PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT

APPENDIX B.2.1.4

QA/QC DATA FOR THE ADDITIONAL SUBSURFACE SOIL SAMPLES REPORTED BY ANALYTICAL BATCHES

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 1

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.10	(0.52)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67073	PH	9045	93/12/08	93/12/16	8.3200 PH
SJ67074	PH	9045	93/12/08	93/12/16	7.3800 PH
SJ67075	PH	9045	93/12/08	93/12/16	7.5200 PH
SJ67076	PH	9045	93/12/08	93/12/16	7.4000 PH
SJ67123	PH	9045	93/12/09	93/12/16	7.7400 PH
SJ67124	PH	9045	93/12/09	93/12/16	6.9100 PH
SJ67125	PH	9045	93/12/09	93/12/16	7.4000 PH
SJ67126	PH	9045	93/12/09	93/12/16	7.3700 PH

BATCH: 2

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.30	(0.52)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67376	PH	9045	93/12/13	93/12/22	7.3000 PH
SJ67377	PH	9045	93/12/13	93/12/22	7.7900 PH
SJ67378	PH	9045	93/12/13	93/12/22	7.3400 PH
SJ67379	PH	9045	93/12/13	93/12/22	7.5600 PH
SJ67380	PH	9045	93/12/14	93/12/22	8.0600 PH
SJ67381	PH	9045	93/12/14	93/12/22	3.9600 PH
SJ67382	PH	9045	93/12/14	93/12/22	8.0000 PH
SJ67429	PH	9045	93/12/17	93/12/22	8.6800 PH
SJ67430	PH	9045	93/12/17	93/12/22	8.7700 PH
SJ67431	PH	9045	93/12/17	93/12/22	7.9300 PH
SJ67599	PH	9045	93/12/20	93/12/30	7.5200 PH

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 3

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.10	(0.52)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67598	PH	9045	93/12/20	93/12/30	7.5600 PH
SJ67600	PH	9045	93/12/20	93/12/30	8.0300 PH
SJ67601	PH	9045	93/12/20	93/12/30	7.8600 PH
SJ67602	PH	9045	93/12/21	93/12/30	8.6100 PH
SJ67603	PH	9045	93/12/21	93/12/30	8.2300 PH
SJ67604	PH	9045	93/12/21	93/12/30	7.7000 PH
SJ67680	PH	9045	93/12/27	93/12/30	8.1900 PH
SJ67681	PH	9045	93/12/27	93/12/30	8.2600 PH
SJ67682	PH	9045	93/12/27	93/12/30	8.3600 PH
SJ67683	PH	9045	93/12/27	93/12/30	8.5900 PH
SJ67703	PH	9045	93/12/29	93/12/30	8.3200 PH

BATCH: 4

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.10	(0.52)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ70145	PH	9045	93/12/30	94/01/06	8.0300 PH
SJ70146	PH	9045	93/12/30	94/01/06	7.8600 PH
SJ70147	PH	9045	93/12/30	94/01/06	8.1600 PH
SJ70148	PH	9045	93/12/30	94/01/06	7.7100 PH
SJ70149	PH	9045	93/12/30	94/01/06	7.5000 PH
SJ70150	PH	9045	94/01/03	94/01/06	8.4000 PH
SJ70151	PH	9045	94/01/03	94/01/06	8.2800 PH
SJ70152	PH	9045	94/01/03	94/01/06	7.0800 PH

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 1

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	2.20	(5.00)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67073	CONDUCTIVITY	9050	93/12/08	93/12/15	247.0000 UMHOS/CM
SJ67074	CONDUCTIVITY	9050	93/12/08	93/12/15	1250.0000 UMHOS/CM
SJ67075	CONDUCTIVITY	9050	93/12/08	93/12/15	912.0000 UMHOS/CM
SJ67076	CONDUCTIVITY	9050	93/12/08	93/12/15	2320.0000 UMHOS/CM
SJ67123	CONDUCTIVITY	9050	93/12/09	93/12/15	1870.0000 UMHOS/CM
SJ67124	CONDUCTIVITY	9050	93/12/09	93/12/15	722.0000 UMHOS/CM
SJ67125	CONDUCTIVITY	9050	93/12/09	93/12/15	1120.0000 UMHOS/CM
SJ67126	CONDUCTIVITY	9050	93/12/09	93/12/15	827.0000 UMHOS/CM

BATCH: 2

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.70	(5.00)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67376	CONDUCTIVITY	9050	93/12/13	93/12/22	1280.0000 UMHOS/CM
SJ67377	CONDUCTIVITY	9050	93/12/13	93/12/22	699.0000 UMHOS/CM
SJ67378	CONDUCTIVITY	9050	93/12/13	93/12/22	474.0000 UMHOS/CM
SJ67379	CONDUCTIVITY	9050	93/12/13	93/12/22	624.0000 UMHOS/CM
SJ67380	CONDUCTIVITY	9050	93/12/14	93/12/22	976.0000 UMHOS/CM
SJ67381	CONDUCTIVITY	9050	93/12/14	93/12/22	2670.0000 UMHOS/CM
SJ67382	CONDUCTIVITY	9050	93/12/14	93/12/22	560.0000 UMHOS/CM
SJ67429	CONDUCTIVITY	9050	93/12/17	93/12/22	50.0000 UMHOS/CM
SJ67430	CONDUCTIVITY	9050	93/12/17	93/12/22	53.0000 UMHOS/CM
SJ67431	CONDUCTIVITY	9050	93/12/17	93/12/22	2380.0000 UMHOS/CM

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 3

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.10	(5.00)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ67598	CONDUCTIVITY	9050	93/12/20	93/12/30	2370.0000 UMHOS/CM
SJ67599	CONDUCTIVITY	9050	93/12/20	93/12/30	903.0000 UMHOS/CM
SJ67600	CONDUCTIVITY	9050	93/12/20	93/12/30	596.0000 UMHOS/CM
SJ67601	CONDUCTIVITY	9050	93/12/20	93/12/30	831.0000 UMHOS/CM
SJ67602	CONDUCTIVITY	9050	93/12/21	93/12/30	276.0000 UMHOS/CM
SJ67603	CONDUCTIVITY	9050	93/12/21	93/12/30	360.0000 UMHOS/CM
SJ67604	CONDUCTIVITY	9050	93/12/21	93/12/30	820.0000 UMHOS/CM
SJ67680	CONDUCTIVITY	9050	93/12/27	93/12/30	624.0000 UMHOS/CM
SJ67681	CONDUCTIVITY	9050	93/12/27	93/12/30	668.0000 UMHOS/CM
SJ67682	CONDUCTIVITY	9050	93/12/27	93/12/30	541.0000 UMHOS/CM
SJ67683	CONDUCTIVITY	9050	93/12/27	93/12/30	489.0000 UMHOS/CM
SJ67703	CONDUCTIVITY	9050	93/12/29	93/12/30	2750.0000 UMHOS/CM

BATCH: 4

LAB QA RESULTS:

METHOD BLANK	NA	
AVERAGE PERCENT RECOVERY (QA LIMITS)	NA	
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	3.50	(5.00)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT
SJ70145	CONDUCTIVITY	9050	93/12/30	94/01/06	1350.0000 UMHOS/CM
SJ70146	CONDUCTIVITY	9050	93/12/30	94/01/06	2830.0000 UMHOS/CM
SJ70147	CONDUCTIVITY	9050	93/12/30	94/01/06	1850.0000 UMHOS/CM
SJ70148	CONDUCTIVITY	9050	93/12/30	94/01/06	1200.0000 UMHOS/CM
SJ70149	CONDUCTIVITY	9050	93/12/30	94/01/06	370.0000 UMHOS/CM
SJ70150	CONDUCTIVITY	9050	94/01/03	94/01/06	760.0000 UMHOS/CM
SJ70151	CONDUCTIVITY	9050	94/01/03	94/01/06	1140.0000 UMHOS/CM
SJ70152	CONDUCTIVITY	9050	94/01/03	94/01/06	3300.0000 UMHOS/CM

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 1

LAB QA RESULTS:

METHOD BLANK	< 0.010	
AVERAGE PERCENT RECOVERY (QA LIMITS)	101.40	(66.00 - 135.80)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.00	(8.08)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67073	NITRATE NITROGEN	300	93/12/08	93/12/28	1.5200 MG/L	N
SJ67074	NITRATE NITROGEN	300	93/12/08	93/12/28	0.1200 MG/L	N
SJ67075	NITRATE NITROGEN	300	93/12/08	93/12/28	0.1400 MG/L	N
SJ67076	NITRATE NITROGEN	300	93/12/08	93/12/28	0.3000 MG/KG	N
SJ67123	NITRATE NITROGEN	300	93/12/09	93/12/28	1.3800 MG/L	N
SJ67124	NITRATE NITROGEN	300	93/12/09	93/12/28	0.3400 MG/L	N
SJ67125	NITRATE NITROGEN	300	93/12/09	93/12/28	0.1600 MG/L	N
SJ67126	NITRATE NITROGEN	300	93/12/09	93/12/28	0.2700 MG/L	N

BATCH: 2

LAB QA RESULTS:

METHOD BLANK	0.010	
AVERAGE PERCENT RECOVERY (QA LIMITS)	98.80	(66.00 - 135.80)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.50	(8.08)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67376	NITRATE NITROGEN	300	93/12/13	93/12/28	0.3900 MG/L	N
SJ67377	NITRATE NITROGEN	300	93/12/13	93/12/28	0.4900 MG/L	N
SJ67378	NITRATE NITROGEN	300	93/12/13	93/12/28	0.7400 MG/L	N
SJ67379	NITRATE NITROGEN	300	93/12/13	93/12/28	1.2100 MG/L	N
SJ67380	NITRATE NITROGEN	300	93/12/14	93/12/28	0.3500 MG/L	N
SJ67381	NITRATE NITROGEN	300	93/12/14	93/12/28	7.7400 MG/L	N
SJ67382	NITRATE NITROGEN	300	93/12/14	93/12/28	0.3100 MG/KG	N
SJ67429	NITRATE NITROGEN	300	93/12/17	93/12/28	0.2000 MG/L	N
SJ67430	NITRATE NITROGEN	300	93/12/17	93/12/28	0.3000 MG/L	N
SJ67431	NITRATE NITROGEN	300	93/12/17	93/12/28	0.8000 MG/L	N

