	10	10	333	3726	U	3.7
2,4-Dichlorophenol		550	10	10	333	3726	U	3.7
Benzoic Acid		330	10	10	333	3726	U	3.7
1,2,4-Trichlorobenzene		330	10	10	333	3726	U	3.7
Naphthalene		330	10	10	333	3726	U	3.7
4-Chloroaniline		330	10	10	333	3726	U	3.7
Hexachlorobutadiene		330	10	10	333	3726	U	3.7
4-Chloro-3-methylphenol		330	10	10	333	3726	U	3.7
2-Methylnaphthalene		330	10	10	333	3726	U	3.7
Hexachlorocyclopentadiene		330	10	10	333	3726	U	3.7
2,4,6-Trichlorophenol		550	10	10	333	3726	U	3.7
2,4,5-Trichlorophenol		550	10	10	333	3726	U	3.7
2-Chloronaphthalene		330	10	10	333	3726	U	3.7
2-Nitroaniline		330	10	10	333	3726	U	3.7
Acenaphthalene		330	10	10	333	3726	U	3.7
Dimethylphthalate		1500	10	10	333	3726	U	3.7
2,6-Dinitrotoluene		330	10	10	333	3726	U	3.7
3-Nitroaniline		330	10	10	333	3726	U	3.7
Acenaphthene		330	10	10	333	3726	U	3.7
2,4-Dinitrophenol		550	10	10	333	3726	U	3.7
Dibenzofuran		330	10	10	333	3726	U	3.7
2,4-Dinitrotoluene		330	10	10	333	3726	U	3.7
4-Nitrophenol		550	10	10	333	3726	U	3.7
Fluorene		550	10	10	333	3726	U	3.7
4-Chlorophenyl-phenyl ether		330	10	10	333	3726	U	3.7
Diethylphthalate		1500	10	10	333	3726	U	3.7
4-Nitroaniline		330	10	10	333	3726	U	3.7
4,6-Dinitro-2-methylphenol		550	10	10	333	3726	U	3.7
N-Nitrosodiphenylamine		330	10	10	333	3726	U	3.7
4-Bromophenyl-phenylether		330	10	10	333	3726	U	3.7
Hexachlorobenzene		330	10	10	333	3726	U	3.7
Pentachlorophenol		550	10	10	333	3726	U	3.7
Phenanthrene		330	10	10	333	3726	U	3.7
Anthracene		330	10	10	333	3726	U	3.7
Di-n-butylphthalate		1500	10	10	333	3726	U	3.7
Fluoranthene		330	10	10	333	3726	U	3.7
Pyrene		330	10	10	333	3726	U	3.7
Butylbenzylphthalate		1500	10	10	333	3726	U	3.7
3,3-Dichlorobenzidine		330	10	10	333	3726	U	3.7
Benzo (a) anthracene		330	10	10	333	3726	U	3.7
Chrysene		330	10	10	333	3726	U	3.7
bis (2-Ethylhexyl) phthalate		1500	10	10	333	3726	U	3.7
Di-n-octylphthalate		1500	10	10	333	3726	U	3.7
Benzo (b) fluoranthene		330	10	10	333	3726	U	3.7
Benzo (k) fluoranthene		330	10	10	333	3726	U	3.7
Benzo (a) pyrene		330	10	10	333	3726	U	3.7
Indeno (1,2,3-cd) pyrene		330	10	10	333	3726	U	3.7
Dibenzo (a,h) anthracene		330	10	10	333	3726	U	3.7
Benzo (g,h,i) perylene		330	10	10	333	3726	U	3.7

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	19	25-121
Phenol-d6		2	15	24-113
Nitrobenzene-d5		3	27	23-120
2-Fluorobiphenyl		3	34	30-115
2,4,6-Tribromophenol		4	39	19-122
Terphenyl-d14		4	36	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-08	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-111	Prep Method 2.	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	75.93
Lab Data File Name:	SA04570	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	439	U	0.44
Phenol		550	10	10	333	439	U	0.44
2-Chlorophenol		550	10	10	333	439	U	0.44
1,3-Dichlorobenzene		330	10	10	333	439	U	0.44
1,4-Dichlorobenzene		330	10	10	333	439	U	0.44
1,2-Dichlorobenzene		330	10	10	333	439	U	0.44
Benzyl Alcohol		330	10	10	333	439	U	0.44
bis (2-Chloroisopropyl) ether		330	10	10	333	439	U	0.44
2-Methylphenol		550	10	10	333	439	U	0.44
Hexachloroethane		330	10	10	333	439	U	0.44
N-Nitroso-di-n-propylamine		330	10	10	333	439	U	0.44
4-Methylphenol		550	10	10	333	439	U	0.44
Nitrobenzene		330	10	10	333	439	U	0.44
Isophorone		330	10	10	333	439	U	0.44
2-Nitrophenol		550	10	10	333	439	U	0.44
2,4-Dimethylphenol		550	10	10	333	439	U	0.44
bis (2-Chloroethoxy) methane		330	10	10	333	439	U	0.44
2,4-Dichlorophenol		550	10	10	333	439	U	0.44
Benzoic Acid		330	10	10	333	439	U	0.44
1,2,4-Trichlorobenzene		330	10	10	333	439	U	0.44
Naphthalene		330	10	10	333	439	U	0.44
4-Chloroaniline		330	10	10	333	439	U	0.44
Hexachlorobutadiene		330	10	10	333	439	U	0.44
4-Chloro-3-methylphenol		330	10	10	333	439	U	0.44
2-Methylnaphthalene		330	10	10	333	439	U	0.44
Hexachlorocyclopentadiene		330	10	10	333	439	U	0.44
2,4,6-Trichlorophenol		550	10	10	333	439	U	0.44
2,4,5-Trichlorophenol		550	10	10	333	439	U	0.44
2-Chloronaphthalene		330	10	10	333	439	U	0.44
2-Nitroaniline		330	10	10	333	439	U	0.44
Acenaphthalene		330	10	10	333	439	U	0.44
Dimethylphthalate		1500	10	10	333	439	U	0.44
2,6-Dinitrotoluene		330	10	10	333	439	U	0.44
3-Nitroaniline		330	10	10	333	439	U	0.44
Acenaphthene		330	10	10	333	439	U	0.44
2,4-Dinitrophenol		550	10	10	333	439	U	0.44
Dibenzofuran		330	10	10	333	439	U	0.44
2,4-Dinitrotoluene		330	10	10	333	439	U	0.44
4-Nitrophenol		550	10	10	333	439	U	0.44
Fluorene		550	10	10	333	439	U	0.44
4-Chlorophenyl-phenyl ether		330	10	10	333	439	U	0.44
Diethylphthalate		1500	10	10	333	439	U	0.44
4-Nitroaniline		330	10	10	333	439	U	0.44
4,6-Dinitro-2-methylphenol		550	10	10	333	439	U	0.44
N-Nitrosodiphenylamine		330	10	10	333	439	U	0.44
4-Bromophenyl-phenylether		330	10	10	333	439	U	0.44
Hexachlorobenzene		330	10	10	333	439	U	0.44
Pentachlorophenol		550	10	10	333	439	U	0.44
Phenanthrene		330	10	10	333	439	U	0.44
Anthracene		330	10	10	333	439	U	0.44
Di-n-butylphthalate		1500	10	10	333	439	U	0.44
Fluoranthene		330	10	10	333	439	U	0.44
Pyrene		330	10	10	333	439	U	0.44
Butylbenzylphthalate		1500	10	10	333	439	U	0.44
3,3-Dichlorobenzidine		330	10	10	333	439	U	0.44
Benzo (a) anthracene		330	10	10	333	439	U	0.44
Chrysene		330	10	10	333	439	U	0.44
bis (2-Ethylhexyl) phthalate		1500	10	10	333	439	U	0.44
Di-n-octylphthalate		1500	10	10	333	439	U	0.44
Benzo (b) fluoranthene		330	10	10	333	439	U	0.44
Benzo (k) fluoranthene		330	10	10	333	439	U	0.44
Benzo (a) pyrene		330	10	10	333	439	U	0.44
Indeno (1,2,3-cd) pyrene		330	10	10	333	439	U	0.44
Dibenzo (a,h) anthracene		330	10	10	333	439	U	0.44
Benzo (g,h,i) perylene		330	10	10	333	439	U	0.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		22	22	25-121
Phenol-d6		26	26	24-113
Nitrobenzene-d5		33	33	23-120
2-Fluorobiphenyl		47	47	30-115
2,4,6-Tribromophenol		68	68	19-122
Terphenyl-d14		65	65	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-09	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-149	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	85.53
Lab Data File Name:	SA04571	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	389.7	U	0.390
Phenol		550	10	10.0	333.3	389.7	U	0.390
2-Chlorophenol		550	10	10.0	333.3	389.7	U	0.390
1,3-Dichlorobenzene		330	10	10.0	333.3	389.7	U	0.390
1,4-Dichlorobenzene		330	10	10.0	333.3	389.7	U	0.390
1,2-Dichlorobenzene		330	10	10.0	333.3	389.7	U	0.390
Benzyl Alcohol		330	10	10.0	333.3	389.7	U	0.390
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	389.7	U	0.390
2-Methylphenol		550	10	10.0	333.3	389.7	U	0.390
Hexachloroethane		330	10	10.0	333.3	389.7	U	0.390
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	389.7	U	0.390
4-Methylphenol		550	10	10.0	333.3	389.7	U	0.390
Nitrobenzene		330	10	10.0	333.3	389.7	U	0.390
Isophorone		330	10	10.0	333.3	389.7	U	0.390
2-Nitrophenol		550	10	10.0	333.3	389.7	U	0.390
2,4-Dimethylphenol		550	10	10.0	333.3	389.7	U	0.390
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	389.7	U	0.390
2,4-Dichlorophenol		550	10	10.0	333.3	389.7		0.390
Benzoic Acid		330	10	10.0	333.3	389.7	U	0.390
1,2,4-Trichlorobenzene		330	10	10.0	333.3	389.7	U	0.390
Naphthalene		**330**	**11**	**11.3**	**375.7**	**439.2**		**0.439**
4-Chloroaniline		330	10	10.0	333.3	389.7	U	0.390
Hexachlorobutadiene		330	10	10.0	333.3	389.7	U	0.390
4-Chloro-3-methylphenol		330	10	10.0	333.3	389.7	U	0.390
2-Methylnaphthalene		330	10	10.0	333.3	389.7	U	0.390
Hexachlorocyclopentadiene		330	10	10.0	333.3	389.7	U	0.390
2,4,6-Trichlorophenol		550	10	10.0	333.3	389.7	U	0.390
2,4,5-Trichlorophenol		550	10	10.0	333.3	389.7	U	0.390
2-Chloronaphthalene		330	10	10.0	333.3	389.7	U	0.390
2-Nitroaniline		330	10	10.0	333.3	389.7	U	0.390
Acenaphthalene		330	10	10.0	333.3	389.7	U	0.390
Dimethylphthalate		1500	10	10.0	333.3	389.7	U	0.390
2,6-Dinitrotoluene		330	10	10.0	333.3	389.7	U	0.390
3-Nitroaniline		330	10	10.0	333.3	389.7	U	0.390
Acenaphthene		**330**	**6**	**6.1**	**203.3**	**237.7**	**J**	**0.238**
2,4-Dinitrophenol		550	10	10.0	333.3	389.7	U	0.390
Dibenzofuran		330	10	10.0	333.3	389.7	U	0.390
2,4-Dinitrotoluene		330	10	10.0	333.3	389.7	U	0.390
4-Nitrophenol		550	10	10.0	333.3	389.7	U	0.390
Fluorene		**550**	**6**	**5.6**	**187.7**	**219.4**	**J**	**0.219**
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	389.7	U	0.390
Diethylphthalate		1500	10	10.0	333.3	389.7	U	0.390
4-Nitroaniline		330	10	10.0	333.3	389.7	U	0.390
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	389.7	U	0.390
N-Nitrosodiphenylamine		330	10	10.0	333.3	389.7	U	0.390
4-Bromophenyl-phenylether		330	10	10.0	333.3	389.7	U	0.390
Hexachlorobenzene		330	10	10.0	333.3	389.7	U	0.390
Pentachlorophenol		550	10	10.0	333.3	389.7	U	0.390
Phenanthrene		**330**	**115**	**115.2**	**3841.0**	**4490.8**		**4.491**
Anthracene		**330**	**25**	**24.9**	**829.3**	**969.6**		**0.970**
Di-n-butylphthalate		1500	10	10.0	333.3	389.7	U	0.390
Fluoranthene		**330**	**103**	**102.5**	**3417.0**	**3995.1**		**3.995**
Pyrene		**330**	**105**	**104.9**	**3496.0**	**4087.5**		**4.087**
Butylbenzylphthalate		1500	10	10.0	333.3	389.7	U	0.390
3,3-Dichlorobenzidine		330	10	10.0	333.3	389.7	U	0.390
Benzo (a) anthracene		**330**	**9**	**9.2**	**307.3**	**359.3**	**J**	**0.359**
Chrysene		**330**	**12**	**11.6**	**385.0**	**450.1**		**0.450**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	389.7	U	0.390
Di-n-octylphthalate		1500	10	10.0	333.3	389.7	U	0.390
Benzo (b) fluoranthene		**330**	**41**	**40.8**	**1359.0**	**1588.9**		**1.589**
Benzo (k) fluoranthene		**330**	**21**	**21.4**	**711.7**	**832.1**		**0.832**
Benzo (a) pyrene		**330**	**31**	**30.8**	**1027.3**	**1201.1**		**1.201**
Indeno (1,2,3-cd) pyrene		**330**	**26**	**26.1**	**870.0**	**1017.2**		**1.017**
Dibenzo (a,h) anthracene		**330**	**5**	**5.0**	**166.7**	**194.9**	**J**	**0.195**
Benzo (g,h,i) perylene		**330**	**27**	**27.4**	**914.3**	**1069.0**		**1.069**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		33	33	24-113
Nitrobenzene-d5		46	46	23-120
2-Fluorobiphenyl		52	52	30-115
2,4,6-Tribromophenol		43	43	19-122
Terphenyl-d14		54	54	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fall outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-130	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	98.29
Lab Data File Name:	SA04572	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333.3	339.1	U	0.339
Phenol		550	10	10.0	333.3	339.1	U	0.339
2-Chlorophenol		550	10	10.0	333.3	339.1	U	0.339
1,3-Dichlorobenzene		330	10	10.0	333.3	339.1	U	0.339
1,4-Dichlorobenzene		330	10	10.0	333.3	339.1	U	0.339
1,2-Dichlorobenzene		330	10	10.0	333.3	339.1	U	0.339
Benzyl Alcohol		330	10	10.0	333.3	339.1	U	0.339
bis (2-Chloroisopropyl) ether		330	10	10.0	333.3	339.1	U	0.339
2-Methylphenol		550	10	10.0	333.3	339.1	U	0.339
Hexachloroethane		330	10	10.0	333.3	339.1	U	0.339
N-Nitroso-di-n-propylamine		330	10	10.0	333.3	339.1	U	0.339
4-Methylphenol		550	10	10.0	333.3	339.1	U	0.339
Nitrobenzene		330	10	10.0	333.3	339.1	U	0.339
Isophorone		330	10	10.0	333.3	339.1	U	0.339
2-Nitrophenol		550	10	10.0	333.3	339.1	U	0.339
2,4-Dimethylphenol		550	10	10.0	333.3	339.1	U	0.339
bis (2-Chloroethoxy) methane		330	10	10.0	333.3	339.1	U	0.339
2,4-Dichlorophenol		550	10	10.0	333.3	339.1		0.339
Benzoic Acid		330	10	10.0	333.3	339.1	U	0.339
1,2,4-Trichlorobenzene		330	10	10.0	333.3	339.1	U	0.339
Naphthalene		330	10	10.0	333.3	339.1	U	0.339
4-Chloroaniline		330	10	10.0	333.3	339.1	U	0.339
Hexachlorobutadiene		330	10	10.0	333.3	339.1	U	0.339
4-Chloro-3-methylphenol		330	10	10.0	333.3	339.1	U	0.339
2-Methylnaphthalene		330	10	10.0	333.3	339.1	U	0.339
Hexachlorocyclopentadiene		330	10	10.0	333.3	339.1	U	0.339
2,4,6-Trichlorophenol		550	10	10.0	333.3	339.1	U	0.339
2,4,5-Trichlorophenol		550	10	10.0	333.3	339.1	U	0.339
2-Chloronaphthalene		330	10	10.0	333.3	339.1	U	0.339
2-Nitroaniline		330	10	10.0	333.3	339.1	U	0.339
Acenaphthalene		330	10	10.0	333.3	339.1	U	0.339
Dimethylphthalate		1500	10	10.0	333.3	339.1	U	0.339
2,6-Dinitrotoluene		330	10	10.0	333.3	339.1	U	0.339
3-Nitroaniline		330	10	10.0	333.3	339.1	U	0.339
Acenaphthene		330	10	10.0	333.3	339.1	U	0.339
2,4-Dinitrophenol		550	10	10.0	333.3	339.1	U	0.339
Dibenzofuran		330	10	10.0	333.3	339.1	U	0.339
2,4-Dinitrotoluene		330	10	10.0	333.3	339.1	U	0.339
4-Nitrophenol		550	10	10.0	333.3	339.1	U	0.339
Fluorene		550	10	10.0	333.3	339.1	U	0.339
4-Chlorophenyl-phenyl ether		330	10	10.0	333.3	339.1	U	0.339
Diethylphthalate		1500	10	10.0	333.3	339.1	U	0.339
4-Nitroaniline		330	10	10.0	333.3	339.1	U	0.339
4,6-Dinitro-2-methylphenol		550	10	10.0	333.3	339.1	U	0.339
N-Nitrosodiphenylamine		330	10	10.0	333.3	339.1	U	0.339
4-Bromophenyl-phenylether		330	10	10.0	333.3	339.1	U	0.339
Hexachlorobenzene		330	10	10.0	333.3	339.1	U	0.339
Pentachlorophenol		550	10	10.0	333.3	339.1	U	0.339
Phenanthrene		330	10	10.0	333.3	339.1	U	0.339
Anthracene		330	10	10.0	333.3	339.1	U	0.339
Di-n-butylphthalate		1500	10	10.0	333.3	339.1	U	0.339
Fluoranthene		330	10	10.0	333.3	339.1	U	0.339
Pyrene		330	10	10.0	333.3	339.1	U	0.339
Butylbenzylphthalate		1500	10	10.0	333.3	339.1	U	0.339
3,3-Dichlorobenzidine		330	10	10.0	333.3	339.1	U	0.339
Benzo (a) anthracene		330	10	10.0	333.3	339.1	U	0.339
Chrysene		330	10	10.0	333.3	339.1	U	0.339
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333.3	339.1	U	0.339
Di-n-octylphthalate		1500	10	10.0	333.3	339.1	U	0.339
Benzo (b) fluoranthene		330	10	10.0	333.3	339.1	U	0.339
Benzo (k) fluoranthene		330	10	10.0	333.3	339.1	U	0.339
Benzo (a) pyrene		330	10	10.0	333.3	339.1	U	0.339
Indeno (1,2,3-cd) pyrene		330	10	10.0	333.3	339.1	U	0.339
Dibenzo (a,h) anthracene		330	10	10.0	333.3	339.1	U	0.339
Benzo (g,h,i) perylene		330	10	10.0	333.3	339.1	U	0.339