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 3

LAB QA RESULTS:

METHOD BLANK	< 0.020	
AVERAGE PERCENT RECOVERY (QA LIMITS)	101.90	(66.00 - 135.80)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.60	(8.08)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE		TEST RESULT	
SJ67598	NITRATE NITROGEN	300	93/12/20	94/01/05		0.4100 MG/L	N
SJ67599	NITRATE NITROGEN	300	93/12/20	94/01/05		0.1100 MG/L	N
SJ67600	NITRATE NITROGEN	300	93/12/20	94/01/05		0.1300 MG/L	N
SJ67601	NITRATE NITROGEN	300	93/12/20	94/01/05		0.1200 MG/L	N
SJ67602	NITRATE NITROGEN	300	93/12/21	94/01/05		0.0500 MG/L	N
SJ67603	NITRATE NITROGEN	300	93/12/21	94/01/05		0.0600 MG/L	N
SJ67604	NITRATE NITROGEN	300	93/12/21	94/01/05	<	1.0000 MG/KG	N
SJ67680	NITRATE NITROGEN	300	93/12/27	94/01/05		1.2000 MG/L	N
SJ67681	NITRATE NITROGEN	300	93/12/27	94/01/05		1.7200 MG/L	N
SJ67682	NITRATE NITROGEN	300	93/12/27	94/01/05		1.4200 MG/L	N
SJ67683	NITRATE NITROGEN	300	93/12/27	94/01/05		1.9000 MG/L	N
SJ67703	NITRATE NITROGEN	300	93/12/29	94/01/05		2.2700 MG/L	N

BATCH: 4

LAB QA RESULTS:

METHOD BLANK	< 0.020	
AVERAGE PERCENT RECOVERY (QA LIMITS)	101.40	(66.00 - 135.80)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	1.10	(8.08)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE		TEST RESULT	
SJ70145	NITRATE NITROGEN	300	93/12/30	94/01/14		5.9300 MG/L	N
SJ70146	NITRATE NITROGEN	300	93/12/30	94/01/14		16.2000 MG/L	N
SJ70147	NITRATE NITROGEN	300	93/12/30	94/01/14		0.2900 MG/L	N
SJ70148	NITRATE NITROGEN	300	93/12/30	94/01/14		0.3600 MG/L	N
SJ70149	NITRATE NITROGEN	300	93/12/30	94/01/14	<	1.0000 MG/KG	N
SJ70150	NITRATE NITROGEN	300	94/01/03	94/01/14		2.2900 MG/L	N
SJ70151	NITRATE NITROGEN	300	94/01/03	94/01/14		0.3000 MG/L	N
SJ70152	NITRATE NITROGEN	300	94/01/03	94/01/14		0.1800 MG/L	N

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 1

LAB QA RESULTS:

METHOD BLANK	< 1.000	
AVERAGE PERCENT RECOVERY (QA LIMITS)	103.80	(71.20 - 121.00)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.20	(12.85)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67073	SULFATE	300	93/12/08	93/12/28	17.0000 MG/L	SO4
SJ67074	SULFATE	300	93/12/08	93/12/28	726.0000 MG/L	SO4
SJ67075	SULFATE	300	93/12/08	93/12/28	460.0000 MG/L	SO4
SJ67076	SULFATE	300	93/12/08	93/12/28	2300.0000 MG/KG	SO4
SJ67123	SULFATE	300	93/12/09	93/12/28	1720.0000 MG/L	SO4
SJ67124	SULFATE	300	93/12/09	93/12/28	783.0000 MG/L	SO4
SJ67125	SULFATE	300	93/12/09	93/12/28	868.0000 MG/L	SO4
SJ67126	SULFATE	300	93/12/09	93/12/28	551.0000 MG/L	SO4

BATCH: 2

LAB QA RESULTS:

METHOD BLANK	< 1.000	
AVERAGE PERCENT RECOVERY (QA LIMITS)	99.00	(71.20 - 121.00)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.60	(12.85)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67376	SULFATE	300	93/12/13	93/12/28	1170.0000 MG/L	SO4
SJ67377	SULFATE	300	93/12/13	93/12/28	477.0000 MG/L	SO4
SJ67378	SULFATE	300	93/12/13	93/12/28	445.0000 MG/L	SO4
SJ67379	SULFATE	300	93/12/13	93/12/28	522.0000 MG/L	SO4
SJ67380	SULFATE	300	93/12/14	93/12/28	459.0000 MG/L	SO4
SJ67381	SULFATE	300	93/12/14	93/12/28	2940.0000 MG/L	SO4
SJ67382	SULFATE	300	93/12/14	93/12/28	380.0000 MG/KG	SO4
SJ67429	SULFATE	300	93/12/17	93/12/28	2.0000 MG/L	SO4
SJ67430	SULFATE	300	93/12/17	93/12/28	2.0000 MG/L	SO4
SJ67431	SULFATE	300	93/12/17	93/12/28	117.0000 MG/L	SO4

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 3

LAB QA RESULTS:

METHOD BLANK	< 0.100	
AVERAGE PERCENT RECOVERY (QA LIMITS)	96.90	(71.20 - 121.00)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.40	(12.85)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67598	SULFATE	300	93/12/20	94/01/05	3070.0000 MG/L	SO4
SJ67599	SULFATE	300	93/12/20	94/01/05	267.0000 MG/L	SO4
SJ67600	SULFATE	300	93/12/20	94/01/05	345.0000 MG/L	SO4
SJ67601	SULFATE	300	93/12/20	94/01/05	448.0000 MG/L	SO4
SJ67602	SULFATE	300	93/12/21	94/01/05	141.0000 MG/L	SO4
SJ67603	SULFATE	300	93/12/21	94/01/05	203.0000 MG/L	SO4
SJ67604	SULFATE	300	93/12/21	94/01/05	670.0000 MG/KG	SO4
SJ67680	SULFATE	300	93/12/27	94/01/05	379.0000 MG/L	SO4
SJ67681	SULFATE	300	93/12/27	94/01/05	339.0000 MG/L	SO4
SJ67682	SULFATE	300	93/12/27	94/01/05	399.0000 MG/L	SO4
SJ67683	SULFATE	300	93/12/27	94/01/05	250.0000 MG/L	SO4
SJ67703	SULFATE	300	93/12/29	94/01/05	6570.0000 MG/L	SO4

BATCH: 4

LAB QA RESULTS:

METHOD BLANK	< 0.100	
AVERAGE PERCENT RECOVERY (QA LIMITS)	108.60	(71.20 - 121.00)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.20	(12.85)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ70145	SULFATE	300	93/12/30	94/01/14	386.0000 MG/L	SO4
SJ70146	SULFATE	300	93/12/30	94/01/14	745.0000 MG/L	SO4
SJ70147	SULFATE	300	93/12/30	94/01/14	241.0000 MG/L	SO4
SJ70148	SULFATE	300	93/12/30	94/01/14	302.0000 MG/L	SO4
SJ70149	SULFATE	300	93/12/30	94/01/14	340.0000 MG/KG	SO4
SJ70150	SULFATE	300	94/01/03	94/01/14	364.0000 MG/L	SO4
SJ70151	SULFATE	300	94/01/03	94/01/14	319.0000 MG/L	SO4
SJ70152	SULFATE	300	94/01/03	94/01/14	6700.0000 MG/L	SO4

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 1

LAB QA RESULTS:

METHOD BLANK	< 1.000	
AVERAGE PERCENT RECOVERY (QA LIMITS)	107.20	(75.70 - 139.50)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	1.50	(11.90)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67073	CHLORIDE	300	93/12/08	93/12/28	59.0000 MG/L	CL
SJ67074	CHLORIDE	300	93/12/08	93/12/28	38.0000 MG/L	CL
SJ67075	CHLORIDE	300	93/12/08	93/12/28	25.0000 MG/L	CL
SJ67076	CHLORIDE	300	93/12/08	93/12/28	17.0000 MG/KG	CL
SJ67123	CHLORIDE	300	93/12/09	93/12/28	22.0000 MG/L	CL
SJ67124	CHLORIDE	300	93/12/09	93/12/28	69.0000 MG/L	CL
SJ67125	CHLORIDE	300	93/12/09	93/12/28	52.0000 MG/L	CL
SJ67126	CHLORIDE	300	93/12/09	93/12/28	59.0000 MG/L	CL

BATCH: 2

LAB QA RESULTS:

METHOD BLANK	< 1.000	
AVERAGE PERCENT RECOVERY (QA LIMITS)	103.30	(75.70 - 139.50)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.70	(11.90)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67376	CHLORIDE	300	93/12/13	93/12/28	43.0000 MG/L	CL
SJ67377	CHLORIDE	300	93/12/13	93/12/28	56.0000 MG/L	CL
SJ67378	CHLORIDE	300	93/12/13	93/12/28	44.0000 MG/L	CL
SJ67379	CHLORIDE	300	93/12/13	93/12/28	30.0000 MG/L	CL
SJ67380	CHLORIDE	300	93/12/14	93/12/28	48.0000 MG/L	CL
SJ67381	CHLORIDE	300	93/12/14	93/12/28	302.0000 MG/L	CL
SJ67382	CHLORIDE	300	93/12/14	93/12/28	31.0000 MG/KG	CL
SJ67429	CHLORIDE	300	93/12/17	93/12/28	6.0000 MG/L	CL
SJ67430	CHLORIDE	300	93/12/17	93/12/28	6.0000 MG/L	CL
SJ67431	CHLORIDE	300	93/12/17	93/12/28	24.0000 MG/L	CL
SJ67598	CHLORIDE	300	93/12/20	94/01/05	113.0000 MG/L	CL

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC DATA FOR AHCP SOIL SAMPLES
GENERAL PARAMETERS

PALOS VERDES LANDFILL - DPRIR ADDENDUM

BATCH: 3

LAB QA RESULTS:

METHOD BLANK	< 0.100	
AVERAGE PERCENT RECOVERY (QA LIMITS)	99.70	(75.70 - 139.50)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	0.90	(11.90)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ67599	CHLORIDE	300	93/12/20	94/01/05	96.9000 MG/L	CL
SJ67600	CHLORIDE	300	93/12/20	94/01/05	35.2000 MG/L	CL
SJ67601	CHLORIDE	300	93/12/20	94/01/04	83.5000 MG/L	CL
SJ67602	CHLORIDE	300	93/12/21	94/01/05	26.1000 MG/L	CL
SJ67603	CHLORIDE	300	93/12/21	94/01/05	30.8000 MG/L	CL
SJ67604	CHLORIDE	300	93/12/21	94/01/05	4.7000 MG/KG	CL
SJ67680	CHLORIDE	300	93/12/27	94/01/05	22.8000 MG/L	CL
SJ67681	CHLORIDE	300	93/12/27	94/01/05	21.4000 MG/L	CL
SJ67682	CHLORIDE	300	93/12/27	94/01/05	18.1000 MG/L	CL
SJ67683	CHLORIDE	300	93/12/27	94/01/05	16.0000 MG/L	CL
SJ67703	CHLORIDE	300	93/12/29	94/01/05	212.0000 MG/L	CL

BATCH: 4

LAB QA RESULTS:

METHOD BLANK	< 0.100	
AVERAGE PERCENT RECOVERY (QA LIMITS)	102.60	(75.70 - 139.50)
RELATIVE PERCENT DIFFERENCE (QA LIMIT)	1.80	(11.90)

SAMPLE ANALYSIS RESULTS:

SAMPLE NUMBER	TEST NAME	EPA METHOD	SAMPLE DATE	ANALYSIS DATE	TEST RESULT	
SJ70145	CHLORIDE	300	93/12/30	94/01/14	320.0000 MG/L	CL
SJ70146	CHLORIDE	300	93/12/30	94/01/14	688.0000 MG/L	CL
SJ70147	CHLORIDE	300	93/12/30	94/01/14	682.0000 MG/L	CL
SJ70148	CHLORIDE	300	93/12/30	94/01/14	270.0000 MG/L	CL
SJ70149	CHLORIDE	300	93/12/30	94/01/14	200.0000 MG/KG	CL
SJ70150	CHLORIDE	300	94/01/03	94/01/14	94.0000 MG/L	CL
SJ70151	CHLORIDE	300	94/01/03	94/01/14	82.5000 MG/L	CL
SJ70152	CHLORIDE	00	94/01/03	94/01/14	224.0000 MG/L	CL

* - Exceedance of QA limits
NA - Not Applicable or Not Available

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67073	12/08/93	12/15/93	01/04/94
SJ67074	12/08/93	12/15/93	01/04/94
SJ67075	12/08/93	12/15/93	01/04/94
SJ67123	12/09/93	12/15/93	01/04/94
SJ67124	12/09/93	12/15/93	01/04/94
SJ67125	12/09/93	12/15/93	01/04/94
SJ67126	12/09/93	12/15/93	01/04/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >W0267 QUANT DATE: 9401051802 INJ TIME: 9401051724
SAMPLE NAME: SJ 67124 ,LPVLFAHCPN
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 4
LAST EDIT FILE TIME: 3:53 PM THU., 6 JAN., 1994

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
S01	ND	ND	ND	ND	100	ND
S02	47	28	43	39	100	39
S03	30	23	36	30	50	59
S04	35	27	36	33	50	66
S05	40	38	43	40	50	81
S06	97	95	91	94	100	94
S07	47	48	47	47	50	95

The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
800	40	37	ND	39	50	77	63-109	OK	7	0-22	OK
821	38	26	ND	32	50	64	48-115	OK	39	0-24	**
826	ND	27	ND	13	50	27	57-124	**	200	0-22	**
841	35	28	ND	31	50	62	56-117	OK	23	0-29	OK
843	40	42	ND	41	50	81	41-129	OK	4	0-18	OK
845	33	23	ND	28	50	56	57-104	**	35	0-23	**
846	42	32	ND	37	50	73	53-119	OK	28	0-26	**
852	ND	ND	ND	ND	50	ND	49-128	**	N/A	0-21	NA
853	32	32	ND	32	50	65	63-112	OK	1	0-27	OK
854	16	14	ND	15	50	30	47-136	**	14	0-30	OK
855	16	9	ND	13	50	25	45-113	**	58	0-34	**

THE RECOVERIES OF ALL SPIKED COMPOUNDS ARE OK IN QC CHECK STANDARD

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U4988 QUANT DATE: 9401041444 INJ TIME: 940104140B
SAMPLE NAME: SJ 12B22[illegible]BBLANK
MISC: 1000 931222 931222 IS#14 SUR#27 BTL# 7
LASTEDIT FILE TIME: 2:47 PM TUE., 4 JAN., 1994

ANALYZED BY: Ruth Schneider VERIFIED BY:

TEST COMPOUND CODE #		AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		LBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	4	<	4
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	5.28 PP	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	9	<	9	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
899 Phenol	ND	3	<	3	
896 2,4,6-Trichlorophenol	ND	2	<	2	
897 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >U4988 SAMPLE NAME: SJ 12822L BBLANK
EXTRACTION DATE: 12-22-93 INJECTION DATE: 01-04-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	%REC (%)	%REC RANGE (%)	MRK
S01 2-Fluorophenol	80.89	100.00	81	22-119	UK
S02 Phenol-d5	83.82	100.00	84	23-111	UK
S03 Nitrobenzene-d5	45.04	50.00	90	62-122	UK
S04 Decafluorobiphen	29.89	50.00	60	------	UK
S05 2-Fluorobiphenyl	45.09	50.00	90	56-124	UK
S06 2,4,6-Tribromoph	84.79	100.00	85	40-190	UK
S07 p-Terphenyl-d14	33.30	50.00	67	33-133	UK

Initial Volume is 1000 ML

DATA FILE:	^U4988		^U4981		
	SAMPLE	1/2 X AREA	STANDARD AREA	2X AREA	MRK
INTERNAL STANDARD	AREA				
S20 1,4-Dichlorobenzen	39299	19649	39298	78196	UK

S21	Naphthalene-d8	197497	88931	177062	354124	OK
S22	Acenaphthene-d10	99979	55725	111450	222900	OK
S23	Phenanthrene-d10	218174	113722	227443	454886	OK
S24	Chrysene-d12	215973	111437	222874	445748	OK
S25	Perylene-d12	243211	122848	245695	491390	OK

INTERNAL STANDARD		SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20	1,4-Dichlorobenzen	7.27	6.78	7.28	7.78	OK
S21	Naphthalene-d8	10.49	9.98	10.48	10.98	OK
S22	Acenaphthene-d10	14.79	14.30	14.80	15.30	OK
S23	Phenanthrene-d10	18.35	17.86	18.36	18.86	OK
S24	Chrysene-d12	24.89	24.40	24.90	25.40	OK
S25	Perylene-d12	28.28	27.81	28.31	28.81	OK

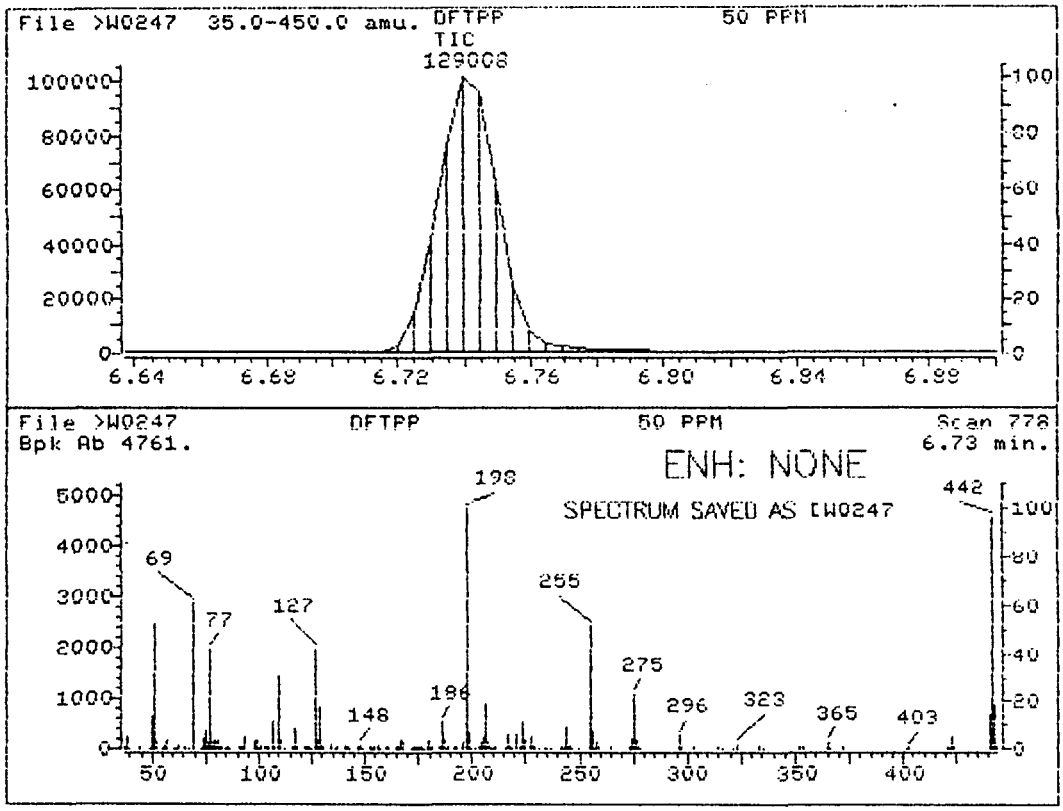
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	52.07	52.07	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	60.34	60.34	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	41.40	41.40	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.53	6.53	Ok
275	10-30% of mass 198	23.21	23.21	Ok
365	Greater than 1% of mass 198	2.77	2.77	Ok
441	0-100% of mass 443	14.45	77.13	Ok
442	Greater than 40% of mass 198	96.24	96.24	Ok
443	17-23% of mass 442	18.74	19.47	Ok

Injection Date: 01/04/94
Injection Time: 09:49
Data File: >W0247
Scan: 778

12/08 P
JAN. 4



>W0247 DFTPP 50 PPM
778 NRM

File: >W0247 Scan #: 778 Retn. time: 6.73

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.00	.735	98.05	3.655	154.00	.504	203.00	.777	258.05	2.857
39.00	5.356	98.95	3.655	155.00	1.050	204.00	2.457	259.05	.693
39.90	.630	99.95	.378	156.10	1.869	205.00	5.041	264.35	.252
44.10	1.449	100.95	1.911	156.90	.378	206.00	18.904	265.05	1.176
49.15	.588	103.05	.840	157.60	.315	207.10	2.794	273.05	1.470
50.05	13.926	104.05	1.197	157.80	.315	208.10	.945	274.05	4.285
51.05	52.069	105.05	1.134	160.00	.672	208.90	.315	275.05	23.209
52.05	2.794	107.05	11.930	161.00	1.197	209.10	.336	276.05	3.361
55.05	.630	108.05	1.365	165.00	.693	210.20	.378	277.05	1.659
56.05	1.659	110.05	30.288	166.00	.819	210.90	1.113	278.05	.399
57.05	3.970	110.95	3.823	167.00	3.907	215.90	.567	296.05	5.713
61.05	.441	112.15	.483	168.10	2.723	217.00	6.175	297.05	.924
61.95	.546	116.05	1.008	172.00	.567	218.00	.693	302.95	.672
63.05	1.869	117.05	8.759	173.00	.714	219.00	.483	314.95	.819
65.15	.945	117.85	.798	174.10	1.050	221.10	6.112	316.05	.630
67.05	.357	121.95	.714	175.10	1.449	222.90	1.134	321.00	.210
67.35	.294	122.95	1.302	176.00	.777	224.00	12.161	323.10	2.247
69.05	60.344	124.05	.672	177.00	1.008	225.00	3.340	334.10	1.701
73.05	.441	124.85	.504	177.70	.273	227.05	5.167	335.20	.357
74.05	4.075	126.95	41.399	178.00	.315	228.15	.672	352.10	.714
75.05	7.666	128.05	3.613	179.10	3.193	229.05	1.092	354.20	.798
76.15	2.499	128.95	17.475	180.00	1.932	231.15	.588	365.00	2.773
77.15	41.567	129.95	1.575	181.00	1.029	233.95	.504	366.10	.567
78.15	2.920	130.95	.735	185.00	1.281	234.95	.399	372.10	.987
79.05	3.445	134.95	1.512	186.00	11.573	237.05	.462	402.10	.504
79.95	2.310	136.20	.588	187.10	3.403	242.05	.714	403.00	.819
81.05	3.907	137.10	.840	188.20	.399	243.05	.630	421.15	.693
82.05	.987	141.10	1.995	189.00	.840	244.05	9.536	422.15	.588
83.05	.861	142.10	.987	191.90	1.008	245.05	1.533	423.15	4.894
84.85	.420	142.90	.609	193.00	1.008	246.05	2.184	424.05	1.155
86.05	1.092	146.90	.756	196.00	3.004	246.95	.462	441.15	14.451
87.05	.441	147.20	.777	198.00	100.000	249.05	.399	442.15	96.240
90.95	1.008	148.00	2.163	199.00	6.532	255.05	50.998	443.15	18.736
91.95	.903	149.10	.609	200.00	.546	256.05	7.540	444.15	2.016
92.95	5.293	153.10	.987	201.40	.609	257.15	.546		

GC/MS PERFORMANCE STANDARD

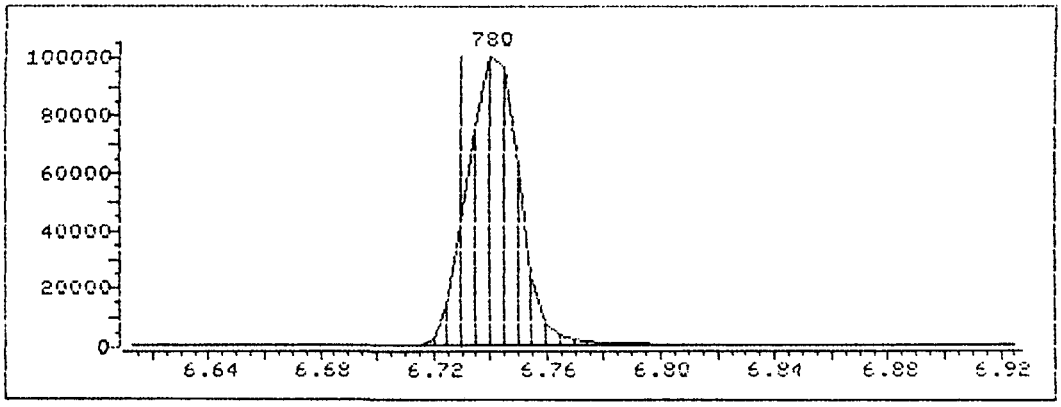
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	61.23	61.23	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	69.43	69.43	Ok
70	Less than 2% of mass 69	.34	.48	Ok
127	40-60% of mass 198	39.25	39.25	No Good
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.06	6.06	Ok
275	10-30% of mass 198	21.77	21.77	Ok
365	Greater than 1% of mass 198	2.27	2.27	Ok
441	0-100% of mass 443	9.87	72.11	Ok
442	Greater than 40% of mass 198	74.96	74.96	Ok
443	17-23% of mass 442	13.69	18.27	Ok

Injection Date: 01/04/94
Injection Time: 09:49
Data File: >W0247
Scan: 780

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TW0247	5970	3/16/93 12:34

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	67	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

This tune file has been APPENDED to the tune report file DW0247 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0247 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DW0247 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >W0248 QUANT DATE: 9401041102 INJ TIME: 9401041027
SAMPLE NAME: DCS-71
MISC: 1000 931122 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 11:06 AM TUE., 4 JAN., 1994

ANALYZED BY: VERIFIED BY:

DATA FILE: ^W0248 ^W0233

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	6787	3072	6154	12308	OK
S21 Naphthalene-d8	39287	17900	35799	71598	OK
S22 Acenaphthene-d10	30036	12883	25765	51530	OK
S23 Phenanthrene-d10	70235	29711	59422	118844	OK
S24 Chrysene-d12	83276	35579	71158	142316	OK
S25 Perylene-d12	96801	41680	83360	166720	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.33	6.85	7.35	7.85	OK
S21 Naphthalene-d8	10.52	10.05	10.55	11.05	OK
S22 Acenaphthene-d10	14.86	14.39	14.89	15.39	OK
S23 Phenanthrene-d10	18.49	18.02	18.52	19.02	OK
S24 Chrysene-d12	25.03	24.58	25.08	25.58	OK
S25 Perylene-d12	28.48	28.03	28.53	29.03	OK

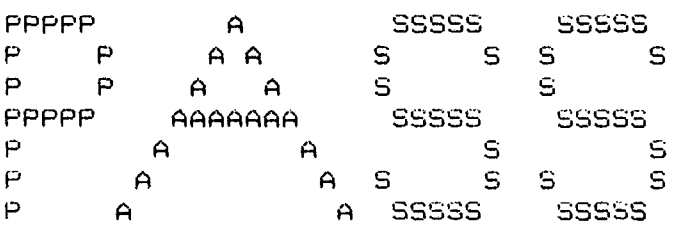
SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^W0248 CALIBRATION FILE: CLIB2
VERIFICATION TIME: 11:06 AM TUE., 4 JAN., 1994

	COUMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.58336	.62909	7.84			
855	Phenol	1.63353	1.91342	17.13	*		
810	Bis(2-chloroethyl)ether	1.28213	1.43533	11.95			
845	2-Chlorophenol	1.24205	1.31192	5.63			
820	1,3-Dichlorobenzene	1.40752	1.36414	3.08			
821	1,4-Dichlorobenzene	1.49104	1.39973	6.12	*		
819	1,2-Dichlorobenzene	1.55274	1.47682	4.89			
811	Bis(2chloroisopropyl)ether	.33862	.41868	23.65			
835	Hexachloroethane	.75114	.70912	5.59			
841	N-Nitroso-di-n-propylamine	1.47644	1.70832	15.71		**	
839	Nitrobenzene	.09694	.14250	47.00			
837	Isophorone	.88249	.90929	3.04			
851	2-Nitrophenol	.14140	.15694	10.99	*		
848	2,4-Dimethylphenol	.39049	.41589	6.50			
809	Bis(2-chloroethoxy)methane	.51907	.51252	1.26			
847	2,4-Dichlorophenol	.25997	.29673	14.14	*		
846	1,2,4-Trichlorobenzene	.29926	.29270	2.19			
838	Naphthalene	1.02841	.95433	7.20			
833	Hexachlorobutadiene	.19350	.20723	7.10	*		
853	4-Chloro-3-methylphenol	.44111	.49651	12.56	*		
834	Hexchlor1,3cyclopentadiene	.15963	.21856	36.92		**	
856	2,4,6-Trichlorophenol	.35959	.38487	7.03	*		
815	2-Chloronaphthalene	1.10845	1.04496	5.73			
801	Acenaphthylene	1.95667	1.86587	4.64			
824	Dimethylphthalate	1.50640	1.51655	.67			
827	2,6-Dinitrotoluene	.23209	.29056	25.19			
800	Acenaphthene	1.27183	1.19995	5.65	*		
849	2,4-Dinitrophenol	.08794	.11187	27.20		**	
826	2,4-Dinitrotoluene	.36828	.48235	30.97			
852	4-Nitrophenol	.20041	.25372	26.60		**	
831	Fluorene	1.40751	1.39028	1.22			
816	4-Chlorophenylphenylether	.63357	.61582	2.80			
823	Diethylphthalate	1.76861	1.69034	4.43			
850	2-Methyl-4,6-dinitrophenol	.09394	.10898	16.02			
857	N-Nitrosodiphenylamine	.41181	.36022	12.53	*		
829	1,2-Diphenylhydrazine	.15467	.13908	10.08			
813	4-Bromophenylphenylether	.17737	.17172	3.19			
832	Hexachlorobenzene	.25773	.27323	6.01			
854	Pentachlorophenol	.15710	.17029	8.39	*		
842	Phenanthrene	1.07193	1.00171	6.55			
802	Anthracene	1.04884	1.03989	.85			
825	Di-n-butylphthalate	1.61578	1.45780	9.78			
830	Fluoranthene	1.35248	1.33119	1.57	*		
843	Pyrene	1.18816	1.20110	1.09			

803	Benzidine	.14165	.37323	163.49	
844	1,2,3,4-TCDD (2,3,7,8)	.19127	.23813	24.50	
814	Butylbenzylphthalate	.71366	.67349	5.63	
804	Benzo(A)anthracene	1.10003	1.06887	2.83	
817	Chrysene	1.23421	1.24853	1.16	
822	3,3-Dichlorobenzidine	.35465	.45105	27.18	
812	Bis(2-ethylhexyl)phthalate	1.04777	.94963	9.37	
828	Di-n-octylphthalate	1.64989	1.64431	.34	*
806	Benzo(B)fluoranthene	1.05149	.93311	11.26	
808	Benzo(K)fluoranthene	1.25742	1.29933	3.33	
805	Benzo(A)pyrene	1.12724	1.05642	6.28	*
836	Indeno(1,2,3-CD)pyrene	.74710	.70520	5.61	
818	Dibenzo(A,H)anthracene	.90137	.88014	2.36	
807	Benzo(G,H,I)perylene	.91797	.92057	.28	



** The output from STCHK and SAREA has been spooled into the file called KW0248 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0248 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 33.80
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DCS report file KW0248 .