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		50	50	25-121
Phenol-d6		48	48	24-113
Nitrobenzene-d5		57	57	23-120
2-Fluorobiphenyl		67	67	30-115
2,4,6-Tribromophenol		66	66	19-122
Terphenyl-d14		69	69	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-11	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-128	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	85.79
Lab Data File Name:	SA04573	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	389	U	0.39
Phenol		550	10	10	333	389	U	0.39
2-Chlorophenol		550	10	10	333	389	U	0.39
1,3-Dichlorobenzene		330	10	10	333	389	U	0.39
1,4-Dichlorobenzene		330	10	10	333	389	U	0.39
1,2-Dichlorobenzene		330	10	10	333	389	U	0.39
Benzyl Alcohol		330	10	10	333	389	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	389	U	0.39
2-Methylphenol		550	10	10	333	389	U	0.39
Hexachloroethane		330	10	10	333	389	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	389	U	0.39
4-Methylphenol		550	10	10	333	389	U	0.39
Nitrobenzene		330	10	10	333	389	U	0.39
Isophorone		330	10	10	333	389	U	0.39
2-Nitrophenol		550	10	10	333	389	U	0.39
2,4-Dimethylphenol		550	10	10	333	389	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	389	U	0.39
2,4-Dichlorophenol		550	10	10	333	389		0.39
Benzoic Acid		330	10	10	333	389	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	389	U	0.39
Naphthalene		330	10	10	333	389	U	0.39
4-Chloroaniline		330	10	10	333	389	U	0.39
Hexachlorobutadiene		330	10	10	333	389	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	389	U	0.39
2-Methylnaphthalene		330	10	10	333	389	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	389	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	389	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	389	U	0.39
2-Chloronaphthalene		330	10	10	333	389	U	0.39
2-Nitroaniline		330	10	10	333	389	U	0.39
Acenaphthalene		330	10	10	333	389	U	0.39
Dimethylphthalate		1500	10	10	333	389	U	0.39
2,6-Dinitrotoluene		330	10	10	333	389	U	0.39
3-Nitroaniline		330	10	10	333	389	U	0.39
Acenaphthene		330	10	10	333	389	U	0.39
2,4-Dinitrophenol		550	10	10	333	389	U	0.39
Dibenzofuran		330	10	10	333	389	U	0.39
2,4-Dinitrotoluene		330	10	10	333	389	U	0.39
4-Nitrophenol		550	10	10	333	389	U	0.39
Fluorene		550	10	10	333	389	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	389	U	0.39
Diethylphthalate		1500	10	10	333	389	U	0.39
4-Nitroaniline		330	10	10	333	389	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	389	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	389	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	389	U	0.39
Hexachlorobenzene		330	10	10	333	389	U	0.39
Pentachlorophenol		550	10	10	333	389	U	0.39
Phenanthrene		330	10	10	333	389	U	0.39
Anthracene		330	10	10	333	389	U	0.39
Di-n-butylphthalate		1500	10	10	333	389	U	0.39
Fluoranthene		330	10	10	333	389	U	0.39
Pyrene		330	10	10	333	389	U	0.39
Butylbenzylphthalate		1500	10	10	333	389	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	389	U	0.39
Benzo (a) anthracene		330	10	10	333	389	U	0.39
Chrysene		330	10	10	333	389	U	0.39
bis (2-Ethylhexyl) phthalate		1500	42	42	1414	1648	U	1.65
Di-n-octylphthalate		1500	10	10	333	389	U	0.39
Benzo (b) fluoranthene		330	10	10	333	389	U	0.39
Benzo (k) fluoranthene		330	10	10	333	389	U	0.39
Benzo (a) pyrene		330	10	10	333	389	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	389	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	389	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	389	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		53	53	25-121
Phenol-d6		48	48	24-113
Nitrobenzene-d5		65	65	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		78	78	19-122
Terphenyl-d14		76	76	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract.		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-12	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-122	Prep Method 2:	
Date Sample Collected	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS009	Percent Solids:	84.4
Lab Data File Name:	SA04574	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	395	U	0.39
Phenol		550	10	10	333	395	U	0.39
2-Chlorophenol		550	10	10	333	395	U	0.39
1,3-Dichlorobenzene		330	10	10	333	395	U	0.39
1,4-Dichlorobenzene		330	10	10	333	395	U	0.39
1,2-Dichlorobenzene		330	10	10	333	395	U	0.39
Benzyl Alcohol		330	10	10	333	395	U	0.39
bis (2-Chloroisopropyl) ether		330	10	10	333	395	U	0.39
2-Methylphenol		550	10	10	333	395	U	0.39
Hexachloroethane		330	10	10	333	395	U	0.39
N-Nitroso-di-n-propylamine		330	10	10	333	395	U	0.39
4-Methylphenol		550	10	10	333	395	U	0.39
Nitrobenzene		330	10	10	333	395	U	0.39
Isophorone		330	10	10	333	395	U	0.39
2-Nitrophenol		550	10	10	333	395	U	0.39
2,4-Dimethylphenol		550	10	10	333	395	U	0.39
bis (2-Chloroethoxy) methane		330	10	10	333	395	U	0.39
2,4-Dichlorophenol		550	10	10	333	395	U	0.39
Benzoic Acid		330	10	10	333	395	U	0.39
1,2,4-Trichlorobenzene		330	10	10	333	395	U	0.39
Naphthalene		330	10	10	333	395	U	0.39
4-Chloroaniline		330	10	10	333	395	U	0.39
Hexachlorobutadiene		330	10	10	333	395	U	0.39
4-Chloro-3-methylphenol		330	10	10	333	395	U	0.39
2-Methylnaphthalene		330	10	10	333	395	U	0.39
Hexachlorocyclopentadiene		330	10	10	333	395	U	0.39
2,4,6-Trichlorophenol		550	10	10	333	395	U	0.39
2,4,5-Trichlorophenol		550	10	10	333	395	U	0.39
2-Chloronaphthalene		330	10	10	333	395	U	0.39
2-Nitroaniline		330	10	10	333	395	U	0.39
Acenaphthalene		330	10	10	333	395	U	0.39
Dimethylphthalate		1500	10	10	333	395	U	0.39
2,6-Dinitrotoluene		330	10	10	333	395	U	0.39
3-Nitroanliine		330	10	10	333	395	U	0.39
Acenaphthene		330	10	10	333	395	U	0.39
2,4-Dinitrophenol		550	10	10	333	395	U	0.39
Dibenzofuran		330	10	10	333	395	U	0.39
2,4-Dinitrotoluene		330	10	10	333	395	U	0.39
4-Nitrophenol		550	10	10	333	395	U	0.39
Fluorene		550	10	10	333	395	U	0.39
4-Chlorophenyl-phenyl ether		330	10	10	333	395	U	0.39
Diethylphthalate		1500	10	10	333	395	U	0.39
4-Nitroanliline		330	10	10	333	395	U	0.39
4,6-Dinitro-2-methylphenol		550	10	10	333	395	U	0.39
N-Nitrosodiphenylamine		330	10	10	333	395	U	0.39
4-Bromophenyl-phenylether		330	10	10	333	395	U	0.39
Hexachlorobenzene		330	10	10	333	395	U	0.39
Pentachlorophenol		550	10	10	333	395	U	0.39
Phenanthrene		330	10	10	333	395	U	0.39
Anthracene		330	10	10	333	395	U	0.39
Di-n-butylphthalate		1500	10	10	333	395	U	0.39
Fluoranthene		330	10	10	333	395	U	0.39
Pyrene		330	10	10	333	395	U	0.39
Butylbenzylphthalate		1500	10	10	333	395	U	0.39
3,3-Dichlorobenzidine		330	10	10	333	395	U	0.39
Benzo (a) anthracene		330	10	10	333	395	U	0.39
Chrysene		330	10	10	333	395	U	0.39
bis (2-Ethylhexyl) phthalate		1500	10	10	333	395	U	0.39
Di-n-octylphthalate		1500	10	10	333	395	U	0.39
Benzo (b) fluoranthene		330	10	10	333	395	U	0.39
Benzo (k) fluoranthene		330	10	10	333	395	U	0.39
Benzo (a) pyrene		330	10	10	333	395	U	0.39
Indeno (1,2,3-cd) pyrene		330	10	10	333	395	U	0.39
Dibenzo (a,h) anthracene		330	10	10	333	395	U	0.39
Benzo (g,h,i) perylene		330	10	10	333	395	U	0.39

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		47	47	25-121
Phenol-d6		43	43	24-113
Nitrobenzene-d5		58	58	23-120
2-Fluorobiphenyl		68	68	30-115
2,4,6-Tribromophenol		75	75	19-122
Terphenyl-d14		84	84	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111701	Lab Prep Date	11/19/01
Lab Sample ID:	URS111701-13	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-114	Prep Method 2.	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount.	
Prep Batch Number:	QCS009	Percent Solids:	88 16
Lab Data File Name:	SA04575	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	378	U	0.38
Phenol		550	10	10	333	378	U	0.38
2-Chlorophenol		550	10	10	333	378	U	0.38
1,3-Dichlorobenzene		330	10	10	333	378	U	0.38
1,4-Dichlorobenzene		330	10	10	333	378	U	0.38
1,2-Dichlorobenzene		330	10	10	333	378	U	0.38
Benzyl Alcohol		330	10	10	333	378	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	378	U	0.38
2-Methylphenol		550	10	10	333	378	U	0.38
Hexachloroethane		330	10	10	333	378	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	378	U	0.38
4-Methylphenol		550	10	10	333	378	U	0.38
Nitrobenzene		330	10	10	333	378	U	0.38
Isophorone		330	10	10	333	378	U	0.38
2-Nitrophenol		550	10	10	333	378	U	0.38
2,4-Dimethylphenol		550	10	10	333	378	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	378	U	0.38
2,4-Dichlorophenol		550	10	10	333	378	U	0.38
Benzoic Acid		330	10	10	333	378	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	378	U	0.38
Naphthalene		330	10	10	333	378	U	0.38
4-Chloroaniline		330	10	10	333	378	U	0.38
Hexachlorobutadiene		330	10	10	333	378	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	378	U	0.38
2-Methylnaphthalene		330	10	10	333	378	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	378	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	378	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	378	U	0.38
2-Chloronaphthalene		330	10	10	333	378	U	0.38
2-Nitroaniline		330	10	10	333	378	U	0.38
Acenaphthalene		330	10	10	333	378	U	0.38
Dimethylphthalate		1500	10	10	333	378	U	0.38
2,6-Dinitrotoluene		330	10	10	333	378	U	0.38
3-Nitroaniline		330	10	10	333	378	U	0.38
Acenaphthene		330	10	10	333	378	U	0.38
2,4-Dinitrophenol		550	10	10	333	378	U	0.38
Dibenzofuran		330	10	10	333	378	U	0.38
2,4-Dinitrotoluene		330	10	10	333	378	U	0.38
4-Nitrophenol		550	10	10	333	378	U	0.38
Fluorene		550	10	10	333	378	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	378	U	0.38
Diethylphthalate		1500	10	10	333	378	U	0.38
4-Nitroaniline		330	10	10	333	378	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	378	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	378	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	378	U	0.38
Hexachlorobenzene		330	10	10	333	378	U	0.38
Pentachlorophenol		550	10	10	333	378	U	0.38
Phenanthrene		330	10	10	333	378	U	0.38
Anthracene		330	10	10	333	378	U	0.38
Di-n-butylphthalate		1500	10	10	333	378	U	0.38
Fluoranthene		330	10	10	333	378	U	0.38
Pyrene		330	10	10	333	378	U	0.38
Butylbenzylphthalate		1500	10	10	333	378	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	378	U	0.38
Benzo (a) anthracene		330	10	10	333	378	U	0.38
Chrysene		330	10	10	333	378	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	378	U	0.38
Di-n-octylphthalate		1500	10	10	333	378	U	0.38
Benzo (b) fluoranthene		330	10	10	333	378	U	0.38
Benzo (k) fluoranthene		330	10	10	333	378	U	0.38
Benzo (a) pyrene		330	10	10	333	378	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	378	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	378	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	378	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		47	47	25-121
Phenol-d6		42	42	24-113
Nitrobenzene-d5		56	56	23-120
2-Fluorobiphenyl		65	65	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		101	101	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-14	Prep Method 1	SW3050
Field Sample ID:	GCMS-Q-121	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	78.17
Lab Data File Name:	SA04576	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	426	U	0.43
Phenol		550	10	10	333	426	U	0.43
2-Chlorophenol		550	10	10	333	426	U	0.43
1,3-Dichlorobenzene		330	10	10	333	426	U	0.43
1,4-Dichlorobenzene		330	10	10	333	426	U	0.43
1,2-Dichlorobenzene		330	10	10	333	426	U	0.43
Benzyl Alcohol		330	10	10	333	426	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	426	U	0.43
2-Methylphenol		550	10	10	333	426	U	0.43
Hexachloroethane		330	10	10	333	426	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	426	U	0.43
4-Methylphenol		550	10	10	333	426	U	0.43
Nitrobenzene		330	10	10	333	426	U	0.43
Isophorone		330	10	10	333	426	U	0.43
2-Nitrophenol		550	10	10	333	426	U	0.43
2,4-Dimethylphenol		550	10	10	333	426	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	426	U	0.43
2,4-Dichlorophenol		550	10	10	333	426		0.43
Benzoic Acid		330	10	10	333	426	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	426	U	0.43
Naphthalene		330	10	10	333	426	U	0.43
4-Chloroaniline		330	10	10	333	426	U	0.43
Hexachlorobutadiene		330	10	10	333	426	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	426	U	0.43
2-Methylnaphthalene		330	10	10	333	426	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	426	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	426	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	426	U	0.43
2-Chloronaphthalene		330	10	10	333	426	U	0.43
2-Nitroaniline		330	10	10	333	426	U	0.43
Acenaphthalene		330	10	10	333	426	U	0.43
Dimethylphthalate		1500	10	10	333	426	U	0.43
2,6-Dinitrotoluene		330	10	10	333	426	U	0.43
3-Nitroaniline		330	10	10	333	426	U	0.43
Acenaphthene		330	10	10	333	426	U	0.43
2,4-Dinitrophenol		550	10	10	333	426	U	0.43
Dibenzofuran		330	10	10	333	426	U	0.43
2,4-Dinitrotoluene		330	10	10	333	426	U	0.43
4-Nitrophenol		550	10	10	333	426	U	0.43
Fluorene		550	10	10	333	426	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	426	U	0.43
Diethylphthalate		1500	10	10	333	426	U	0.43
4-Nitroaniline		330	10	10	333	426	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	426	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	426	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	426	U	0.43
Hexachlorobenzene		330	10	10	333	426	U	0.43
Pentachlorophenol		550	10	10	333	426	U	0.43
Phenanthrene		330	10	10	333	426	U	0.43
Anthracene		330	10	10	333	426	U	0.43
Di-n-butylphthalate		1500	10	10	333	426	U	0.43
Fluoranthene		**330**	**6**	**6**	**188**	**241**	**J**	**0.24**
Pyrene		330	10	10	333	426	U	0.43
Butylbenzylphthalate		1500	10	10	333	426	U	0.43
3,3-Dichlorobenzidine		330	10	10	333	426	U	0.43
Benzo (a) anthracene		330	10	10	333	426	U	0.43
Chrysene		330	10	10	333	426	U	0.43
bis (2-Ethylhexyl) phthalate		1500	10	10	333	426	U	0.43
Di-n-octylphthalate		1500	10	10	333	426	U	0.43
Benzo (b) fluoranthene		330	10	10	333	426	U	0.43
Benzo (k) fluoranthene		330	10	10	333	426	U	0.43
Benzo (a) pyrene		330	10	10	333	426	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10	333	426	U	0.43
Dibenzo (a,h) anthracene		330	10	10	333	426	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	426	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		51	51	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		66	66	30-115
2,4,6-Tribromophenol		66	66	19-122
Terphenyl-d14		66	66	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount	30
Lab Delivery Group:	URS111701	Lab Prep Date	11/19/01
Lab Sample ID:	URS111701-15	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-120	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	76.72
Lab Data File Name:	SA04577	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	434	U	0.43
Phenol		550	10	10	333	434	U	0.43
2-Chlorophenol		550	10	10	333	434	U	0.43
1,3-Dichlorobenzene		330	10	10	333	434	U	0.43
1,4-Dichlorobenzene		330	10	10	333	434	U	0.43
1,2-Dichlorobenzene		330	10	10	333	434	U	0.43
Benzyl Alcohol		330	10	10	333	434	U	0.43
bis (2-Chloroisopropyl) ether		330	10	10	333	434	U	0.43
2-Methylphenol		550	10	10	333	434	U	0.43
Hexachloroethane		330	10	10	333	434	U	0.43
N-Nitroso-di-n-propylamine		330	10	10	333	434	U	0.43
4-Methylphenol		550	10	10	333	434	U	0.43
Nitrobenzene		330	10	10	333	434	U	0.43
Isophorone		330	10	10	333	434	U	0.43
2-Nitrophenol		550	10	10	333	434	U	0.43
2,4-Dimethylphenol		550	10	10	333	434	U	0.43
bis (2-Chloroethoxy) methane		330	10	10	333	434	U	0.43
2,4-Dichlorophenol		550	10	10	333	434	U	0.43
Benzoic Acid		330	10	10	333	434	U	0.43
1,2,4-Trichlorobenzene		330	10	10	333	434	U	0.43
Naphthalene		330	10	10	333	434	U	0.43
4-Chloroaniline		330	10	10	333	434	U	0.43
Hexachlorobutadiene		330	10	10	333	434	U	0.43
4-Chloro-3-methylphenol		330	10	10	333	434	U	0.43
2-Methylnaphthalene		330	10	10	333	434	U	0.43
Hexachlorocyclopentadiene		330	10	10	333	434	U	0.43
2,4,6-Trichlorophenol		550	10	10	333	434	U	0.43
2,4,5-Trichlorophenol		550	10	10	333	434	U	0.43
2-Chloronaphthalene		330	10	10	333	434	U	0.43
2-Nitroaniline		330	10	10	333	434	U	0.43
Acenaphthalene		330	10	10	333	434	U	0.43
Dimethylphthalate		1500	10	10	333	434	U	0.43
2,6-Dinitrotoluene		330	10	10	333	434	U	0.43
3-Nitroaniline		330	10	10	333	434	U	0.43
Acenaphthene		330	10	10	333	434	U	0.43
2,4-Dinitrophenol		550	10	10	333	434	U	0.43
Dibenzofuran		330	10	10	333	434	U	0.43
2,4-Dinitrotoluene		330	10	10	333	434	U	0.43
4-Nitrophenol		550	10	10	333	434	U	0.43
Fluorene		550	10	10	333	434	U	0.43
4-Chlorophenyl-phenyl ether		330	10	10	333	434	U	0.43
Diethylphthalate		1500	10	10	333	434	U	0.43
4-Nitroaniline		330	10	10	333	434	U	0.43
4,6-Dinitro-2-methylphenol		550	10	10	333	434	U	0.43
N-Nitrosodiphenylamine		330	10	10	333	434	U	0.43
4-Bromophenyl-phenylether		330	10	10	333	434	U	0.43
Hexachlorobenzene		330	10	10	333	434	U	0.43
Pentachlorophenol		550	10	10	333	434	U	0.43
Phenanthrene		330	10	10	333	434	U	0.43
Anthracene		330	10	10	333	434	U	0.43
Di-n-butylphthalate		1500	10	10	333	434	U	0.43
Fluoranthene		330	10	10	333	434	U	0.43
Pyrene		330	10	10	333	434	U	0.43
Butylbenzylphthalate		1500	10	10	333	434	U	0.43
3,3-Dichlorobenzidine		330	10	10	333	434	U	0.43
Benzo (a) anthracene		330	10	10	333	434	U	0.43
Chrysene		330	10	10	333	434	U	0.43
bis (2-Ethylhexyl) phthalate		1500	42	42	1414	1843	U	1.84
Di-n-octylphthalate		1500	10	10	333	434	U	0.43
Benzo (b) fluoranthene		330	10	10	333	434	U	0.43
Benzo (k) fluoranthene		330	10	10	333	434	U	0.43
Benzo (a) pyrene		330	10	10	333	434	U	0.43
Indeno (1,2,3-cd) pyrene		330	10	10	333	434	U	0.43
Dibenzo (a,h) anthracene		330	10	10	333	434	U	0.43
Benzo (g,h,i) perylene		330	10	10	333	434	U	0.43

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		54	54	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		63	63	23-120
2-Fluorobiphenyl		71	71	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		76	76	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-16	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-112	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids	81.83
Lab Data File Name:	SA04578	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	407	U	0.41
Phenol		550	10	10	333	407	U	0.41
2-Chlorophenol		550	10	10	333	407	U	0.41
1,3-Dichlorobenzene		330	10	10	333	407	U	0.41
1,4-Dichlorobenzene		330	10	10	333	407	U	0.41
1,2-Dichlorobenzene		330	10	10	333	407	U	0.41
Benzyl Alcohol		330	10	10	333	407	U	0.41
bis (2-Chloroisopropyl) ether		330	10	10	333	407	U	0.41
2-Methylphenol		550	10	10	333	407	U	0.41
Hexachloroethane		330	10	10	333	407	U	0.41
N-Nitroso-di-n-propylamine		330	10	10	333	407	U	0.41
4-Methylphenol		550	10	10	333	407	U	0.41
Nitrobenzene		330	10	10	333	407	U	0.41
Isophorone		330	10	10	333	407	U	0.41
2-Nitrophenol		550	10	10	333	407	U	0.41
2,4-Dimethylphenol		550	10	10	333	407	U	0.41
bis (2-Chloroethoxy) methane		330	10	10	333	407	U	0.41
2,4-Dichlorophenol		550	10	10	333	407	U	0.41
Benzoic Acid		330	10	10	333	407	U	0.41
1,2,4-Trichlorobenzene		330	10	10	333	407	U	0.41
Naphthalene		330	10	10	333	407	U	0.41
4-Chloroaniline		330	10	10	333	407	U	0.41
Hexachlorobutadiene		330	10	10	333	407	U	0.41
4-Chloro-3-methylphenol		330	10	10	333	407	U	0.41
2-Methylnaphthalene		330	10	10	333	407	U	0.41
Hexachlorocyclopentadiene		330	10	10	333	407	U	0.41
2,4,6-Trichlorophenol		550	10	10	333	407	U	0.41
2,4,5-Trichlorophenol		550	10	10	333	407	U	0.41
2-Chloronaphthalene		330	10	10	333	407	U	0.41
2-Nitroaniline		330	10	10	333	407	U	0.41
Acenaphthalene		330	10	10	333	407	U	0.41
Dimethylphthalate		1500	10	10	333	407	U	0.41
2,6-Dinitrotoluene		330	10	10	333	407	U	0.41
3-Nitroaniline		330	10	10	333	407	U	0.41
Acenaphthene		330	10	10	333	407	U	0.41
2,4-Dinitrophenol		550	10	10	333	407	U	0.41
Dibenzofuran		330	10	10	333	407	U	0.41
2,4-Dinitrotoluene		330	10	10	333	407	U	0.41
4-Nitrophenol		550	10	10	333	407	U	0.41
Fluorene		550	10	10	333	407	U	0.41
4-Chlorophenyl-phenyl ether		330	10	10	333	407	U	0.41
Diethylphthalate		1500	10	10	333	407	U	0.41
4-Nitroaniline		330	10	10	333	407	U	0.41
4,6-Dinitro-2-methylphenol		550	10	10	333	407	U	0.41
N-Nitrosodiphenylamine		330	10	10	333	407	U	0.41
4-Bromophenyl-phenylether		330	10	10	333	407	U	0.41
Hexachlorobenzene		330	10	10	333	407	U	0.41
Pentachlorophenol		550	10	10	333	407	U	0.41
Phenanthrene		330	10	10	333	407	U	0.41
Anthracene		330	10	10	333	407	U	0.41
Di-n-butylphthalate		1500	10	10	333	407	U	0.41
Fluoranthene		330	10	10	333	407	U	0.41
Pyrene		330	10	10	333	407	U	0.41
Butylbenzylphthalate		1500	10	10	333	407	U	0.41
3,3-Dichlorobenzidine		330	10	10	333	407	U	0.41
Benzo (a) anthracene		330	10	10	333	407	U	0.41
Chrysene		330	10	10	333	407	U	0.41
bis (2-Ethylhexyl) phthalate		1500	10	10	333	407	U	0.41
Di-n-octylphthalate		1500	10	10	333	407	U	0.41
Benzo (b) fluoranthene		330	10	10	333	407	U	0.41
Benzo (k) fluoranthene		330	10	10	333	407	U	0.41
Benzo (a) pyrene		330	10	10	333	407	U	0.41
Indeno (1,2,3-cd) pyrene		330	10	10	333	407	U	0.41
Dibenzo (a,h) anthracene		330	10	10	333	407	U	0.41
Benzo (g,h,i) perylene		330	10	10	333	407	U	0.41

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		44	44	25-121
Phenol-d6		42	42	24-113
Nitrobenzene-d5		65	65	23-120
2-Fluorobiphenyl		81	81	30-115
2,4,6-Tribromophenol		87	87	19-122
Terphenyl-d14		181	181	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit *Raw result=Value from quantitation report* *Final Result= Corrections for dilutions and moisture/dry performed*

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-17	Prep Method 1.	SW3050
Field Sample ID:	GCMS-Q-105	Prep Method 2:	
Date Sample Collected.	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	83.59
Lab Data File Name:	SA04579	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	399	U	0.40
Phenol		550	10	10	333	399	U	0.40
2-Chlorophenol		550	10	10	333	399	U	0.40
1,3-Dichlorobenzene		330	10	10	333	399	U	0.40
1,4-Dichlorobenzene		330	10	10	333	399	U	0.40
1,2-Dichlorobenzene		330	10	10	333	399	U	0.40
Benzyl Alcohol		330	10	10	333	399	U	0.40
bis (2-Chloroisopropyl) ether		330	10	10	333	399	U	0.40
2-Methylphenol		550	10	10	333	399	U	0.40
Hexachloroethane		330	10	10	333	399	U	0.40
N-Nitroso-di-n-propylamine		330	10	10	333	399	U	0.40
4-Methylphenol		550	10	10	333	399	U	0.40
Nitrobenzene		330	10	10	333	399	U	0.40
Isophorone		330	10	10	333	399	U	0.40
2-Nitrophenol		550	10	10	333	399	U	0.40
2,4-Dimethylphenol		550	10	10	333	399	U	0.40
bis (2-Chloroethoxy) methane		330	10	10	333	399	U	0.40
2,4-Dichlorophenol		550	10	10	333	399	U	0.40
Benzoic Acid		330	10	10	333	399	U	0.40
1,2,4-Trichlorobenzene		330	10	10	333	399	U	0.40
Naphthalene		330	10	10	333	399	U	0.40
4-Chloroaniline		330	10	10	333	399	U	0.40
Hexachlorobutadiene		330	10	10	333	399	U	0.40
4-Chloro-3-methylphenol		330	10	10	333	399	U	0.40
2-Methylnaphthalene		330	10	10	333	399	U	0.40
Hexachlorocyclopentadiene		330	10	10	333	399	U	0.40
2,4,6-Trichlorophenol		550	10	10	333	399	U	0.40
2,4,5-Trichlorophenol		550	10	10	333	399	U	0.40
2-Chloronaphthalene		330	10	10	333	399	U	0.40
2-Nitroaniline		330	10	10	333	399	U	0.40
Acenaphthalene		330	10	10	333	399	U	0.40
Dimethylphthalate		1500	10	10	333	399	U	0.40
2,6-Dinitrotoluene		330	10	10	333	399	U	0.40
3-Nitroaniline		330	10	10	333	399	U	0.40
Acenaphthene		330	10	10	333	399	U	0.40
2,4-Dinitrophenol		550	10	10	333	399	U	0.40
Dibenzofuran		330	10	10	333	399	U	0.40
2,4-Dinitrotoluene		330	10	10	333	399	U	0.40
4-Nitrophenol		550	10	10	333	399	U	0.40
Fluorene		550	10	10	333	399	U	0.40
4-Chlorophenyl-phenyl ether		330	10	10	333	399	U	0.40
Diethylphthalate		1500	10	10	333	399	U	0.40
4-Nitroaniline		330	10	10	333	399	U	0.40
4,6-Dinitro-2-methylphenol		550	10	10	333	399	U	0.40
N-Nitrosodiphenylamine		330	10	10	333	399	U	0.40
4-Bromophenyl-phenylether		330	10	10	333	399	U	0.40
Hexachlorobenzene		330	10	10	333	399	U	0.40
Pentachlorophenol		550	10	10	333	399	U	0.40
Phenanthrene		**330**	**12**	**12**	**407**	**487**		**0.49**
Anthracene		330	10	10	333	399	U	0.40
Di-n-butylphthalate		**1500**	**12**	**12**	**401**	**480**		**0.48**
Fluoranthene		**330**	**31**	**31**	**1027**	**1229**		**1.23**
Pyrene		**330**	**43**	**43**	**1426**	**1706**		**1.71**
Butylbenzylphthalate		**1500**	**8**	**8**	**259**	**309**	J	**0.31**
3,3-Dichlorobenzidine		330	10	10	333	399	U	0.40
Benzo (a) anthracene		**330**	**12**	**12**	**416**	**498**		**0.50**
Chrysene		**330**	**15**	**15**	**502**	**601**		**0.60**
bis (2-Ethylhexyl) phthalate		1500	10	10	333	399	U	0.40
Di-n-octyphthalate		1500	10	10	333	399	U	0.40
Benzo (b) fluoranthene		330	10	10	333	399	U	0.40
Benzo (k) fluoranthene		330	10	10	333	399	U	0.40
Benzo (a) pyrene		330	10	10	333	399	U	0.40
Indeno (1,2,3-cd) pyrene		330	10	10	333	399	U	0.40
Dibenzo (a,h) anthracene		330	10	10	333	399	U	0.40
Benzo (g,h,i) perylene		330	10	10	333	399	U	0.40