Operator ID: TRFIL Quant Rev: 7 Quant Time: 940104 11:09
Output File: ^W0248::D4 Injected at: 940104 10:27
Data File: >W0248::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0248::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940104 10:27

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	7.33	349	6787	40.00	ng/ul	95
2)	840 N-Nitrosodimethylamine	1.61	34	5337	50.00	ng/ul	88
3)	S01 2-Fluorophenol	4.06	169	10420	100.00	ng/ul	97
4)	S02 Phenol-d5	7.00	331	22833	100.00	ng/ul	91
5)	855 Phenol	7.02	332	16233	50.00	ng/ul	93
6)	810 Bis(2-chloroethyl)ether	6.89	325	12177	50.00	ng/ul	99
7)	845 2-Chlorophenol	6.91	326	11130	50.00	ng/ul	96
8)	820 1,3-Dichlorobenzene	7.15	339	11573	50.00	ng/ul	91
9)	821 1,4-Dichlorobenzene	7.36	351	11875	50.00	ng/ul	96
10)	819 1,2-Dichlorobenzene	7.73	371	12529	50.00	ng/ul	89
11)	811 Bis(2chloroisopropyl)ether	8.29	402	3552	50.00	ng/ul	96
12)	835 Hexachloroethane	8.52	415	6016	50.00	ng/ul	90
13)	841 N-Nitroso-di-n-propylamine	8.63	421	14493	50.00	ng/ul	95
14)	*S21 Naphthalene-d8	10.52	525	39287	40.00	ng/ul	96
15)	S03 Nitrobenzene-d5	8.81	431	6028	50.00	ng/ul	97
16)	839 Nitrobenzene	8.87	434	6998	50.00	ng/ul	90
17)	837 Isophorone	9.56	472	44654	50.00	ng/ul	99
18)	S04 Decafluorobiphenyl	9.43	465	18811	50.00	ng/ul	94
19)	851 2-Nitrophenol	9.67	478	7707	50.00	ng/ul	91
20)	848 2,4-Dimethylphenol	10.16	505	20424	50.00	ng/ul	94
21)	809 Bis(2-chloroethoxy)methane	10.27	511	25169	50.00	ng/ul	95
22)	847 2,4-Dichlorophenol	10.41	519	14572	50.00	ng/ul	90
23)	846 1,2,4-Trichlorobenzene	10.43	520	14374	50.00	ng/ul	92
24)	838 Naphthalene	10.56	527	23433	25.00	ng/ul	98
25)	833 Hexachlorobutadiene	10.99	551	10177	50.00	ng/ul	91
26)	853 4-Chloro-3-methylphenol	12.41	629	24383	50.00	ng/ul	95
27)	*S22 Acenaphthene-d10	14.86	764	30036	40.00	ng/ul	91
28)	834 Hexchlor1,3cyclopentadiene	12.75	648	8206	50.00	ng/ul	96
29)	856 2,4,6-Trichlorophenol	13.19	672	14450	50.00	ng/ul	93
30)	S05 2-Fluorobiphenyl	13.35	681	36763	50.00	ng/ul	89
31)	815 2-Chloronaphthalene	13.50	689	39233	50.00	ng/ul	99
32)	801 Acenaphthylene	14.47	743	35027	25.00	ng/ul	98
33)	824 Dimethylphthalate	14.55	747	56939	50.00	ng/ul	98
34)	827 2,6-Dinitrotoluene	14.64	752	10909	50.00	ng/ul	67
35)	800 Acenaphthene	14.93	768	22526	25.00	ng/ul	94
36)	849 2,4-Dinitrophenol	15.27	787	4200	50.00	ng/ul	74
37)	826 2,4-Dinitrotoluene	15.60	805	18110	50.00	ng/ul	88
38)	852 4-Nitrophenol	15.85	819	9526	50.00	ng/ul	84
39)	831 Fluorene	16.22	839	26099	25.00	ng/ul	97
40)	816 4-Chlorophenylphenylether	16.36	847	23121	50.00	ng/ul	93

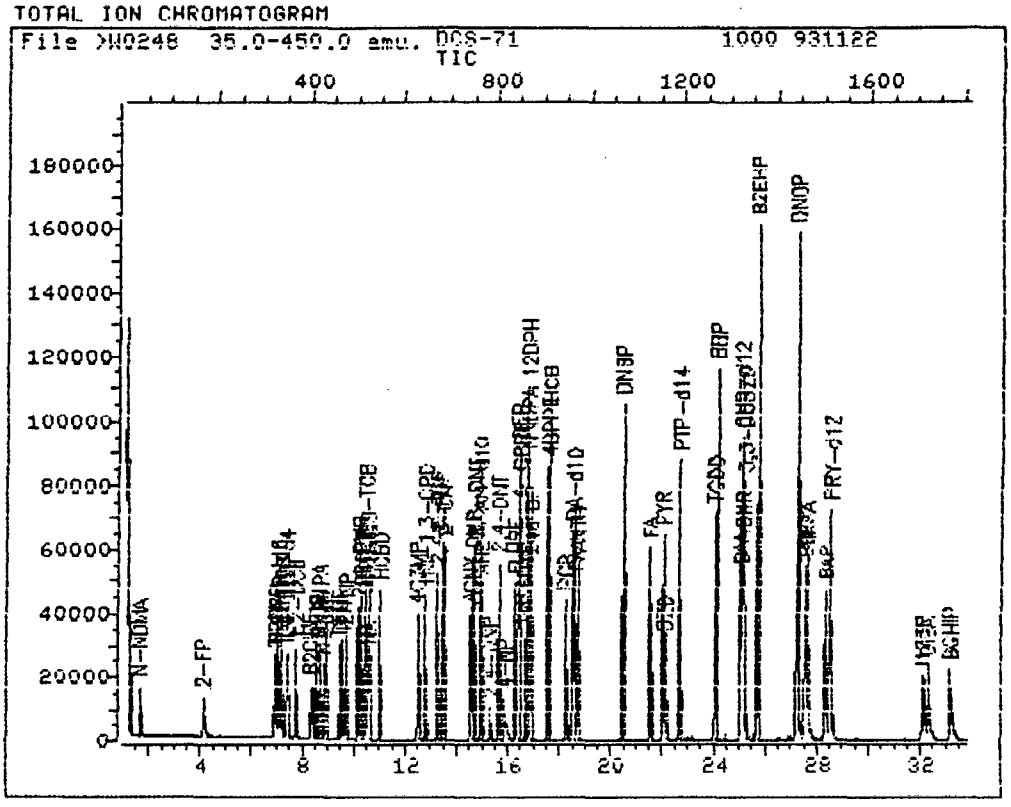
Operator ID: TRFIL Quant Rev: 7 Quant Time: 940104 11:09
Output File: ^W0248::D4 Injected at: 940104 10:27
Data File: >W0248::D2 Dilution Factor: 1.00000
Name: OCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0248::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940104 10:27

		Compound	R.T.	Scan#	Area	Conc	Units	q
41)	823	Diethylphthalate	16.34	846	63464	50.00	ng/ul	95
42)	*S23	Phenanthrene-d10	18.49	964	70235	40.00	ng/ul	98
43)	850	2-Methyl-4,6-dinitrophenol	16.58	859	9568	50.00	ng/ul	95
44)	857	N-Nitrosodiphenylamine	16.72	867	31625	50.00	ng/ul	99
45)	829	1,2-Diphenylhydrazine	16.74	868	12210	50.00	ng/ul	93
46)	S06	2,4,6-Tribromophenol	16.85	874	22166	100.00	ng/ul	89
47)	813	4-Bromophenylphenylether	17.54	912	15076	50.00	ng/ul	90
48)	832	Hexachlorobenzene	17.56	913	23988	50.00	ng/ul	78
49)	854	Pentachlorophenol	18.18	947	14950	50.00	ng/ul	90
50)	842	Phenanthrene	18.54	967	43972	25.00	ng/ul	98
51)	802	Anthracene	18.67	974	45648	25.00	ng/ul	98
52)	825	Di-n-butylphthalate	20.39	1069	127986	50.00	ng/ul	99
53)	830	Fluoranthene	21.46	1128	58435	25.00	ng/ul	98
54)	*S24	Chrysene-d12	25.03	1325	83276	40.00	ng/ul	
55)	843	Pyrene	21.98	1157	62514	25.00	ng/ul	
56)	803	Benzidine	22.04	1160	38851	50.00	ng/ul	96
57)	S07	p-Terphenyl-d14	22.62	1192	71983	50.00	ng/ul	96
58)	844	1,2,3,4-TCDD (2,3,7,8)	23.98	1267	24788	50.00	ng/ul	89
59)	814	Butylbenzylphthalate	24.06	1271	70107	50.00	ng/ul	95
60)	804	Benzo(A)anthracene	25.00	1323	55632	25.00	ng/ul	97
61)	817	Chrysene	25.09	1328	64983	25.00	ng/ul	96
62)	822	3,3-Dichlorobenzidine	25.14	1331	46952	50.00	ng/ul	97
63)	812	Bis(2-ethylhexyl)phthalate	25.62	1357	98852	50.00	ng/ul	97
64)	*S25	Perylene-d12	28.48	1515	96801	40.00	ng/ul	98
65)	828	Di-n-octylphthalate	27.16	1442	198964	50.00	ng/ul	99
66)	806	Benzo(B)fluoranthene	27.52	1462	56454	25.00	ng/ul	95
67)	808	Benzo(K)fluoranthene	27.59	1466	78786	25.06	ng/ul	99
68)	805	Benzo(A)pyrene	28.30	1505	63914	25.00	ng/ul	95
69)	836	Indeno(1,2,3-CD)pyrene	32.06	1712	42665	25.00	ng/ul	93
70)	818	Dibenzo(A,H)anthracene	32.27	1724	53249	25.00	ng/ul	95
71)	807	Benzo(G,H,I)perylene	33.14	1772	55695	25.00	ng/ul	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0248::D2 Quant Output File: ^W0248::D4
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