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		57	57	25-121
Phenol-d6		51	51	24-113
Nitrobenzene-d5		67	67	23-120
2-Fluorobiphenyl		80	80	30-115
2,4,6-Tribromophenol		76	76	19-122
Terphenyl-d14		173	173	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Results= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111701-18	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-107	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	88.06
Lab Data File Name:	SA04580	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10	333	379	U	0.38
Phenol		550	10	10	333	379	U	0.38
2-Chlorophenol		550	10	10	333	379	U	0.38
1,3-Dichlorobenzene		330	10	10	333	379	U	0.38
1,4-Dichlorobenzene		330	10	10	333	379	U	0.38
1,2-Dichlorobenzene		330	10	10	333	379	U	0.38
Benzyl Alcohol		330	10	10	333	379	U	0.38
bis (2-Chloroisopropyl) ether		330	10	10	333	379	U	0.38
2-Methylphenol		550	10	10	333	379	U	0.38
Hexachloroethane		330	10	10	333	379	U	0.38
N-Nitroso-di-n-propylamine		330	10	10	333	379	U	0.38
4-Methylphenol		550	10	10	333	379	U	0.38
Nitrobenzene		330	10	10	333	379	U	0.38
Isophorone		330	10	10	333	379	U	0.38
2-Nitrophenol		550	10	10	333	379	U	0.38
2,4-Dimethylphenol		550	10	10	333	379	U	0.38
bis (2-Chloroethoxy) methane		330	10	10	333	379	U	0.38
2,4-Dichlorophenol		550	10	10	333	379	U	0.38
Benzoic Acid		330	10	10	333	379	U	0.38
1,2,4-Trichlorobenzene		330	10	10	333	379	U	0.38
Naphthalene		330	10	10	333	379	U	0.38
4-Chloroaniline		330	10	10	333	379	U	0.38
Hexachlorobutadiene		330	10	10	333	379	U	0.38
4-Chloro-3-methylphenol		330	10	10	333	379	U	0.38
2-Methylnaphthalene		330	10	10	333	379	U	0.38
Hexachlorocyclopentadiene		330	10	10	333	379	U	0.38
2,4,6-Trichlorophenol		550	10	10	333	379	U	0.38
2,4,5-Trichlorophenol		550	10	10	333	379	U	0.38
2-Chloronaphthalene		330	10	10	333	379	U	0.38
2-Nitroaniline		330	10	10	333	379	U	0.38
Acenaphthalene		330	10	10	333	379	U	0.38
Dimethylphthalate		1500	10	10	333	379	U	0.38
2,6-Dinitrotoluene		330	10	10	333	379	U	0.38
3-Nitroaniline		330	10	10	333	379	U	0.38
Acenaphthene		330	10	10	333	379	U	0.38
2,4-Dinitrophenol		550	10	10	333	379	U	0.38
Dibenzofuran		330	10	10	333	379	U	0.38
2,4-Dinitrotoluene		330	10	10	333	379	U	0.38
4-Nitrophenol		550	10	10	333	379	U	0.38
Fluorene		550	10	10	333	379	U	0.38
4-Chlorophenyl-phenyl ether		330	10	10	333	379	U	0.38
Diethylphthalate		1500	10	10	333	379	U	0.38
4-Nitroaniline		330	10	10	333	379	U	0.38
4,6-Dinitro-2-methylphenol		550	10	10	333	379	U	0.38
N-Nitrosodiphenylamine		330	10	10	333	379	U	0.38
4-Bromophenyl-phenylether		330	10	10	333	379	U	0.38
Hexachlorobenzene		330	10	10	333	379	U	0.38
Pentachlorophenol		550	10	10	333	379	U	0.38
Phenanthrene		330	10	10	333	379	U	0.38
Anthracene		330	10	10	333	379	U	0.38
Di-n-butylphthalate		1500	10	10	333	379	U	0.38
Fluoranthene		330	10	10	333	379	U	0.38
Pyrene		330	10	10	333	379	U	0.38
Butylbenzylphthalate		1500	10	10	333	379	U	0.38
3,3-Dichlorobenzidine		330	10	10	333	379	U	0.38
Benzo (a) anthracene		330	10	10	333	379	U	0.38
Chrysene		330	10	10	333	379	U	0.38
bis (2-Ethylhexyl) phthalate		1500	10	10	333	379	U	0.38
Di-n-octylphthalate		1500	10	10	333	379	U	0.38
Benzo (b) fluoranthene		330	10	10	333	379	U	0.38
Benzo (k) fluoranthene		330	10	10	333	379	U	0.38
Benzo (a) pyrene		330	10	10	333	379	U	0.38
Indeno (1,2,3-cd) pyrene		330	10	10	333	379	U	0.38
Dibenzo (a,h) anthracene		330	10	10	333	379	U	0.38
Benzo (g,h,i) perylene		330	10	10	333	379	U	0.38

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		49	49	25-121
Phenol-d6		43	43	24-113
Nitrobenzene-d5		59	59	23-120
2-Fluorobiphenyl		70	70	30-115
2,4,6-Tribromophenol		74	74	19-122
Terphenyl-d14		90	90	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111701	*Lab Prep Date:*	*11/19/01*
Lab Sample ID:	URS111701-19	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-107	Prep Method 2:	
Date Sample Collected:	11/17/01	Lab Analysis Date:	11/27/01
Date Sample Received:	11/17/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	75
Lab Data File Name:	SA04581	*Laboratory Code:*	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	442	U	0.44
Phenol		550	10	10.0	333	442	U	0.44
2-Chlorophenol		550	10	10.0	333	442	U	0.44
1,3-Dichlorobenzene		330	10	10.0	333	442	U	0.44
1,4-Dichlorobenzene		330	10	10.0	333	442	U	0.44
1,2-Dichlorobenzene		330	10	10.0	333	442	U	0.44
Benzyl Alcohol		330	10	10.0	333	442	U	0.44
bis (2-Chloroisopropyl) ether		330	10	10.0	333	442	U	0.44
2-Methylphenol		550	10	10.0	333	442	U	0.44
Hexachloroethane		330	10	10.0	333	442	U	0.44
N-Nitroso-di-n-propylamine		330	10	10.0	333	442	U	0.44
4-Methylphenol		550	10	10.0	333	442	U	0.44
Nitrobenzene		330	10	10.0	333	442	U	0.44
Isophorone		330	10	10.0	333	442	U	0.44
2-Nitrophenol		550	10	10.0	333	442	U	0.44
2,4-Dimethylphenol		550	10	10.0	333	442	U	0.44
bis (2-Chloroethoxy) methane		330	10	10.0	333	442	U	0.44
2,4-Dichlorophenol		550	10	10.0	333	442	U	0.44
Benzoic Acid		330	10	10.0	333	442	U	0.44
1,2,4-Trichlorobenzene		330	10	10.0	333	442	U	0.44
Naphthalene		330	10	10.0	333	442	U	0.44
4-Chloroaniline		330	10	10.0	333	442	U	0.44
Hexachlorobutadiene		330	10	10.0	333	442	U	0.44
4-Chloro-3-methylphenol		330	10	10.0	333	442	U	0.44
2-Methylnaphthalene		330	10	10.0	333	442	U	0.44
Hexachlorocyclopentadiene		330	10	10.0	333	442	U	0.44
2,4,6-Trichlorophenol		550	10	10.0	333	442	U	0.44
2,4,5-Trichlorophenol		550	10	10.0	333	442	U	0.44
2-Chloronaphthalene		330	10	10.0	333	442	U	0.44
2-Nitroaniline		330	10	10.0	333	442	U	0.44
Acenaphthalene		330	10	10.0	333	442	U	0.44
Dimethylphthalate		1500	10	10.0	333	442	U	0.44
2,6-Dinitrotoluene		330	10	10.0	333	442	U	0.44
3-Nitroaniline		330	10	10.0	333	442	U	0.44
Acenaphthene		330	10	10.0	333	442	U	0.44
2,4-Dinitrophenol		550	10	10.0	333	442	U	0.44
Dibenzofuran		330	10	10.0	333	442	U	0.44
2,4-Dinitrotoluene		330	10	10.0	333	442	U	0.44
4-Nitrophenol		550	10	10.0	333	442	U	0.44
Fluorene		550	10	10.0	333	442	U	0.44
4-Chlorophenyl-phenyl ether		330	10	10.0	333	442	U	0.44
Diethylphthalate		1500	10	10.0	333	442	U	0.44
4-Nitroaniline		330	10	10.0	333	442	U	0.44
4,6-Dinitro-2-methylphenol		550	10	10.0	333	442	U	0.44
N-Nitrosodiphenylamine		330	10	10.0	333	442	U	0.44
4-Bromophenyl-phenylether		330	10	10.0	333	442	U	0.44
Hexachlorobenzene		330	10	10.0	333	442	U	0.44
Pentachlorophenol		550	10	10.0	333	442	U	0.44
Phenanthrene		330	10	10.0	333	442	U	0.44
Anthracene		330	10	10.0	333	442	U	0.44
Di-n-butylphthalate		1500	10	10.0	333	442	U	0.44
Fluoranthene		330	10	10.0	333	442	U	0.44
Pyrene		330	10	10.0	333	442	U	0.44
Butylbenzylphthalate		1500	10	10.0	333	442	U	0.44
3,3-Dichlorobenzidine		330	10	10.0	333	442	U	0.44
Benzo (a) anthracene		330	10	10.0	333	442	U	0.44
Chrysene		330	10	10.0	333	442	U	0.44
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	442	U	0.44
Di-n-octylphthalate		1500	10	10.0	333	442	U	0.44
Benzo (b) fluoranthene		330	10	10.0	333	442	U	0.44
Benzo (k) fluoranthene		330	10	10.0	333	442	U	0.44
Benzo (a) pyrene		330	10	10.0	333	442	U	0.44
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	442	U	0.44
Dibenzo (a,h) anthracene		330	10	10.0	333	442	U	0.44
Benzo (g,h,i) perylene		330	10	10.0	333	442	U	0.44

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56	56	25-121
Phenol-d6		51	51	24-113
Nitrobenzene-d5		68	68	23-120
2-Fluorobiphenyl		74	74	30-115
2,4,6-Tribromophenol		75	75	19-122
Terphenyl-d14		91	91	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ties outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID	URS111801-01	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-82	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received	11/18/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	75
Lab Data File Name	SA04587	Laboratory Code:	STL-OST

Analyte Name.	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	4459	U	4.5
Phenol		550	10	10.0	333	4459	U	4.5
2-Chlorophenol		550	10	10.0	333	4459	U	4.5
1,3-Dichlorobenzene		330	10	10.0	333	4459	U	4.5
1,4-Dichlorobenzene		330	10	10.0	333	4459	U	4.5
1,2-Dichlorobenzene		330	10	10.0	333	4459	U	4.5
Benzyl Alcohol		330	10	10.0	333	4459	U	4.5
bis (2-Chloroisopropyl) ether		330	10	10.0	333	4459	U	4.5
2-Methylphenol		550	10	10.0	333	4459	U	4.5
Hexachloroethane		330	10	10.0	333	4459	U	4.5
N-Nitroso-di-n-propylamine		330	10	10.0	333	4459	U	4.5
4-Methylphenol		550	10	10.0	333	4459	U	4.5
Nitrobenzene		330	10	10.0	333	4459	U	4.5
Isophorone		330	10	10.0	333	4459	U	4.5
2-Nitrophenol		550	10	10.0	333	4459	U	4.5
2,4-Dimethylphenol		550	10	10.0	333	4459	U	4.5
bis (2-Chloroethoxy) methane		330	10	10.0	333	4459	U	4.5
2,4-Dichlorophenol		550	10	10.0	333	4459	U	4.5
Benzoic Acid		330	10	10.0	333	4459	U	4.5
1,2,4-Trichlorobenzene		330	10	10.0	333	4459	U	4.5
Naphthalene		330	10	10.0	333	4459	U	4.5
4-Chloroaniline		330	10	10.0	333	4459	U	4.5
Hexachlorobutadiene		330	10	10.0	333	4459	U	4.5
4-Chloro-3-methylphenol		330	10	10.0	333	4459	U	4.5
2-Methylnaphthalene		330	10	10.0	333	4459	U	4.5
Hexachlorocyclopentadiene		330	10	10.0	333	4459	U	4.5
2,4,6-Trichlorophenol		550	10	10.0	333	4459	U	4.5
2,4,5-Trichlorophenol		550	10	10.0	333	4459	U	4.5
2-Chloronaphthalene		330	10	10.0	333	4459	U	4.5
2-Nitroaniline		330	10	10.0	333	4459	U	4.5
Acenaphthalene		330	10	10.0	333	4459	U	4.5
Dimethylphthalate		1500	10	10.0	333	4459	U	4.5
2,6-Dinitrotoluene		330	10	10.0	333	4459	U	4.5
3-Nitroaniline		330	10	10.0	333	4459	U	4.5
Acenaphthene		330	10	10.0	333	4459	U	4.5
2,4-Dinitrophenol		550	10	10.0	333	4459	U	4.5
Dibenzofuran		330	10	10.0	333	4459	U	4.5
2,4-Dinitrotoluene		330	10	10.0	333	4459	U	4.5
4-Nitrophenol		550	10	10.0	333	4459	U	4.5
Fluorene		550	10	10.0	333	4459	U	4.5
4-Chlorophenyl-phenyl ether		330	10	10.0	333	4459	U	4.5
Diethylphthalate		1500	10	10.0	333	4459	U	4.5
4-Nitroaniline		330	10	10.0	333	4459	U	4.5
4,6-Dinitro-2-methylphenol		550	10	10.0	333	4459	U	4.5
N-Nitrosodiphenylamine		330	10	10.0	333	4459	U	4.5
4-Bromophenyl-phenylether		330	10	10.0	333	4459	U	4.5
Hexachlorobenzene		330	10	10.0	333	4459	U	4.5
Pentachlorophenol		550	10	10.0	333	4459	U	4.5
Phenanthrene		330	10	10.0	333	4459	U	4.5
Anthracene		330	10	10.0	333	4459	U	4.5
Di-n-butylphthalate		1500	10	10.0	333	4459	U	4.5
Fluoranthene		330	10	10.0	333	4459	U	4.5
Pyrene		330	10	10.0	333	4459	U	4.5
Butylbenzylphthalate		1500	10	10.0	333	4459	U	4.5
3,3-Dichlorobenzidine		330	10	10.0	333	4459	U	4.5
Benzo (a) anthracene		330	10	10.0	333	4459	U	4.5
Chrysene		330	10	10.0	333	4459	U	4.5
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	4459	U	4.5
Di-n-octylphthalate		1500	10	10.0	333	4459	U	4.5
Benzo (b) fluoranthene		330	10	10.0	333	4459	U	4.5
Benzo (k) fluoranthene		330	10	10.0	333	4459	U	4.5
Benzo (a) pyrene		330	10	10.0	333	4459	U	4.5
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	4459	U	4.5
Dibenzo (a,h) anthracene		330	10	10.0	333	4459	U	4.5
Benzo (g,h,i) perylene		330	10	10.0	333	4459	U	4.5

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		3	28	25-121
Phenol-d6		2	21	24-113
Nitrobenzene-d5		3	30	23-120
2-Fluorobiphenyl		4	37	30-115
2,4,6-Tribromophenol		4	45	19-122
Terphenyl-d14		5	49	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:
Lab Delivery Group: URS111801
Lab Sample ID: URS111801-01
Field Sample ID: GCMS-Q-82
Date Sample Collected: 11/18/01
Date Sample Received: 11/18/01
EDD Transfer Date:
Sample Matrix: S
Sample Type: F
Analysis Method: SW8270C
Prep Batch Number: QCS010
Lab Data File Name: SA04588

Sample Amount: 30
Lab Prep Date: 11/19/01
Prep Method 1: SW3050
Prep Method 2:
Lab Analysis Date: 11/28/01
Result Type: FR
Result Units: ug/kg
Dilution Type: 00
Dilution Factor: 10
Spike Amount:
Percent Solids: 87
Laboratory Code: STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3820	U	3.8
Phenol		550	10	10.0	333	3820	U	3.8
2-Chlorophenol		550	10	10.0	333	3820	U	3.8
1,3-Dichlorobenzene		330	10	10.0	333	3820	U	3.8
1,4-Dichlorobenzene		330	10	10.0	333	3820	U	3.8
1,2-Dichlorobenzene		330	10	10.0	333	3820	U	3.8
Benzyl Alcohol		330	10	10.0	333	3820	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3820	U	3.8
2-Methylphenol		550	10	10.0	333	3820	U	3.8
Hexachloroethane		330	10	10.0	333	3820	U	3.8
N-Nitroso-di-n-propylamine		330	10	10.0	333	3820	U	3.8
4-Methylphenol		550	10	10.0	333	3820	U	3.8
Nitrobenzene		330	10	10.0	333	3820	U	3.8
Isophorone		330	10	10.0	333	3820	U	3.8
2-Nitrophenol		550	10	10.0	333	3820	U	3.8
2,4-Dimethylphenol		550	10	10.0	333	3820	U	3.8
bis (2-Chloroethoxy) methane		330	10	10.0	333	3820	U	3.8
2,4-Dichlorophenol		550	10	10.0	333	3820	U	3.8
Benzoic Acid		330	10	10.0	333	3820	U	3.8
1,2,4-Trichlorobenzene		330	10	10.0	333	3820	U	3.8
Naphthalene		330	10	10.0	333	3820	U	3.8
4-Chloroaniline		330	10	10.0	333	3820	U	3.8
Hexachlorobutadiene		330	10	10.0	333	3820	U	3.8
4-Chloro-3-methylphenol		330	10	10.0	333	3820	U	3.8
2-Methylnaphthalene		330	10	10.0	333	3820	U	3.8
Hexachlorocyclopentadiene		330	10	10.0	333	3820	U	3.8
2,4,6-Trichlorophenol		550	10	10.0	333	3820	U	3.8
2,4,5-Trichlorophenol		550	10	10.0	333	3820	U	3.8
2-Chloronaphthalene		330	10	10.0	333	3820	U	3.8
2-Nitroaniline		330	10	10.0	333	3820	U	3.8
Acenaphthalene		330	10	10.0	333	3820	U	3.8
Dimethylphthalate		1500	10	10.0	333	3820	U	3.8
2,6-Dinitrotoluene		330	10	10.0	333	3820	U	3.8
3-Nitroaniline		330	10	10.0	333	3820	U	3.8
Acenaphthene		330	10	10.0	333	3820	U	3.8
2,4-Dinitrophenol		550	10	10.0	333	3820	U	3.8
Dibenzofuran		330	10	10.0	333	3820	U	3.8
2,4-Dinitrotoluene		330	10	10.0	333	3820	U	3.8
4-Nitrophenol		550	10	10.0	333	3820	U	3.8
Fluorene		550	10	10.0	333	3820	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3820	U	3.8
Diethylphthalate		1500	10	10.0	333	3820	U	3.8
4-Nitroaniline		330	10	10.0	333	3820	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3820	U	3.8
N-Nitrosodiphenylamine		330	10	10.0	333	3820	U	3.8
4-Bromophenyl-phenylether		330	10	10.0	333	3820	U	3.8
Hexachlorobenzene		330	10	10.0	333	3820	U	3.8
Pentachlorophenol		550	10	10.0	333	3820	U	3.8
Phenanthrene		**330**	**8**	**7.8**	**259**	**2964**	**J**	**3.0**
Anthracene		330	10	10.0	333	3820	U	3.8
Di-n-butylphthalate		1500	10	10.0	333	3820	U	3.8
Fluoranthene		**330**	**32**	**32.1**	**1070**	**12265**		**12.3**
Pyrene		**330**	**22**	**22.5**	**750**	**8590**		**8.6**
Butylbenzylphthalate		1500	10	10.0	333	3820	U	3.8
3,3-Dichlorobenzidine		330	10	10.0	333	3820	U	3.8
Benzo (a) anthracene		**330**	**13**	**12.5**	**417**	**4782**		**4.8**
Chrysene		**330**	**14**	**14.2**	**473**	**5420**		**5.4**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3820	U	3.8
Di-n-octylphthalate		1500	10	10.0	333	3820	U	3.8
Benzo (b) fluoranthene		**330**	**22**	**21.9**	**731**	**8372**		**8.4**
Benzo (k) fluoranthene		**330**	**11**	**10.7**	**356**	**4079**		**4.1**
Benzo (a) pyrene		**330**	**9**	**9.3**	**308**	**3533**	**J**	**3.5**
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3820	U	3.8
Dibenzo (a,h) anthracene		330	10	10.0	333	3820	U	3.8
Benzo (g,h,i) perylene		330	10	10.0	333	3820	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		4	36	25-121
Phenol-d6		3	25	24-113
Nitrobenzene-d5		4	43	23-120
2-Fluorobiphenyl		5	49	30-115
2,4,6-Tribromophenol		5	47	19-122
Terphenyl-d14		6	58	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111801-03	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-82	Prep Method 2:	
Date Sample Collected	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	88
Lab Data File Name:	SA04589	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	378	U	0.4
Phenol		550	10	10.0	333	378	U	0.4
2-Chlorophenol		550	10	10.0	333	378	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	378	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	378	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	378	U	0.4
Benzyl Alcohol		330	10	10.0	333	378	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	378	U	0.4
2-Methylphenol		550	10	10.0	333	378	U	0.4
Hexachloroethane		330	10	10.0	333	378	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	378	U	0.4
4-Methylphenol		550	10	10.0	333	378	U	0.4
Nitrobenzene		330	10	10.0	333	378	U	0.4
Isophorone		330	10	10.0	333	378	U	0.4
2-Nitrophenol		550	10	10.0	333	378	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	378	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	378	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	378	U	0.4
Benzoic Acid		330	10	10.0	333	378	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	378	U	0.4
Naphthalene		330	10	10.0	333	378	U	0.4
4-Chloroaniline		330	10	10.0	333	378	U	0.4
Hexachlorobutadiene		330	10	10.0	333	378	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	378	U	0.4
2-Methylnaphthalene		330	10	10.0	333	378	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	378	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	378	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	378	U	0.4
2-Chloronaphthalene		330	10	10.0	333	378	U	0.4
2-Nitroaniline		330	10	10.0	333	378	U	0.4
Acenaphthalene		330	10	10.0	333	378	U	0.4
Dimethylphthalate		1500	10	10.0	333	378	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	378	U	0.4
3-Nitroaniline		330	10	10.0	333	378	U	0.4
Acenaphthene		330	10	10.0	333	378	U	0.4
2,4-Dinitrophenol		550	10	10.0	333	378	U	0.4
Dibenzofuran		330	10	10.0	333	378	U	0.4
2,4-Dinitrotoluene		330	10	10.0	333	378	U	0.4
4-Nitrophenol		550	10	10.0	333	378	U	0.4
Fluorene		550	10	10.0	333	378	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10.0	333	378	U	0.4
Diethylphthalate		1500	10	10.0	333	378	U	0.4
4-Nitroaniline		330	10	10.0	333	378	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	378	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	378	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	378	U	0.4
Hexachlorobenzene		330	10	10.0	333	378	U	0.4
Pentachlorophenol		550	10	10.0	333	378	U	0.4
Phenanthrene		330	10	10.0	333	378	U	0.4
Anthracene		330	10	10.0	333	378	U	0.4
Di-n-butylphthalate		1500	10	10.0	333	378	U	0.4
Fluoranthene		**330**	**6**	**6.1**	**202**	**229**	**J**	**0.2**
Pyrene		**330**	**10**	**9.9**	**331**	**375**	**J**	**0.4**
Butylbenzylphthalate		1500	10	10.0	333	378	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	378	U	0.4
Benzo (a) anthracene		330	10	10.0	333	378	U	0.4
Chrysene		330	10	10.0	333	378	U	0.4
bis (2-Ethylhexyl) phthalate		**1500**	**28**	**27.6**	**919**	**1041**		**1.0**
Di-n-octylphthalate		1500	10	10.0	333	378	U	0.4
Benzo (b) fluoranthene		330	10	10.0	333	378	U	0.4
Benzo (k) fluoranthene		330	10	10.0	333	378	U	0.4
Benzo (a) pyrene		330	10	10.0	333	378	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	378	U	0.4
Dibenzo (a,h) anthracene		330	10	10.0	333	378	U	0.4
Benzo (g,h,i) perylene		330	10	10.0	333	378	U	0.4

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		12	12	25-121
Phenol-d6		18	18	24-113
Nitrobenzene-d5		25	25	23-120
2-Fluorobiphenyl		44	44	30-115
2,4,6-Tribromophenol		65	65	19-122
Terphenyl-d14		151	151	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID	URS111801-04	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-31	Prep Method 2:	
Date Sample Collected	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received	11/18/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number	QCS010	Percent Solids:	88
Lab Data File Name	SA04590	Laboratory Code:	STL-OST

Analyte Name.	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	380	U	0.4
Phenol		550	10	10.0	333	380	U	0.4
2-Chlorophenol		550	10	10.0	333	380	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	380	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	380	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	380	U	0.4
Benzyl Alcohol		330	10	10.0	333	380	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	380	U	0.4
2-Methylphenol		550	10	10.0	333	380	U	0.4
Hexachloroethane		330	10	10.0	333	380	U	0.4
N-Nitroso-d -n-propylamine		330	10	10.0	333	380	U	0.4
4-Methylphenol		550	10	10.0	333	380	U	0.4
Nitrobenzene		330	10	10.0	333	380	U	0.4
Isophorone		330	10	10.0	333	380	U	0.4
2-Nitrophenol		550	10	10.0	333	380	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	380	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	380	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	380	U	0.4
Benzoic Acid		330	10	10.0	333	380	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	380	U	0.4
Naphthalene		**330**	**6**	**6.2**	**207**	**237**	**J**	**0.2**
4-Chloroaniline		330	10	10.0	333	380	U	0.4
Hexachlorobutadiene		330	10	10.0	333	380	U	0.4
4-Chloro-3-methylphenol		*330*	*10*	*10.0*	333	*380*	*U*	*0.4*
2-Methylnaphthalene		330	10	10.0	333	380	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	380	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	380	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	380	U	0.4
2-Chloronaphthalene		330	10	10.0	333	380	U	0.4
2-Nitroaniline		330	10	10.0	333	380	U	0.4
Acenaphthalene		330	10	10.0	333	380	U	0.4
Dimethylphthalate		1500	10	10.0	333	380	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	380	U	0.4
3-Nitroaniline		330	10	10.0	333	380	U	0.4
Acenaphthene		**330**	**22**	**21.9**	**730**	**833**		**0.8**
2,4-Dinitrophenol		550	10	10.0	333	380	U	0.4
Dibenzofuran		**330**	**13**	**13.3**	**444**	**507**		**0.5**
2,4-Dinitrotoluene		330	10	10.0	333	380	U	0.4
4-Nitrophenol		550	10	10.0	333	380	U	0.4
Fluorene		**550**	**17**	**16.8**	**559**	**638**		**0.6**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	380	U	0.4
Diethylphthalate		1500	10	10.0	333	380	U	0.4
4-Nitroaniline		330	10	10.0	333	380	U	0.4
4,6-Dinitro-2-methylphenol		*550*	*10*	*10.0*	*333*	*380*	*U*	*0.4*
N-Nitrosodiphenylamine		330	10	10.0	333	380	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	380	U	0.4
Hexachlorobenzene		330	10	10.0	333	380	U	0.4
Pentachlorophenol		550	10	10.0	333	380	U	0.4
Phenanthrene		**330**	**357**	**357.1**	**11904**	**13584**	**E**	**14**
Anthracene		**330**	**72**	**71.6**	**2385**	**2722**		**2.7**
Di-n-butylphthalate		1500	10	10.0	333	380	U	0.4
Fluoranthene		**330**	**407**	**406.9**	**13565**	**15479**	**E**	**15**
Pyrene		**330**	**159277**	**159277.0**	**5309233**	**6058694**	**E**	**6059**
Butylbenzylphthalate		1500	10	10.0	333	380	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	380	U	0.4
Benzo (a) anthracene		**330**	**155**	**155.0**	**5167**	**5896**	**E**	**5.9**
Chrysene		**330**	**158**	**157.6**	**5253**	**5995**	**E**	**6.0**
bis (2-Ethylhexyl) phthalate		**1500**	**455**	**455.5**	**15182**	**17325**	**E**	**17**
Di-n-octylphthalate		1500	10	10.0	333	380	U	0.4
Benzo (b) fluoranthene		**330**	**163**	**163.0**	**5434**	**6201**	**E**	**6.2**
Benzo (k) fluoranthene		**330**	**34**	**34.3**	**1145**	**1306**		**1.3**
Benzo (a) pyrene		**330**	**100**	**99.7**	**3322**	**3791**		**3.8**
Indeno (1,2,3-cd) pyrene		**330**	**77**	**76.8**	**2561**	**2923**		**2.9**
Dibenzo (a,h) anthracene		*330*	*10*	*10.0*	333	*380*	*U*	*0.4*
Benzo (g,h,i) perylene		**330**	**68**	**67.9**	**2264**	**2584**		**2.6**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		42	42	25-121
Phenol-d6		41	41	24-113
Nitrobenzene-d5		49	49	23-120
2-Fluorobiphenyl		73	73	30-115
2,4,6-Tribromophenol		64	64	19-122
Terphenyl-d14		266	266	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID	URS111801-04DL	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-31	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix	S	Dilution Type.	00
Sample Type	F	Dilution Factor.	20
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids.	88
Lab Data File Name:	SA04624	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	7608	U	7.6
Phenol		550	10	10.0	333	7608	U	7.6
2-Chlorophenol		550	10	10.0	333	7608	U	7.6
1,3-Dichlorobenzene		330	10	10.0	333	7608	U	7.6
1,4-Dichlorobenzene		330	10	10.0	333	7608	U	7.6
1,2-Dichlorobenzene		330	10	10.0	333	7608	U	7.6
Benzyl Alcohol		330	10	10.0	333	7608	U	7.6
bis (2-Chloroisopropyl) ether		330	10	10.0	333	7608	U	7.6
2-Methylphenol		550	10	10.0	333	7608	U	7.6
Hexachloroethane		330	10	10.0	333	7608	U	7.6
N-Nitroso-di-n-propylamine		330	10	10.0	333	7608	U	7.6
4-Methylphenol		550	10	10.0	333	7608	U	7.6
Nitrobenzene		330	10	10.0	333	7608	U	7.6
Isophorone		330	10	10.0	333	7608	U	7.6
2-Nitrophenol		550	10	10.0	333	7608	U	7.6
2,4-Dimethylphenol		550	10	10.0	333	7608	U	7.6
bis (2-Chloroethoxy) methane		330	10	10.0	333	7608	U	7.6
2,4-Dichlorophenol		550	10	10.0	333	7608	U	7.6
Benzoic Acid		330	10	10.0	333	7608	U	7.6
1,2,4-Trichlorobenzene		330	10	10.0	333	7608	U	7.6
Naphthalene		330	10	10.0	333	7608	U	7.6
4-Chloroaniline		330	10	10.0	333	7608	U	7.6
Hexachlorobutadiene		330	10	10.0	333	7608	U	7.6
4-Chloro-3-methylphenol		330	10	10.0	333	7608	U	7.6
2-Methylnaphthalene		330	10	10.0	333	7608	U	7.6
Hexachlorocyclopentadiene		330	10	10.0	333	7608	U	7.6
2,4,6-Trichlorophenol		550	10	10.0	333	7608	U	7.6
2,4,5-Trichlorophenol		550	10	10.0	333	7608	U	7.6
2-Chloronaphthalene		330	10	10.0	333	7608	U	7.6
2-Nitroaniline		330	10	10.0	333	7608	U	7.6
Acenaphthalene		330	10	10.0	333	7608	U	7.6
Dimethylphthalate		1500	10	10.0	333	7608	U	7.6
2,6-Dinitrotoluene		330	10	10.0	333	7608	U	7.6
3-Nitroaniline		330	10	10.0	333	7608	U	7.6
Acenaphthene		330	10	10.0	333	7608	U	7.6
2,4-Dinitrophenol		550	10	10.0	333	7608	U	7.6
Dibenzofuran		330	10	10.0	333	7608	U	7.6
2,4-Dinitrotoluene		330	10	10.0	333	7608	U	7.6
4-Nitrophenol		550	10	10.0	333	7608	U	7.6
Fluorene		550	10	10.0	333	7608	U	7.6
4-Chlorophenyl-phenyl ether		330	10	10.0	333	7608	U	7.6
Diethylphthalate		1500	10	10.0	333	7608	U	7.6
4-Nitroaniline		330	10	10.0	333	7608	U	7.6
4,6-Dinitro-2-methylphenol		550	10	10.0	333	7608	U	7.6
N-Nitrosodiphenylamine		330	10	10.0	333	7608	U	7.6
4-Bromophenyl-phenylether		330	10	10.0	333	7608	U	7.6
Hexachlorobenzene		330	10	10.0	333	7608	U	7.6
Pentachlorophenol		550	10	10.0	333	7608	U	7.6
Phenanthrene		**330**	**15**	**14.7**	**488**	**11145**		**11.1**
Anthracene		330	10	10.0	333	7608	U	7.6
Di-n-butylphthalate		1500	10	10.0	333	7608	U	7.6
Fluoranthene		**330**	**18**	**17.7**	**591**	**13481**		**13.5**
Pyrene		**330**	**19**	**18.7**	**623**	**14226**		**14.2**
Butylbenzylphthalate		1500	10	10.0	333	7608	U	7.6
3,3-Dichlorobenzidine		330	10	10.0	333	7608	U	7.6
Benzo (a) anthracene		**330**	**7**	**6.8**	**225**	**5135**	**J**	**5.1**
Chrysene		**330**	**8**	**7.7**	**256**	**5835**	**J**	**5.8**
bis (2-Ethylhexyl) phthalate		**1500**	**18**	**18.1**	**603**	**13762**		**13.8**
Di-n-octylphthalate		1500	10	10.0	333	7608	U	7.6
Benzo (b) Fluoranthene		**330**	**12**	**12.0**	**401**	**9145**		**9.1**
Benzo (k) fluoranthene		330	10	10.0	333	7608	U	7.6
Benzo (a) pyrene		330	10	10.0	333	7608	U	7.6
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	7608	U	7.6
Dibenzo (a,h) anthracene		330	10	10.0	333	7608	U	7.6
Benzo (g,h,i) perylene		330	10	10.0	333	7608	U	7.6