Id File: LW0248::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940104 10:27

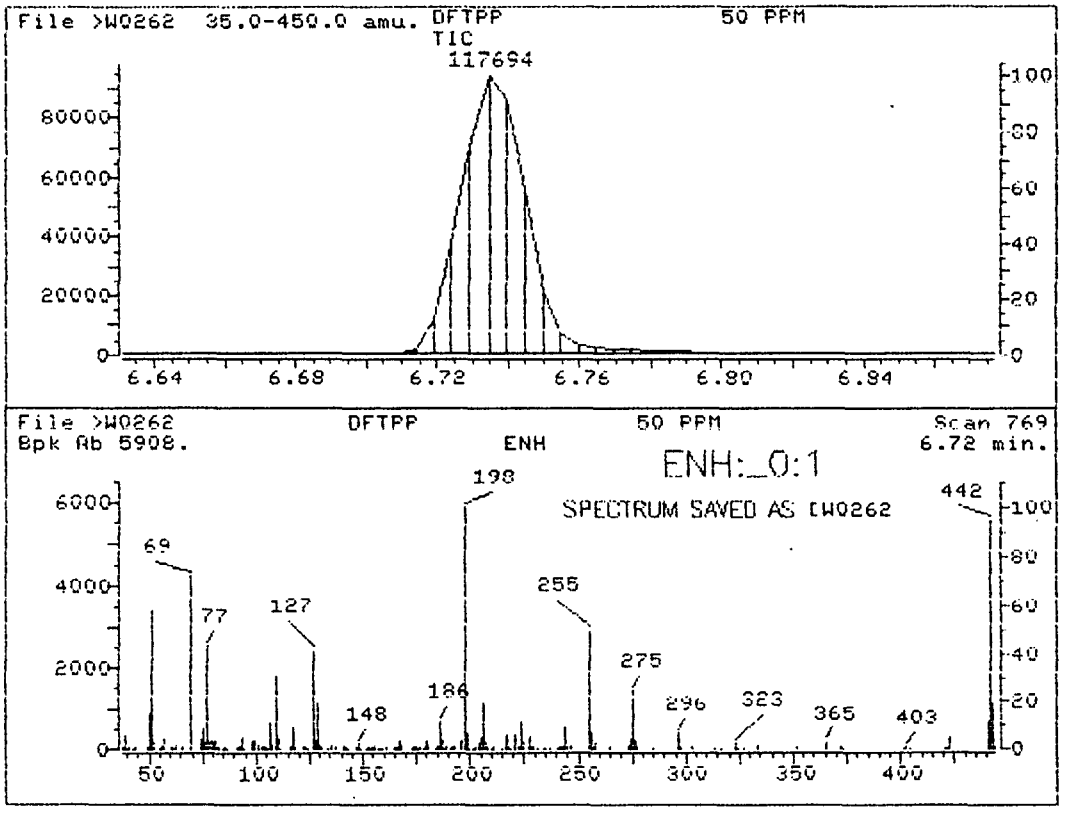
Operator ID: TRFIL
Quant Time : 940104 11:09
Injected at: 940104 10:27

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	57.02	57.02	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	71.39	71.39	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	40.83	40.83	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.19	7.19	Ok
275	10-30% of mass 198	24.55	24.55	Ok
365	Greater than 1% of mass 198	2.87	2.87	Ok
441	0-100% of mass 443	12.23	61.91	Ok
442	Greater than 40% of mass 198	94.47	94.47	Ok
443	17-23% of mass 442	19.75	20.91	Ok

Injection Date: 01/05/94
Injection Time: 13:59
Data File: >W0262
Scan: 769



>W0262 DFTPP 50 PPM
769 NRM ENH

File: >W0262 Scan #: 769 Retn. time: 6.72

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.10	1.261	94.05	.499	152.00	.271	200.00	.491	256.05	6.686
39.10	6.161	97.95	3.901	153.00	.838	201.20	.127	257.05	.677
40.00	.508	98.95	3.538	154.00	.635	201.40	.144	258.05	3.047
41.10	.694	100.95	1.591	155.10	1.202	202.90	.796	265.05	1.168
42.90	.229	103.05	.719	156.10	1.777	204.10	2.903	273.15	1.735
44.00	.965	104.05	1.261	157.20	.389	205.10	5.222	274.15	4.342
49.15	.745	105.05	.939	158.10	.533	206.10	19.863	275.05	24.551
50.15	15.208	106.05	.212	159.10	.339	207.10	2.725	276.15	3.318
51.05	57.016	107.05	11.535	161.00	.982	208.10	.745	276.95	1.963
52.05	3.131	108.05	1.972	165.00	.838	210.30	.415	285.15	.398
55.05	.542	110.05	30.560	166.20	.779	211.10	.863	296.05	6.872
56.05	1.777	111.05	4.409	167.10	3.808	215.00	.085	297.05	.829
57.05	4.274	112.05	.559	168.00	2.234	217.00	6.491	303.05	.922
61.05	.677	116.05	.863	173.00	.618	218.10	.779	314.05	.313
61.95	.618	117.05	9.529	174.00	.829	219.10	.245	316.15	.432
63.05	2.082	118.05	.745	175.10	1.278	220.90	6.034	323.20	2.344
65.15	1.041	122.05	.846	175.90	.440	222.90	1.312	324.20	.372
69.05	71.395	123.05	1.464	176.90	.838	224.00	11.925	326.90	.364
74.05	4.629	123.95	.609	178.20	.364	225.00	2.784	327.10	.127
75.05	8.565	127.05	40.826	179.10	3.343	227.05	5.433	334.20	1.498
76.15	2.370	128.15	3.453	180.10	2.175	228.05	.804	352.10	.728
77.05	42.705	129.05	19.880	181.00	1.024	229.15	.990	365.10	2.869
78.15	3.114	130.05	1.803	184.00	.305	230.95	.169	372.10	1.354
79.05	3.825	131.15	.686	185.10	1.532	233.95	.364	373.10	.347
79.95	2.734	133.95	.567	186.10	11.882	234.95	.406	402.10	.609
81.05	3.775	135.05	1.532	187.00	3.343	237.05	.415	403.10	.702
82.15	.897	136.00	.525	188.10	.440	241.15	.305	404.10	.279
83.15	.838	137.10	.694	189.10	.838	242.05	.863	421.15	.533
85.15	.575	141.00	1.921	191.00	.389	242.95	.846	422.25	.559
86.05	1.049	142.00	1.007	192.00	1.024	244.15	9.428	423.15	5.086
86.95	.440	143.10	.499	193.00	.897	245.15	1.303	441.15	12.229
91.05	.999	147.10	1.312	196.00	3.318	246.15	1.972	442.15	94.474
92.15	.889	148.00	2.480	198.00	100.000	247.05	.440	443.15	19.753
93.05	5.586	148.90	.584	199.00	7.185	255.05	49.255	444.15	1.743

GC/MS PERFORMANCE STANDARD

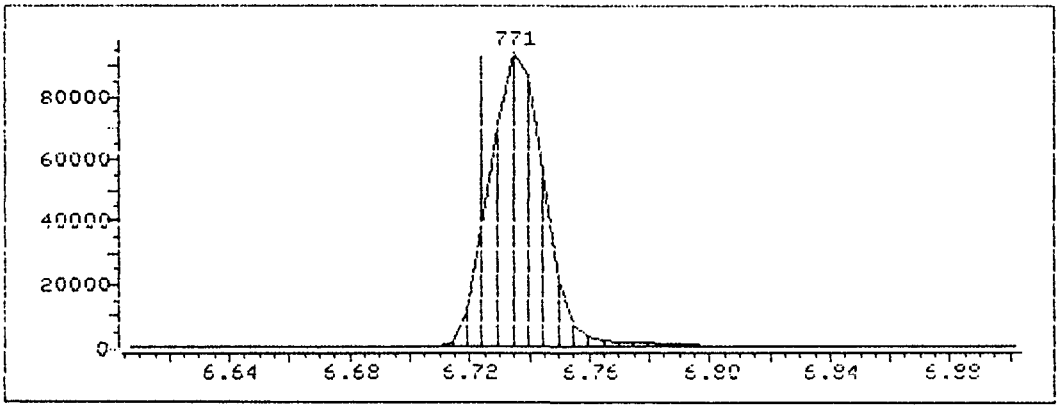
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	66.96	66.96	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	77.17	77.17	Ok
70	Less than 2% of mass 69	.30	.38	Ok
127	40-60% of mass 198	42.16	42.16	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.61	6.61	Ok
275	10-30% of mass 198	22.84	22.84	Ok
365	Greater than 1% of mass 198	2.68	2.68	Ok
441	0-100% of mass 443	11.78	82.58	Ok
442	Greater than 40% of mass 198	84.33	84.33	Ok
443	17-23% of mass 442	14.26	16.91	No Good

Injection Date: 01/05/94
Injection Time: 13:59
Data File: >W0262
Scan: 771

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TW0262	5970	3/16/93 12:34

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHULD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	67	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