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		2	34	25-121
Phenol-d6		1	18	24-113
Nitrobenzene-d5		2	36	23-120
2-Fluorobiphenyl		3	57	30-115
2,4,6-Tribromophenol		3	67	19-122
Terphenyl-d14		4	90	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate ilee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

URS Contract
Lab Delivery Group: URS111801
Lab Sample ID: URS111801-05
Field Sample ID: GCMS-Q-101
Date Sample Collected: 11/18/01
Date Sample Received: 11/18/01
EDD Transfer Date:
Sample Matrix: S
Sample Type: F
Analysis Method: SW8270C
Prep Batch Number: QCS010
Lab Data File Name: SA04591

Sample Amount: 30
Lab Prep Date: 11/19/01
Prep Method 1: SW3050
Prep Method 2:
Lab Analysis Date: 11/28/01
Result Type: FR
Result Units: ug/kg
Dilution Type: 00
Dilution Factor: 1
Spike Amount:
Percent Solids: 89
Laboratory Code: STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	375	U	0.4
Phenol		550	10	10.0	333	375	U	0.4
2-Chlorophenol		550	10	10.0	333	375	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	375	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	375	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	375	U	0.4
Benzyl Alcohol		330	10	10.0	333	375	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	375	U	0.4
2-Methylphenol		550	10	10.0	333	375	U	0.4
Hexachloroethane		330	10	10.0	333	375	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	375	U	0.4
4-Methylphenol		550	10	10.0	333	375	U	0.4
Nitrobenzene		330	10	10.0	333	375	U	0.4
Isophorone		330	10	10.0	333	375	U	0.4
2-Nitrophenol		550	10	10.0	333	375	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	375	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	375	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	375	U	0.4
Benzoic Acid		330	10	10.0	333	375	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	375	U	0.4
Naphthalene		330	10	10.0	333	375	U	0.4
4-Chloroaniline		330	10	10.0	333	375	U	0.4
Hexachlorobutadiene		330	10	10.0	333	375	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	375	U	0.4
2-Methylnaphthalene		330	10	10.0	333	375	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	375	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	375	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	375	U	0.4
2-Chloronaphthalene		330	10	10.0	333	375	U	0.4
2-Nitroaniline		330	10	10.0	333	375	U	0.4
Acenaphthalene		330	10	10.0	333	375	U	0.4
Dimethylphthalate		1500	10	10.0	333	375	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	375	U	0.4
3-Nitroaniline		330	10	10.0	333	375	U	0.4
Acenaphthene		330	10	10.0	333	375	U	0.4
2,4-Dinitrophenol		550	10	10.0	333	375	U	0.4
Dibenzofuran		330	10	10.0	333	375	U	0.4
2,4-Dinitrotoluene		330	10	10.0	333	375	U	0.4
4-Nitrophenol		550	10	10.0	333	375	U	0.4
Fluorene		550	10	10.0	333	375	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10.0	333	375	U	0.4
Diethylphthalate		1500	10	10.0	333	375	U	0.4
4-Nitroaniline		330	10	10.0	333	375	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	375	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	375	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	375	U	0.4
Hexachlorobenzene		330	10	10.0	333	375	U	0.4
Pentachlorophenol		550	10	10.0	333	375	U	0.4
Phenanthrene		330	10	10.0	333	375	U	0.4
Anthracene		330	10	10.0	333	375	U	0.4
Di-n-butylphthalate		1500	10	10.0	333	375	U	0.4
Fluoranthene		330	10	10.0	333	375	U	0.4
Pyrene		330	10	10.0	333	375	U	0.4
Butylbenzylphthalate		1500	10	10.0	333	375	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	375	U	0.4
Benzo (a) anthracene		330	10	10.0	333	375	U	0.4
Chrysene		330	10	10.0	333	375	U	0.4
bis (2-Ethylhexyl) phthalate		**1500**	**6**	**6.0**	**201**	**226**	J	0.2
Di-n-octylphthalate		1500	10	10.0	333	375	U	0.4
Benzo (b) fluoranthene		330	10	10.0	333	375	U	0.4
Benzo (k) fluoranthene		330	10	10.0	333	375	U	0.4
Benzo (a) pyrene		330	10	10.0	333	375	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	375	U	0.4
Dibenzo (a,h) anthracene		330	10	10.0	333	375	U	0.4
Benzo (g,h,i) perylene		330	10	10.0	333	375	U	0.4

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		48	48	25-121
Phenol-d6		38	38	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		65	65	30-115
2,4,6-Tribromophenol		79	79	19-122
Terphenyl-d14		121	121	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount *Final soil or sediment results reported on a dry weight basis*

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group:	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID	URS111801-06	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-23	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	68
Lab Data File Name:	SA04592	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	489	U	0.5
Phenol		550	10	10.0	333	489	U	0.5
2-Chlorophenol		550	10	10.0	333	489	U	0.5
1,3-Dichlorobenzene		330	10	10.0	333	489	U	0.5
1,4-Dichlorobenzene		330	10	10.0	333	489	U	0.5
1,2-Dichlorobenzene		330	10	10.0	333	489	U	0.5
Benzyl Alcohol		330	10	10.0	333	489	U	0.5
bis (2-Chloroisopropyl) ether		330	10	10.0	333	489	U	0.5
2-Methylphenol		550	10	10.0	333	489	U	0.5
Hexachloroethane		330	10	10.0	333	489	U	0.5
N-Nitroso-di-n-propylamine		330	10	10.0	333	489	U	0.5
4-Methylphenol		550	10	10.0	333	489	U	0.5
Nitrobenzene		330	10	10.0	333	489	U	0.5
Isophorone		330	10	10.0	333	489	U	0.5
2-Nitrophenol		550	10	10.0	333	489	U	0.5
2,4-Dimethylphenol		550	10	10.0	333	489	U	0.5
bis (2-Chloroethoxy) methane		330	10	10.0	333	489	U	0.5
2,4-Dichlorophenol		550	10	10.0	333	489	U	0.5
Benzoic Acid		330	10	10.0	333	489	U	0.5
1,2,4-Trichlorobenzene		330	10	10.0	333	489	U	0.5
Naphthalene		330	10	10.0	333	489	U	0.5
4-Chloroaniline		330	10	10.0	333	489	U	0.5
Hexachlorobutadiene		330	10	10.0	333	489	U	0.5
4-Chloro-3-methylphenol		330	10	10.0	333	489	U	0.5
2-Methylnaphthalene		330	10	10.0	333	489	U	0.5
Hexachlorocyclopentadiene		330	10	10.0	333	489	U	0.5
2,4,6-Trichlorophenol		550	10	10.0	333	489	U	0.5
2,4,5-Trichlorophenol		550	10	10.0	333	489	U	0.5
2-Chloronaphthalene		330	10	10.0	333	489	U	0.5
2-Nitroaniline		330	10	10.0	333	489	U	0.5
Acenaphthalene		330	10	10.0	333	489	U	0.5
Dimethylphthalate		1500	10	10.0	333	489	U	0.5
2,6-Dinitrotoluene		330	10	10.0	333	489	U	0.5
3-Nitroaniline		330	10	10.0	333	489	U	0.5
Acenaphthene		330	10	10.0	333	489	U	0.5
2,4-Dinitrophenol		550	10	10.0	333	489	U	0.5
Dibenzofuran		330	10	10.0	333	489	U	0.5
2,4-Dinitrotoluene		330	10	10.0	333	489	U	0.5
4-Nitrophenol		550	10	10.0	333	489	U	0.5
Fluorene		550	10	10.0	333	489	U	0.5
4-Chlorophenyl-phenyl ether		330	10	10.0	333	489	U	0.5
Diethylphthalate		1500	10	10.0	333	489	U	0.5
4-Nitroaniline		330	10	10.0	333	489	U	0.5
4,6-Dinitro-2-methylphenol		550	10	10.0	333	489	U	0.5
N-Nitrosodiphenylamine		330	10	10.0	333	489	U	0.5
4-Bromophenyl-phenylether		330	10	10.0	333	489	U	0.5
Hexachlorobenzene		330	10	10.0	333	489	U	0.5
Pentachlorophenol		550	10	10.0	333	489	U	0.5
Phenanthrene		330	10	10.0	333	489	U	0.5
Anthracene		330	10	10.0	333	489	U	0.5
Di-n-butylphthalate		1500	10	10.0	333	489	U	0.5
Fluoranthene		330	10	10.0	333	489	U	0.5
Pyrene		330	10	10.0	333	489	U	0.5
Butylbenzylphthalate		1500	10	10.0	333	489	U	0.5
3,3-Dichlorobenzidine		330	10	10.0	333	489	U	0.5
Benzo (a) anthracene		330	10	10.0	333	489	U	0.5
Chrysene		330	10	10.0	333	489	U	0.5
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	489	U	0.5
Di-n-octylphthalate		1500	10	10.0	333	489	U	0.5
Benzo (b) fluoranthene		330	10	10.0	333	489	U	0.5
Benzo (k) fluoranthene		330	10	10.0	333	489	U	0.5
Benzo (a) pyrene		330	10	10.0	333	489	U	0.5
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	489	U	0.5
Dibenzo (a,h) anthracene		330	10	10.0	333	489	U	0.5
Benzo (g,h,i) perylene		330	10	10.0	333	489	U	0.5

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		43	43	25-121
Phenol-d6		37	37	24-113
Nitrobenzene-d5		67	67	23-120
2-Fluorobiphenyl		80	80	30-115
2,4,6-Tribromophenol		71	71	19-122
Terphenyl-d14		98	98	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate has outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract			
Lab Delivery Group:	URS111801	Sample Amount:	30
Lab Sample ID	URS111801-07	Lab Prep Date:	11/28/01
Field Sample ID.	GCMS-Q-82	Prep Method 1:	SW3050
Date Sample Collected:	11/18/01	Prep Method 2:	
Date Sample Received	11/18/01	Lab Analysis Date:	11/29/01
EDD Transfer Date		Result Type:	FR
Sample Matrix	S	Result Units:	ug/kg
Sample Type	F	Dilution Type:	00
Analysis Method.	SW8270C	Dilution Factor:	1
Prep Batch Number	QCS010	Spike Amount.	
Lab Data File Name	SA04623	Percent Solids:	74
		Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	451	U	0.5
Phenol		550	10	10.0	333	451	U	0.5
2-Chlorophenol		550	10	10.0	333	451	U	0.5
1,3-Dichlorobenzene		330	10	10.0	333	451	U	0.5
1,4-Dichlorobenzene		330	10	10.0	333	451	U	0.5
1,2-Dichlorobenzene		330	10	10.0	333	451	U	0.5
Benzyl Alcohol		330	10	10.0	333	451	U	0.5
bis (2-Chloroisopropyl) ether		330	10	10.0	333	451	U	0.5
2-Methylphenol		550	10	10.0	333	451	U	0.5
Hexachloroethane		330	10	10.0	333	451	U	0.5
N-Nitroso-di-n-propylamine		330	10	10.0	333	451	U	0.5
4-Methylphenol		550	10	10.0	333	451	U	0.5
Nitrobenzene		330	10	10.0	333	451	U	0.5
Isophorone		330	10	10.0	333	451	U	0.5
2-Nitrophenol		550	10	10.0	333	451	U	0.5
2,4-Dimethylphenol		550	10	10.0	333	451	U	0.5
bis (2-Chloroethoxy) methane		330	10	10.0	333	451	U	0.5
2,4-Dichlorophenol		550	10	10.0	333	451	U	0.5
Benzoic Acid		330	10	10.0	333	451	U	0.5
1,2,4-Trichlorobenzene		330	10	10.0	333	451	U	0.5
Naphthalene		330	10	10.0	333	451	U	0.5
4-Chloroaniline		330	10	10.0	333	451	U	0.5
Hexachlorobutadiene		330	10	10.0	333	451	U	0.5
4-Chloro-3-methylphenol		330	10	10.0	333	451	U	0.5
2-Methylnaphthalene		330	10	10.0	333	451	U	0.5
Hexachlorocyclopentadiene		330	10	10.0	333	451	U	0.5
2,4,6-Trichlorophenol		550	10	10.0	333	451	U	0.5
2,4,5-Trichlorophenol		550	10	10.0	333	451	U	0.5
2-Chloronaphthalene		330	10	10.0	333	451	U	0.5
2-Nitroaniline		330	10	10.0	333	451	U	0.5
Acenaphthalene		330	10	10.0	333	451	U	0.5
Dimethylphthalate		1500	10	10.0	333	451	U	0.5
2,6-Dinitrotoluene		330	10	10.0	333	451	U	0.5
3-Nitroaniline		330	10	10.0	333	451	U	0.5
Acenaphthene		330	10	10.0	333	451	U	0.5
2,4-Dinitrophenol		550	10	10.0	333	451	U	0.5
Dibenzofuran		330	10	10.0	333	451	U	0.5
2,4-Dinitrotoluene		330	10	10.0	333	451	U	0.5
4-Nitrophenol		550	10	10.0	333	451	U	0.5
Fluorene		550	10	10.0	333	451	U	0.5
4-Chlorophenyl-phenyl ether		330	10	10.0	333	451	U	0.5
Diethylphthalate		1500	10	10.0	333	451	U	0.5
4-Nitroaniline		330	10	10.0	333	451	U	0.5
4,6-Dinitro-2-methylphenol		550	10	10.0	333	451	U	0.5
N-Nitrosodiphenylamine		330	10	10.0	333	451	U	0.5
4-Bromophenyl-phenylether		330	10	10.0	333	451	U	0.5
Hexachlorobenzene		330	10	10.0	333	451	U	0.5
Pentachlorophenol		550	10	10.0	333	451	U	0.5
Phenanthrene		330	10	10.0	333	451	U	0.5
Anthracene		330	10	10.0	333	451	U	0.5
Di-n-butylphthalate		1500	10	10.0	333	451	U	0.5
Fluoranthene		330	10	10.0	333	451	U	0.5
Pyrene		330	10	10.0	333	451	U	0.5
Butylbenzylphthalate		1500	10	10.0	333	451	U	0.5
3,3-Dichlorobenzidine		330	10	10.0	333	451	U	0.5
Benzo (a) anthracene		330	10	10.0	333	451	U	0.5
Chrysene		330	10	10.0	333	451	U	0.5
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	451	U	0.5
Di-n-octylphthalate		1500	10	10.0	333	451	U	0.5
Benzo (b) fluoranthene		330	10	10.0	333	451	U	0.5
Benzo (k) fluoranthene		330	10	10.0	333	451	U	0.5
Benzo (a) pyrene		330	10	10.0	333	451	U	0.5
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	451	U	0.5
Dibenzo (a,h) anthracene		330	10	10.0	333	451	U	0.5
Benzo (g,h,i) perylene		330	10	10.0	333	451	U	0.5

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		20	20	25-121
Phenol-d6		23	23	24-113
Nitrobenzene-d5		39	39	23-120
2-Fluorobiphenyl		54	54	30-115
2,4,6-Tribromophenol		47	47	19-122
Terphenyl-d14		113	113	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fell outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date

Review Date

URS Contract:

Lab Delivery Group	URS111801	Sample Amount:	30
Lab Sample ID	URS111801-08	Lab Prep Date:	11/20/01
Field Sample ID	GCMS-Q-94	Prep Method 1.	SW3050
Date Sample Collected	11/18/01	Prep Method 2	
Date Sample Received	11/18/01	Lab Analysis Date:	11/28/01
EDD Transfer Date		Result Type:	FR
Sample Matrix	S	Result Units:	ug/kg
Sample Type:	F	Dilution Type:	00
Analysis Method.	SW8270C	Dilution Factor:	1
Prep Batch Number	QCS010	Spike Amount:	
Lab Data File Name	SA04594	Percent Solids:	83
		Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	401	U	0.4
Phenol		550	10	10.0	333	401	U	0.4
2-Chlorophenol		550	10	10.0	333	401	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	401	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	401	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	401	U	0.4
Benzyl Alcohol		330	10	10.0	333	401	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	401	U	0.4
2-Methylphenol		550	10	10.0	333	401	U	0.4
Hexachloroethane		330	10	10.0	333	401	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	401	U	0.4
4-Methylphenol		550	10	10.0	333	401	U	0.4
Nitrobenzene		330	10	10.0	333	401	U	0.4
Isophorone		330	10	10.0	333	401	U	0.4
2-Nitrophenol		550	10	10.0	333	401	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	401	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	401	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	401	U	0.4
Benzoic Acid		330	10	10.0	333	401	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	401	U	0.4
Naphthalene		330	10	10.0	333	401	U	0.4
4-Chloroaniline		330	10	10.0	333	401	U	0.4
Hexachlorobutadiene		330	10	10.0	333	401	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	401	U	0.4
2-Methylnaphthalene		330	10	10.0	333	401	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	401	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	401	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	401	U	0.4
2-Chloronaphthalene		330	10	10.0	333	401	U	0.4
2-Nitroaniline		330	10	10.0	333	401	U	0.4
Acenaphthalene		330	10	10.0	333	401	U	0.4
Dimethylphthalate		1500	10	10.0	333	401	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	401	U	0.4
3-Nitroaniline		330	10	10.0	333	401	U	0.4
Acenaphthene		330	10	10.0	333	401	U	0.4
2,4-Dinitrophenol		550	10	10.0	333	401	U	0.4
Dibenzofuran		330	10	10.0	333	401	U	0.4
2,4-Dinitrotoluene		330	10	10.0	333	401	U	0.4
4-Nitrophenol		550	10	10.0	333	401	U	0.4
Fluorene		550	10	10.0	333	401	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10.0	333	401	U	0.4
Diethylphthalate		1500	10	10.0	333	401	U	0.4
4-Nitroaniline		330	10	10.0	333	401	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	401	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	401	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	401	U	0.4
Hexachlorobenzene		330	10	10.0	333	401	U	0.4
Pentachlorophenol		550	10	10.0	333	401	U	0.4
Phenanthrene		330	10	10.0	333	401	U	0.4
Anthracene		330	10	10.0	333	401	U	0.4
Di-n-butylphthalate		1500	10	10.0	333	401	U	0.4
Fluoranthene		330	10	10.0	333	401	U	0.4
Pyrene		330	10	10.0	333	401	U	0.4
Butylbenzylphthalate		1500	10	10.0	333	401	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	401	U	0.4
Benzo (a) anthracene		330	10	10.0	333	401	U	0.4
Chrysene		330	10	10.0	333	401	U	0.4
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	401	U	0.4
Di-n-octylphthalate		1500	10	10.0	333	401	U	0.4
Benzo (b) fluoranthene		330	10	10.0	333	401	U	0.4
Benzo (k) fluoranthene		330	10	10.0	333	401	U	0.4
Benzo (a) pyrene		330	10	10.0	333	401	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	401	U	0.4
Dibenzo (a,h) anthracene		330	10	10.0	333	401	U	0.4
Benzo (g,h,i) perylene		330	10	10.0	333	401	U	0.4

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		45	45	25-121
Phenol-d6		42	42	24-113
Nitrobenzene-d5		52	52	23-120
2-Fluorobiphenyl		67	67	30-115
2,4,6-Tribromophenol		77	77	19-122
Terphenyl-d14		218	218	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group:	URS111801	Lab Prep Date:	11/20/01
Lab Sample ID	URS111801-09	Prep Method 1:	SW3050
Field Sample ID	GCMS-Q-100	Prep Method 2:	
Date Sample Collected.	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received	11/18/01	Result Type:	FR
EDD Transfer Date.		Result Units:	ug/kg
Sample Matrix.	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	1
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number	QCS010	Percent Solids:	86
Lab Data File Name	SA04595	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	386	U	0.4
Phenol		550	10	10.0	333	386	U	0.4
2-Chlorophenol		550	10	10.0	333	386	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	386	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	386	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	386	U	0.4
Benzyl Alcohol		330	10	10.0	333	386	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	386	U	0.4
2-Methylphenol		550	10	10.0	333	386	U	0.4
Hexachloroethane		330	10	10.0	333	386	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	386	U	0.4
4-Methylphenol		550	10	10.0	333	386	U	0.4
Nitrobenzene		330	10	10.0	333	386	U	0.4
Isophorone		330	10	10.0	333	386	U	0.4
2-Nitrophenol		550	10	10.0	333	386	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	386	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	386	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	386	U	0.4
Benzoic Acid		330	10	10.0	333	386	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	386	U	0.4
Naphthalene		330	10	10.0	333	386	U	0.4
4-Chloroaniline		330	10	10.0	333	386	U	0.4
Hexachlorobutadiene		330	10	10.0	333	386	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	386	U	0.4
2-Methylnaphthalene		330	10	10.0	333	386	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	386	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	386	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	386	U	0.4
2-Chloronaphthalene		330	10	10.0	333	386	U	0.4
2-Nitroaniline		330	10	10.0	333	386	U	0.4
Acenaphthalene		330	10	10.0	333	386	U	0.4
Dimethylphthalate		1500	10	10.0	333	386	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	386	U	0.4
3-Nitroaniline		330	10	10.0	333	386	U	0.4
Acenaphthene		**330**	**5**	**5.4**	**181**	**210**	**J**	**0.2**
2,4-Dinitrophenol		550	10	10.0	333	386	U	0.4
Dibenzofuran		330	10	10.0	333	386	U	0.4
2,4-Dinitrotoluene		330	10	10.0	333	386	U	0.4
4-Nitrophenol		550	10	10.0	333	386	U	0.4
Fluorene		550	10	10.0	333	386	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10.0	333	386	U	0.4
Diethylphthalate		1500	10	10.0	333	386	U	0.4
4-Nitroaniline		330	10	10.0	333	386	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	386	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	386	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	386	U	0.4
Hexachlorobenzene		330	10	10.0	333	386	U	0.4
Pentachlorophenol		550	10	10.0	333	386	U	0.4
Phenanthrene		**330**	**19**	**19.4**	**645**	**747**		**0.7**
Anthracene		330	10	10.0	333	386	U	0.4
Di-n-butylphthalate		1500	10	10.0	333	386	U	0.4
Fluoranthene		**330**	**159**	**159.4**	**5312**	**6154**	**E**	**6.2**
Pyrene		**330**	**217**	**217.5**	**7249**	**8397**	**E**	**8.4**
Butylbenzylphthalate		1500	10	10.0	333	386	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	386	U	0.4
Benzo (a) anthracene		**330**	**55**	**55.4**	**1846**	**2138**		**2.1**
Chrysene		**330**	**65**	**65.1**	**2168**	**2512**		**2.5**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	386	U	0.4
Di-n-octylphthalate		1500	10	10.0	333	386	U	0.4
Benzo (b) fluoranthene		**330**	**156**	**156.5**	**5216**	**6042**	**E**	**6.0**
Benzo (k) fluoranthene		**330**	**52**	**52.3**	**1742**	**2018**		**2.0**
Benzo (a) pyrene		**330**	**77**	**76.7**	**2555**	**2960**		**3.0**
Indeno (1,2,3-cd) pyrene		**330**	**90**	**90.0**	**2998**	**3473**		**3.5**
Dibenzo (a,h) anthracene		330	10	10.0	333	386	U	0.4
Benzo (g,h,i) perylene		**330**	**87**	**87.2**	**2906**	**3366**		**3.4**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		51	51	25-121
Phenol-d6		*47*	*47*	*24-113*
Nitrobenzene-d5		58	58	23-120
2-Fluorobiphenyl		75	75	30-115
2,4,6-Tribromophenol		72	72	19-122
Terphenyl-d14		126	126	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/20/01
Lab Sample ID	URS111801-09DL	Prep Method 1:	SW3050
Field Sample ID.	GCMS-Q-100	Prep Method 2:	
Date Sample Collected	11/18/01	Lab Analysis Date:	11/29/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix	S	Dilution Type:	00
Sample Type	F	Dilution Factor:	10
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number	QCS010	Percent Solids:	86
Lab Data File Name	SA04625	Laboratory Code:	STL-OST

Analyte Name	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	3861	U	3.9
Phenol		550	10	10.0	333	3861	U	3.9
2-Chlorophenol		550	10	10.0	333	3861	U	3.9
1,3-Dichlorobenzene		330	10	10.0	333	3861	U	3.9
1,4-Dichlorobenzene		330	10	10.0	333	3861	U	3.9
1,2-Dichlorobenzene		330	10	10.0	333	3861	U	3.9
Benzyl Alcohol		330	10	10.0	333	3861	U	3.9
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3861	U	3.9
2-Methylphenol		550	10	10.0	333	3861	U	3.9
Hexachloroethane		330	10	10.0	333	3861	U	3.9
N-Nitroso-d-n-propylamine		330	10	10.0	333	3861	U	3.9
4-Methylphenol		550	10	10.0	333	3861	U	3.9
Nitrobenzene		330	10	10.0	333	3861	U	3.9
Isophorone		330	10	10.0	333	3861	U	3.9
2-Nitrophenol		550	10	10.0	333	3861	U	3.9
2,4-Dimethylphenol		550	10	10.0	333	3861	U	3.9
bis (2-Chloroethoxy) methane		330	10	10.0	333	3861	U	3.9
2,4-Dichlorophenol		550	10	10.0	333	3861	U	3.9
Benzoic Acid		330	10	10.0	333	3861	U	3.9
1,2,4-Trichlorobenzene		330	10	10.0	333	3861	U	3.9
Naphthalene		330	10	10.0	333	3861	U	3.9
4-Chloroaniline		330	10	10.0	333	3861	U	3.9
Hexachlorobutadiene		330	10	10.0	333	3861	U	3.9
4-Chloro-3-methylphenol		330	10	10.0	333	3861	U	3.9
2-Methylnaphthalene		330	10	10.0	333	3861	U	3.9
Hexachlorocyclopentadiene		330	10	10.0	333	3861	U	3.9
2,4,6-Trichlorophenol		550	10	10.0	333	3861	U	3.9
2,4,5-Trichlorophenol		550	10	10.0	333	3861	U	3.9
2-Chloronaphthalene		330	10	10.0	333	3861	U	3.9
2-Nitroaniline		330	10	10.0	333	3861	U	3.9
Acenaphthalene		330	10	10.0	333	3861	U	3.9
Dimethylphthalate		1500	10	10.0	333	3861	U	3.9
2,6-Dinitrotoluene		330	10	10.0	333	3861	U	3.9
3-Nitroaniline		330	10	10.0	333	3861	U	3.9
Acenaphthene		330	10	10.0	333	3861	U	3.9
2,4-Dinitrophenol		550	10	10.0	333	3861	U	3.9
Dibenzofuran		330	10	10.0	333	3861	U	3.9
2,4-Dinitrotoluene		330	10	10.0	333	3861	U	3.9
4-Nitrophenol		550	10	10.0	333	3861	U	3.9
Fluorene		550	10	10.0	333	3861	U	3.9
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3861	U	3.9
Diethylphthalate		1500	10	10.0	333	3861	U	3.9
4-Nitroaniline		330	10	10.0	333	3861	U	3.9
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3861	U	3.9
N-Nitrosodiphenylamine		330	10	10.0	333	3861	U	3.9
4-Bromophenyl-phenylether		330	10	10.0	333	3861	U	3.9
Hexachlorobenzene		330	10	10.0	333	3861	U	3.9
Pentachlorophenol		550	10	10.0	333	3861	U	3.9
Phenanthrene		330	10	10.0	333	3861	U	3.9
Anthracene		330	10	10.0	333	3861	U	3.9
Di-n-butylphthalate		1500	10	10.0	333	3861	U	3.9
Fluoranthene		**330**	**12**	**11.8**	**392**	**4537**		**4.5**
Pyrene		**330**	**15**	**15.1**	**504**	**5834**		**5.8**
Butylbenzylphthalate		1500	10	10.0	333	3861	U	3.9
3,3-Dichlorobenzidine		330	10	10.0	333	3861	U	3.9
Benzo (a) anthracene		**330**	**12**	**12.2**	**406**	**4707**		**4.7**
Chrysene		**330**	**18**	**17.7**	**590**	**6834**		**6.8**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3861	U	3.9
Di-n-octylphthalate		1500	10	10.0	333	3861	U	3.9
Benzo (b) fluoranthene		**330**	**32**	**31.9**	**1063**	**12317**		**12.3**
Benzo (k) fluoranthene		**330**	**12**	**12.0**	**399**	**4622**		**4.6**
Benzo (a) pyrene		**330**	**15**	**14.7**	**490**	**5680**		**5.7**
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3861	U	3.9
Dibenzo (a,h) anthracene		330	10	10.0	333	3861	U	3.9
Benzo (g,h,i) perylene		330	10	10.0	333	3861	U	3.9