This tune file has been APPENDED to the tune report file DW0262 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0262 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes: 2 Number of samples pumps: 5
Solvent A washes: 5 Solvent B washes: 3
Sample viscosity wait: 4 Injection mode is FAST

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DW0262 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >W0263 QUANT DATE: 9401051525 INJ TIME: 9401051427
SAMPLE NAME: DCS-71
MISC: 1000 931122 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 3:32 PM WED., 5 JAN., 1994

ANALYZED BY: VERIFIED BY:

DATA FILE:	^W0263		^W0248		
	SAMPLE	STANDARD			
INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6525	3394	6787	13574	OK
S21 Naphthalene-d8	35280	19644	39287	78574	OK
S22 Acenaphthene-d10	27036	15018	30036	60072	OK
S23 Phenanthrene-d10	61607	35118	70235	140470	OK
S24 Chrysene-d12	79875	41638	83276	166552	OK
S25 Perylene-d12	97465	48401	96801	193602	OK

	SAMPLE	STANDARD			
	RT	RT-0.5	RT	RT+0.5	
INTERNAL STANDARD	(MIN)	(MIN)	(MIN)	(MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.83	7.33	7.83	OK
S21 Naphthalene-d8	10.51	10.02	10.52	11.02	OK
S22 Acenaphthene-d10	14.84	14.36	14.86	15.36	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.02	24.53	25.03	25.53	OK
S25 Perylene-d12	28.45	27.98	28.48	28.98	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^W0263 CALIBRATION FILE: CL182
VERIFICATION TIME: 3:32 PM WED., 5 JAN., 1994

	COUMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.58336	.30664	47.44			
855	Phenol	1.63353	1.70201	4.19	*		
810	Bis(2-chloroethyl)ether	1.28213	1.38753	8.22			
845	2-Chlorophenol	1.24205	1.23378	.67			
820	1,3-Dichlorobenzene	1.40752	1.29251	8.17			
821	1,4-Dichlorobenzene	1.49104	1.36999	8.12	*		
819	1,2-Dichlorobenzene	1.55274	1.43191	7.78			
811	Bis(2chloroisopropyl)ether	.33862	.41367	22.17			
835	Hexachloroethane	.75114	.73441	2.23			
841	N-Nitroso-di-n-propylamine	1.47644	1.57989	7.01		**	
839	Nitrobenzene	.09694	.12991	34.01			
837	Isophorone	.88249	.90508	2.56			
851	2-Nitrophenol	.14140	.15243	7.80	*		
848	2,4-Dimethylphenol	.39049	.40925	4.80			
809	Bis(2-chloroethoxy)methane	.51907	.53261	2.61			
847	2,4-Dichlorophenol	.25997	.29964	15.26	*		
846	1,2,4-Trichlorobenzene	.29926	.30896	3.24			
838	Naphthalene	1.02841	.99396	3.39			
833	Hexachlorobutadiene	.19350	.21465	10.93	*		
853	4-Chloro-3-methylphenol	.44111	.45061	2.15	*		
834	Hexchlor1,3cyclopentadiene	.15963	.20574	28.89		**	
856	2,4,6-Trichlorophenol	.35959	.38725	7.69	*		
815	2-Chloronaphthalene	1.10845	1.07238	3.25			
801	Acenaphthylene	1.95667	1.82311	6.83			
824	Dimethylphthalate	1.50640	1.46019	3.07			
827	2,6-Dinitrotoluene	.23209	.27874	20.10			
800	Acenaphthene	1.27183	1.16627	8.30	*		
849	2,4-Dinitrophenol	.08794	.07602	13.56		**	
826	2,4-Dinitrotoluene	.36828	.41941	13.88			
852	4-Nitrophenol	.20041	.22533	12.43		**	
831	Fluorene	1.40751	1.32534	5.84			
816	4-Chlorophenylphenylether	.63357	.64678	2.08			
823	Diethylphthalate	1.76861	1.68895	4.50			
850	2-Methyl-4,6-dinitrophenol	.09394	.10137	7.91			
857	N-Nitrosodiphenylamine	.41181	.37213	9.64	*		
829	1,2-Diphenylhydrazine	.15467	.14771	4.50			
813	4-Bromophenylphenylether	.17737	.17808	.40			
832	Hexachlorobenzene	.25773	.28246	9.59			
854	Pentachlorophenol	.15710	.16929	7.76	*		
842	Phenanthrene	1.07193	1.01396	5.41			
802	Anthracene	1.04884	1.02072	2.68			
825	Di-n-butylphthalate	1.61578	1.54872	4.15			
830	Fluoranthene	1.35248	1.31702	2.62	*		
843	Pyrene	1.18816	1.08377	8.79			

803	Benzidine	.14165	.29330	107.06	
844	1,2,3,4-TCDD (2,3,7,8)	.19127	.21925	14.63	
814	Butylbenzylphthalate	.71366	.64980	8.95	
804	Benzo(A)anthracene	1.10003	1.02120	7.17	
817	Chrysene	1.23421	1.13155	8.32	
822	3,3-Dichlorobenzidine	.35465	.44529	25.56	
812	Bis(2-ethylhexyl)phthalate	1.04777	.94244	10.05	
828	Di-n-octylphthalate	1.64989	1.56266	5.29	*
806	Benzo(B)fluoranthene	1.05149	.92393	12.13	
808	Benzo(K)fluoranthene	1.25742	1.24364	1.10	
805	Benzo(A)pyrene	1.12724	1.11676	.93	*
836	Indeno(1,2,3-CD)pyrene	.74710	.74424	.38	
818	Dibenzo(A,H)anthracene	.90137	.87291	3.16	
807	Benzo(G,H,I)perylene	.91797	.96458	5.08	

```
PPPPP        A         SSSSS     SSSSS
P    P      A A       S     S   S     S
P    P     A   A      S         S
PPPPP     AAAAAAA      SSSSS     SSSSS
P        A        A           S         S
P       A          A  S     S   S     S
P      A            A  SSSSS     SSSSS
```

** The output from STCHK and SAREA has been spooled into the file called KW0263 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0263 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 33.80
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DCS report file KW0263 .

Operator ID: TRFIL Quant Rev: 7 Quant Time: 940105 15:35
Output File: ^W0263::D4 Injected at: 940105 14:27
Data File: >W0263::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0263::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940105 14:27

		Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20	1,4-Dichlorobenzene-d4	7.31	346	6525	40.00	ng/ul	98
2)	840	N-Nitrosodimethylamine	1.63	33	2501	50.00	ng/ul	75
3)	S01	2-Fluorophenol	4.06	167	9573	100.00	ng/ul	94
4)	S02	Phenol-d5	6.98	328	21070	100.00	ng/ul	98
5)	855	Phenol	7.02	330	13882	50.00	ng/ul	85
6)	810	Bis(2-chloroethyl)ether	6.89	323	11317	50.00	ng/ul	84
7)	845	2-Chlorophenol	6.89	323	10063	50.00	ng/ul	93
8)	820	1,3-Dichlorobenzene	7.13	336	10542	50.00	ng/ul	94
9)	821	1,4-Dichlorobenzene	7.37	349	11174	50.00	ng/ul	94
10)	819	1,2-Dichlorobenzene	7.71	368	11679	50.00	ng/ul	98
11)	811	Bis(2chloroisopropyl)ether	8.29	400	3374	50.00	ng/ul	97
12)	835	Hexachloroethane	8.53	413	5990	50.00	ng/ul	87
13)	841	N-Nitroso-di-n-propylamine	8.64	419	12886	50.00	ng/ul	92
14)	*S21	Naphthalene-d8	10.51	522	35280	40.00	ng/ul	93
15)	S03	Nitrobenzene-d5	8.82	429	5134	50.00	ng/ul	90
16)	839	Nitrobenzene	8.85	431	5729	50.00	ng/ul	96
17)	837	Isophorone	9.54	469	39914	50.00	ng/ul	97
18)	S04	Decafluorobiphenyl	9.42	462	17939	50.00	ng/ul	97
19)	851	2-Nitrophenol	9.65	475	6722	50.00	ng/ul	99
20)	848	2,4-Dimethylphenol	10.14	502	18048	50.00	ng/ul	95
21)	809	Bis(2-chloroethoxy)methane	10.25	508	23488	50.00	ng/ul	96
22)	847	2,4-Dichlorophenol	10.40	516	13214	50.00	ng/ul	94
23)	846	1,2,4-Trichlorobenzene	10.43	518	13625	50.00	ng/ul	89
24)	838	Naphthalene	10.56	525	21908	25.00	ng/ul	96
25)	833	Hexachlorobutadiene	10.98	548	9466	50.00	ng/ul	93
26)	853	4-Chloro-3-methylphenol	12.41	627	19872	50.00	ng/ul	91
27)	*S22	Acenaphthene-d10	14.84	761	27036	40.00	ng/ul	93
28)	834	Hexchlor1,3cyclopentadiene	12.74	645	6953	50.00	ng/ul	98
29)	856	2,4,6-Trichlorophenol	13.19	670	13087	50.00	ng/ul	80
30)	S05	2-Fluorobiphenyl	13.35	679	33383	50.00	ng/ul	88
31)	815	2-Chloronaphthalene	13.50	687	36241	50.00	ng/ul	95
32)	801	Acenaphthylene	14.48	741	30806	25.00	ng/ul	98
33)	824	Dimethylphthalate	14.53	744	49347	50.00	ng/ul	97
34)	827	2,6-Dinitrotoluene	14.62	749	9420	50.00	ng/ul	90
35)	800	Acenaphthene	14.91	765	19707	25.00	ng/ul	93
36)	849	2,4-Dinitrophenol	15.26	784	2569	50.00	ng/ul	94
37)	826	2,4-Dinitrotoluene	15.59	802	14174	50.00	ng/ul	83
38)	852	4-Nitrophenol	15.86	817	7615	50.00	ng/ul	84
39)	831	Fluorene	16.20	836	22395	25.00	ng/ul	98
40)	816	4-Chlorophenylphenylether	16.35	844	21858	50.00	ng/ul	91