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		5	49	25-121
Phenol-d6		4	37	24-113
Nitrobenzene-d5		5	52	23-120
2-Fluorobiphenyl		7	68	30-115
2,4,6-Tribromophenol		6	63	19-122
Terphenyl-d14		9	94	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fee outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111801	Lab Prep Date:	11/20/01
Lab Sample ID:	URS111801-10	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-95	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	83
Lab Data File Name:	SA04596	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	399	U	0.4
Phenol		550	10	10.0	333	399	U	0.4
2-Chlorophenol		550	10	10.0	333	399	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	399	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	399	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	399	U	0.4
Benzyl Alcohol		330	10	10.0	333	399	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	399	U	0.4
2-Methylphenol		550	10	10.0	333	399	U	0.4
Hexachloroethane		330	10	10.0	333	399	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	399	U	0.4
4-Methylphenol		550	10	10.0	333	399	U	0.4
Nitrobenzene		330	10	10.0	333	399	U	0.4
Isophorone		330	10	10.0	333	399	U	0.4
2-Nitrophenol		550	10	10.0	333	399	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	399	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	399	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	399	U	0.4
Benzoic Acid		330	10	10.0	333	399	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	399	U	0.4
Naphthalene		330	10	10.0	333	399	U	0.4
4-Chloroaniline		330	10	10.0	333	399	U	0.4
Hexachlorobutadiene		330	10	10.0	333	399	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	399	U	0.4
2-Methylnaphthalene		330	10	10.0	333	399	U	0.4
Hexachlorocyclopentadiene		330	10	10.0	333	399	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	399	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	399	U	0.4
2-Chloronaphthalene		330	10	10.0	333	399	U	0.4
2-Nitroaniline		330	10	10.0	333	399	U	0.4
Acenaphthylene		330	10	10.0	333	399	U	0.4
Dimethylphthalate		1500	10	10.0	333	399	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	399	U	0.4
3-Nitroaniline		330	10	10.0	333	399	U	0.4
Acenaphthene		330	10	10.0	333	399	U	0.4
2,4-Dinitrophenol		550	10	10.0	333	399	U	0.4
Dibenzofuran		330	10	10.0	333	399	U	0.4
2,4-Dinitrotoluene		330	10	10.0	333	399	U	0.4
4-Nitrophenol		550	10	10.0	333	399	U	0.4
Fluorene		550	10	10.0	333	399	U	0.4
4-Chlorophenyl-phenyl ether		330	10	10.0	333	399	U	0.4
Diethylphthalate		1500	10	10.0	333	399	U	0.4
4-Nitroaniline		330	10	10.0	333	399	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	399	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	399	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	399	U	0.4
Hexachlorobenzene		330	10	10.0	333	399	U	0.4
Pentachlorophenol		550	10	10.0	333	399	U	0.4
Phenanthrene		330	10	10.0	333	399	U	0.4
Anthracene		330	10	10.0	333	399	U	0.4
Di-n-butylphthalate		1500	10	10.0	333	399	U	0.4
Fluoranthene		330	10	10.0	333	399	U	0.4
Pyrene		**330**	**7**	**7.0**	**235**	**281**	**J**	**0.3**
Butylbenzylphthalate		1500	10	10.0	333	399	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	399	U	0.4
Benzo (a) anthracene		330	10	10.0	333	399	U	0.4
Chrysene		330	10	10.0	333	399	U	0.4
bis (2-Ethylhexyl) phthalate		**1500**	**34**	**33.6**	**1118**	**1339**		**1.3**
Di-n-octylphthalate		1500	10	10.0	333	399	U	0.4
Benzo (b) fluoranthene		330	10	10.0	333	399	U	0.4
Benzo (k) fluoranthene		330	10	10.0	333	399	U	0.4
Benzo (a) pyrene		330	10	10.0	333	399	U	0.4
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	399	U	0.4
Dibenzo (a,h) anthracene		330	10	10.0	333	399	U	0.4
Benzo (g,h,i) perylene		330	10	10.0	333	399	U	0.4

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		49	49	25-121
Phenol-d6		45	45	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		81	81	30-115
2,4,6-Tribromophenol		77	77	19-122
Terphenyl-d14		117	117	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group:	URS111801	Lab Prep Date:	11/20/01
Lab Sample ID:	URS111801-11	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-99	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/28/01
Date Sample Received:	11/18/01	Result Type:	FR
EDD Transfer Date:		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	1
Analysis Method:	SW8270C	Spike Amount:	
Prep Batch Number:	QCS010	Percent Solids:	89
Lab Data File Name:	SA04597	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chloroethyl)ether		330	10	10.0	333	375	U	0.4
Phenol		550	10	10.0	333	375	U	0.4
2-Chlorophenol		550	10	10.0	333	375	U	0.4
1,3-Dichlorobenzene		330	10	10.0	333	375	U	0.4
1,4-Dichlorobenzene		330	10	10.0	333	375	U	0.4
1,2-Dichlorobenzene		330	10	10.0	333	375	U	0.4
Benzyl Alcohol		330	10	10.0	333	375	U	0.4
bis (2-Chloroisopropyl) ether		330	10	10.0	333	375	U	0.4
2-Methylphenol		550	10	10.0	333	375	U	0.4
Hexachloroethane		330	10	10.0	333	375	U	0.4
N-Nitroso-di-n-propylamine		330	10	10.0	333	375	U	0.4
4-Methylphenol		550	10	10.0	333	375	U	0.4
Nitrobenzene		330	10	10.0	333	375	U	0.4
Isophorone		330	10	10.0	333	375	U	0.4
2-Nitrophenol		550	10	10.0	333	375	U	0.4
2,4-Dimethylphenol		550	10	10.0	333	375	U	0.4
bis (2-Chloroethoxy) methane		330	10	10.0	333	375	U	0.4
2,4-Dichlorophenol		550	10	10.0	333	375	U	0.4
Benzoic Acid		330	10	10.0	333	375	U	0.4
1,2,4-Trichlorobenzene		330	10	10.0	333	375	U	0.4
Naphthalene		**330**	**62**	**62.2**	**2073**	**2333**	**U**	**2.3**
4-Chloroaniline		330	10	10.0	333	375	U	0.4
Hexachlorobutadiene		330	10	10.0	333	375	U	0.4
4-Chloro-3-methylphenol		330	10	10.0	333	375	U	0.4
2-Methylnaphthalene		**330**	**25**	**25.3**	**842**	**948**	**U**	**0.9**
Hexachlorocyclopentadiene		330	10	10.0	333	375	U	0.4
2,4,6-Trichlorophenol		550	10	10.0	333	375	U	0.4
2,4,5-Trichlorophenol		550	10	10.0	333	375	U	0.4
2-Chloronaphthalene		330	10	10.0	333	375	U	0.4
2-Nitroaniline		330	10	10.0	333	375	U	0.4
Acenaphthalene		330	10	10.0	333	375	U	0.4
Dimethylphthalate		1500	10	10.0	333	375	U	0.4
2,6-Dinitrotoluene		330	10	10.0	333	375	U	0.4
3-Nitroaniline		330	10	10.0	333	375	U	0.4
Acenaphthene		**330**	**152**	**152.3**	**5077**	**5715**	**U**	**5.7**
2,4-Dinitrophenol		550	10	10.0	333	375	U	0.4
Dibenzofuran		**330**	**91**	**91.2**	**3040**	**3422**	**U**	**3.4**
2,4-Dinitrotoluene		330	10	10.0	333	375	U	0.4
4-Nitrophenol		550	10	10.0	333	375	U	0.4
Fluorene		**550**	**125**	**124.8**	**4161**	**4684**	**U**	**4.7**
4-Chlorophenyl-phenyl ether		330	10	10.0	333	375	U	0.4
Diethylphthalate		1500	10	10.0	333	375	U	0.4
4-Nitroaniline		330	10	10.0	333	375	U	0.4
4,6-Dinitro-2-methylphenol		550	10	10.0	333	375	U	0.4
N-Nitrosodiphenylamine		330	10	10.0	333	375	U	0.4
4-Bromophenyl-phenylether		330	10	10.0	333	375	U	0.4
Hexachlorobenzene		330	10	10.0	333	375	U	0.4
Pentachlorophenol		550	10	10.0	333	375	U	0.4
Phenanthrene		**330**	**810**	**810.4**	**27013**	**30410**	**U**	**30.4**
Anthracene		**330**	**229**	**229.1**	**7635**	**8595**	**U**	**8.6**
Di-n-butylphthalate		1500	10	10.0	333	375	U	0.4
Fluoranthene		**330**	**542**	**542.0**	**18068**	**20340**	**U**	**20.3**
Pyrene		**330**	**785**	**785.2**	**26173**	**29464**	**U**	**29.5**
Butylbenzylphthalate		1500	10	10.0	333	375	U	0.4
3,3-Dichlorobenzidine		330	10	10.0	333	375	U	0.4
Benzo (a) anthracene		**330**	**120**	**119.9**	**3997**	**4500**	**U**	**4.5**
Chrysene		**330**	**124**	**123.8**	**4125**	**4644**	**U**	**4.6**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	375	U	0.4
Di-n-octylphthalate		1500	10	10.0	333	375	U	0.4
Benzo (b) fluoranthene		**330**	**497**	**496.7**	**16555**	**18637**	**U**	**18.6**
Benzo (k) fluoranthene		**330**	**133**	**133.4**	**4446**	**5005**	**U**	**5.0**
Benzo (a) pyrene		**330**	**265**	**264.7**	**8823**	**9932**	**U**	**9.9**
Indeno (1,2,3-cd) pyrene		**330**	**228**	**227.7**	**7589**	**8543**	**U**	**8.5**
Dibenzo (a,h) anthracene		330	10	10.0	333	375	U	0.4
Benzo (g,h,i) perylene		**330**	**197**	**197.1**	**6569**	**7395**	**U**	**7.4**

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		56	56	25-121
Phenol-d6		56	56	24-113
Nitrobenzene-d5		62	62	23-120
2-Fluorobiphenyl		91	91	30-115
2,4,6-Tribromophenol		69	69	19-122
Terphenyl-d14		62	62	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate lies outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date

SEVERN TRENT LABORATORIES ON-SITE TECHNOLIGIES DIVISION

URS Contract:		Sample Amount:	30
Lab Delivery Group	URS111801	Lab Prep Date:	11/19/01
Lab Sample ID:	URS111801-11	Prep Method 1:	SW3050
Field Sample ID:	GCMS-Q-99	Prep Method 2:	
Date Sample Collected:	11/18/01	Lab Analysis Date:	11/29/01
Date Sample Received	11/18/01	Result Type:	FR
EDD Transfer Date		Result Units:	ug/kg
Sample Matrix:	S	Dilution Type:	00
Sample Type:	F	Dilution Factor:	10
Analysis Method	SW8270C	Spike Amount:	
Prep Batch Number	QCS010	Percent Solids:	89
Lab Data File Name:	SA04626	Laboratory Code:	STL-OST

Analyte Name:	CAS Number	DL	Raw Result	Wt. Corrected		Final Result	Result Flag	mg/kg
bis (2-Chlorethyl)ether		330	10	10.0	333	3752	U	3.8
Phenol		550	10	10.0	333	3752	U	3.8
2-Chlorophenol		550	10	10.0	333	3752	U	3.8
1,3-Dichlorobenzene		330	10	10.0	333	3752	U	3.8
1,4-Dichlorobenzene		330	10	10.0	333	3752	U	3.8
1,2-Dichlorobenzene		330	10	10.0	333	3752	U	3.8
Benzyl Alcohol		330	10	10.0	333	3752	U	3.8
bis (2-Chloroisopropyl) ether		330	10	10.0	333	3752	U	3.8
2-Methylphenol		550	10	10.0	333	3752	U	3.8
Hexachloroethane		330	10	10.0	333	3752	U	3.8
N-Nitroso-di-n-propylamine		330	10	10.0	333	3752	U	3.8
4-Methylphenol		550	10	10.0	333	3752	U	3.8
Nitrobenzene		330	10	10.0	333	3752	U	3.8
Isophorone		330	10	10.0	333	3752	U	3.8
2-Nitrophenol		550	10	10.0	333	3752	U	3.8
2,4-Dimethylphenol		550	10	10.0	333	3752	U	3.8
bis (2-Chloroethoxy) methane		330	10	10.0	333	3752	U	3.8
2,4-Dichlorophenol		550	10	10.0	333	3752	U	3.8
Benzoic Acid		330	10	10.0	333	3752	U	3.8
1,2,4-Trichlorobenzene		330	10	10.0	333	3752	U	3.8
Naphthalene		330	10	10.0	333	3752	U	3.8
4-Chloroaniline		330	10	10.0	333	3752	U	3.8
Hexachlorobutadiene		330	10	10.0	333	3752	U	3.8
4-Chloro-3-methylphenol		330	10	10.0	333	3752	U	3.8
2-Methylnaphthalene		330	10	10.0	333	3752	U	3.8
Hexachlorocyclopentadiene		330	10	10.0	333	3752	U	3.8
2,4,6-Trichlorophenol		550	10	10.0	333	3752	U	3.8
2,4,5-Trichlorophenol		550	10	10.0	333	3752	U	3.8
2-Chloronaphthalene		330	10	10.0	333	3752	U	3.8
2-Nitroaniline		330	10	10.0	333	3752	U	3.8
Acenaphthalene		330	10	10.0	333	3752	U	3.8
Dimethylphthalate		1500	10	10.0	333	3752	U	3.8
2,6-Dinitrotoluene		330	10	10.0	333	3752	U	3.8
3-Nitroaniline		330	10	10.0	333	3752	U	3.8
Acenaphthene		330	10	10.0	333	3752	U	3.8
2,4-Dinitrophenol		550	10	10.0	333	3752	U	3.8
Dibenzofuran		330	10	10.0	333	3752	U	3.8
2,4-Dinitrotoluene		330	10	10.0	333	3752	U	3.8
4-Nitrophenol		550	10	10.0	333	3752	U	3.8
Fluorene		550	10	10.0	333	3752	U	3.8
4-Chlorophenyl-phenyl ether		330	10	10.0	333	3752	U	3.8
Diethylphthalate		1500	10	10.0	333	3752	U	3.8
4-Nitroaniline		330	10	10.0	333	3752	U	3.8
4,6-Dinitro-2-methylphenol		550	10	10.0	333	3752	U	3.8
N-Nitrosodiphenylamine		330	10	10.0	333	3752	U	3.8
4-Bromophenyl-phenylether		330	10	10.0	333	3752	U	3.8
Hexachlorobenzene		330	10	10.0	333	3752	U	3.8
Pentachlorophenol		550	10	10.0	333	3752	U	3.8
Phenanthrene		**330**	**17**	**17.1**	**571**	**6432**		**6.4**
Anthracene		330	10	10.0	333	3752	U	3.8
Di-n-butylphthalate		1500	10	10.0	333	3752	U	3.8
Fluoranthene		**330**	**16**	**16.3**	**544**	**6126**		**6.1**
Pyrene		**330**	**18**	**17.8**	**592**	**6664**		**6.7**
Butylbenzylphthalate		1500	10	10.0	333	3752	U	3.8
3,3-Dichlorobenzidine		330	10	10.0	333	3752	U	3.8
Benzo (a) anthracene		**330**	**7**	**6.6**	**221**	**2484**	J	**2.5**
Chrysene		**330**	**8**	**7.9**	**264**	**2972**	J	**3.0**
bis (2-Ethylhexyl) phthalate		1500	10	10.0	333	3752	U	3.8
Di-n-octylphthalate		1500	10	10.0	333	3752	U	3.8
Benzo (b) fluoranthene		**330**	**13**	**13.4**	**447**	**5028**		**5.0**
Benzo (k) fluoranthene		330	10	10.0	333	3752	U	3.8
Benzo (a) pyrene		330	10	10.0	333	3752	U	3.8
Indeno (1,2,3-cd) pyrene		330	10	10.0	333	3752	U	3.8
Dibenzo (a,h) anthracene		330	10	10.0	333	3752	U	3.8
Benzo (g,h,i) perylene		330	10	10.0	333	3752	U	3.8

SURROGATES	CAS Number	% REC	X DL	Soil
2-Fluorophenol		1	6	25-121
Phenol-d6		0	3	24-113
Nitrobenzene-d5		1	5	23-120
2-Fluorobiphenyl		1	13	30-115
2,4,6-Tribromophenol		1	10	19-122
Terphenyl-d14		2	19	18-137

E = Exceeds Calibration U= not detected J= Estimated B= Detected in Method Blank

* Indicates surrogate fall outside of normal QC range, possibly due to matrix effect.

DL = Detection Limit Raw result=Value from quantitation report Final Result= Corrections for dilutions and moisture/dry performed

Wt. Corrected corrects RL for sample amount

Final soil or sediment results reported on a dry weight basis

Analyst Date Review Date