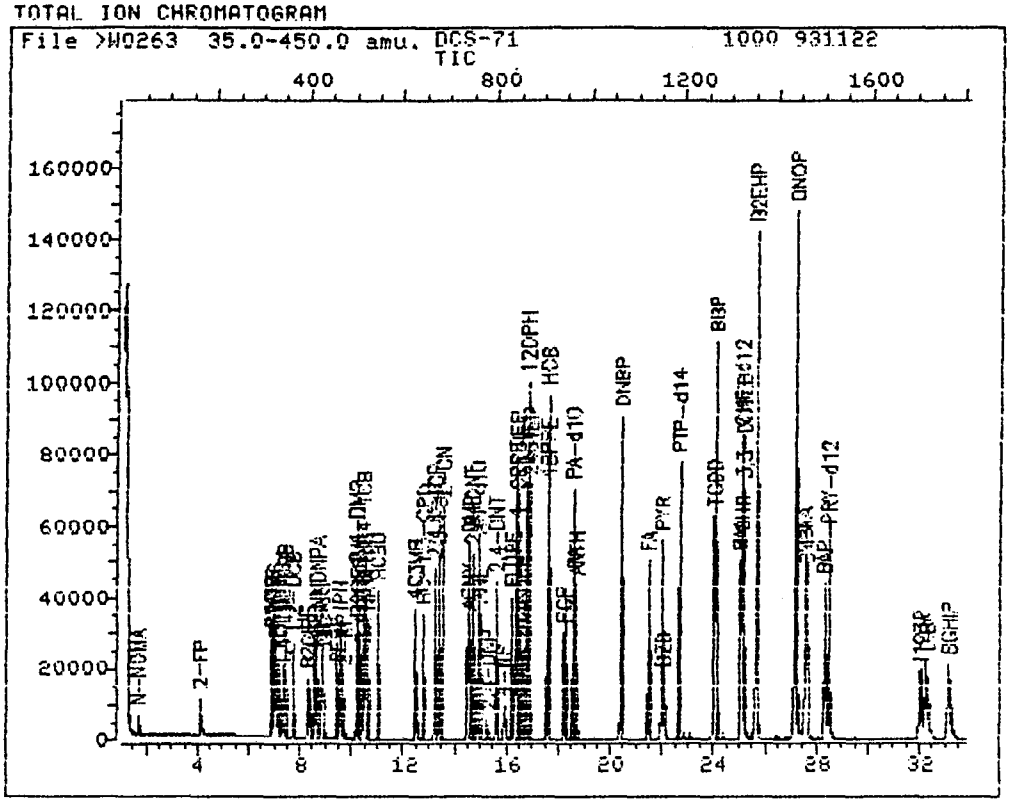
Operator ID: TRF1L Quant Rev: 7 Quant Time: 940105 15:35
Output File: ^W0263::D4 Injected at: 940105 14:27
Data File: >W0263::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0263::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940105 14:27

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	823 Diethylphthalate	16.33	843	57078	50.00	ng/ul	95
42)	*S23 Phenanthrene-d10	18.49	962	61607	40.00	ng/ul	99
43)	850 2-Methyl-4,6-dinitrophenol	16.57	856	7806	50.00	ng/ul	91
44)	857 N-Nitrosodiphenylamine	16.71	864	28657	50.00	ng/ul	97
45)	829 1,2-Diphenylhydrazine	16.73	865	11375	50.00	ng/ul	93
46)	S06 2,4,6-Tribromophenol	16.86	872	20058	100.00	ng/ul	89
47)	813 4-Bromophenylphenylether	17.53	909	13714	50.00	ng/ul	88
48)	832 Hexachlorobenzene	17.55	910	21752	50.00	ng/ul	77
49)	854 Pentachlorophenol	18.16	944	13037	50.00	ng/ul	88
50)	842 Phenanthrene	18.54	965	39042	25.00	ng/ul	98
51)	802 Anthracene	18.65	971	39302	25.00	ng/ul	98
52)	825 Di-n-butylphthalate	20.38	1066	119265	50.00	ng/ul	99
53)	830 Fluoranthene	21.44	1125	50711	25.00	ng/ul	99
54)	*S24 Chrysene-d12	25.02	1322	79875	40.00	ng/ul	9
55)	843 Pyrene	21.97	1154	54104	25.00	ng/ul	
56)	803 Benzidine	22.03	1157	29284	50.00	ng/ul	97
57)	S07 p-Terphenyl-d14	22.61	1189	66399	50.00	ng/ul	94
58)	844 1,2,3,4-TCDD (2,3,7,8)	23.97	1264	21891	50.00	ng/ul	93
59)	814 Butylbenzylphthalate	24.04	1268	64878	50.00	ng/ul	96
60)	804 Benzo(A)anthracene	24.98	1320	50980	25.00	ng/ul	96
61)	817 Chrysene	25.07	1325	56489	25.00	ng/ul	96
62)	822 3,3-Dichlorobenzidine	25.13	1328	44459	50.00	ng/ul	94
63)	812 Bis(2-ethylhexyl)phthalate	25.60	1354	94097	50.00	ng/ul	97
64)	*S25 Perylene-d12	28.45	1511	97465	40.00	ng/ul	96
65)	828 Di-n-octylphthalate	27.14	1439	190381	50.00	ng/ul	99
66)	806 Benzo(B)fluoranthene	27.51	1459	56282	25.00	ng/ul	96
67)	808 Benzo(K)fluoranthene	27.56	1462	75757	25.00	ng/ul	92
68)	805 Benzo(A)pyrene	28.29	1502	68028	25.00	ng/ul	97
69)	836 Indeno(1,2,3-CD)pyrene	32.02	1708	45336	25.00	ng/ul	94
70)	818 Dibenzo(A,H)anthracene	32.24	1720	53174	25.00	ng/ul	93
71)	807 Benzo(G,H,I)perylene	33.11	1768	58758	25.00	ng/ul	99

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0263::D2 Quant Output File: ^W0263::D4
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

Id File: LW0263::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Wcal Time: 940105 14:27

Operator ID: TRFIL
Quant Time : 940105 15:35
Injected at: 940105 14:27

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0259 QUANT DATE: 9401041919 INJ TIME: 9401041844
SAMPLE NAME: SJ 12B15S BBLANK
MISC: 1000G931215 IS#14 SUR#A BTL#11
LASTEDIT FILE TIME: 7:22 PM TUE., 4 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-04-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	37.84	100.00	38	42-120	*
S02 Phenol-d5	58.27	100.00	58	37-115	OK
S03 Nitrobenzene-d5	44.22	50.00	88	71-107	OK
S04 Decafluorobiphen	45.06	50.00	90	------	OK
S05 2-Fluorobiphenyl	51.73	50.00	103	88-130	OK
S06 2,4,6-Tribromoph	105.83	100.00	106	86-134	OK
S07 p-Terphenyl-d14	54.83	50.00	110	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0259 ^W0248

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	STANDARD AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5077	3394	6787	13574	OK

S21 Naphthalene-d8	28687	19644	39287	78574	OK
S22 Acenaphthene-d10	22773	15018	30036	60072	OK
S23 Phenanthrene-d10	57136	35118	70235	140470	OK
S24 Chrysene-d12	74951	41638	83276	166552	OK
S25 Perylene-d12	87189	48401	96801	193602	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.33	6.83	7.33	7.83	OK
S21 Naphthalene-d8	10.50	10.02	10.52	11.02	OK
S22 Acenaphthene-d10	14.86	14.36	14.86	15.36	OK
S23 Phenanthrene-d10	18.48	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.04	24.53	25.03	25.53	OK
S25 Perylene-d12	28.49	27.98	28.48	28.98	OK

The output from LU 6 has been sucessfully spooled into the file called OW0259 .

SAN JOSE CREEK WATER QUALITY LABORATORY LGS

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0260 QUANT DATE: 9401061713 INJ TIME: 9401041928
SAMPLE NAME: SJ 12R15S ~~BBLANK~~ QC Check (S)
MISC: 1000G931215 IS#14 SUR#A BTL#12
LASTEDIT FILE TIME: 9:58 AM TUE., 25 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.67	2		43
801	Acenaphthylene	44.19	2		44
802	Anthracene	42.71	1		43
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	45.66	2		46
805	Benzo(A)pyrene	45.35	7		45
806	Benzo(B)fluoranthene	49.22	2		49
807	Benzo(G,H,I)perylene	48.84	6		49
808	Benzo(K)fluoranthene	40.30	2		40
809	Bis(2-chloroethoxy)methane	41.98	3		42
810	Bis(2-chloroethyl)ether	38.54	5		39
811	Bis(2chloroisopropyl)ether	41.14	3		41
812	Bis(2-ethylhexyl)phthalate	48.51	10		49
813	4-Bromophenylphenylether	49.71	9		50
814	Butylbenzylphthalate	46.12	3		46
815	2-Chloronaphthalene	46.74	1		47
816	4-Chlorophenylphenylether	53.67	2		54
817	Chrysene	41.98	2		42
818	Dibenzo(A,H)anthracene	47.20	6		47
819	1,2-Dichlorobenzene	42.86	10		43
820	1,3-Dichlorobenzene	43.34	10		43
821	1,4-Dichlorobenzene	43.58	2		44
822	3,3-Dichlorobenzidine	31.43*	100		31*
823	Diethylphthalate	53.29	2		53
824	Dimethylphthalate	46.35	3		46
825	Di-n-butylphthalate	51.84	4		52
826	2,4-Dinitrotoluene	42.43	3		42
827	2,6-Dinitrotoluene	42.98	5		43
828	Di-n-octylphthalate	45.48	5		45
829	1,2-Diphenylhydrazine	49.35	1		49
830	Fluoranthene	42.53	2		43
831	Fluorene	44.66	2		45
832	Hexachlorobenzene	49.24	1		49
833	Hexachlorobutadiene	47.68	10		48
834	Hexchlori,3cyclopentadiene	32.84*	100		33*
835	Hexachloroethane	49.08	12		49
836	Indeno(1,2,3-CD)pyrene	57.52	6		58
837	Isophorone	31.61	3		32
838	Naphthalene	46.49	2		46
839	Nitrobenzene	41.07	2		41
840	N-Nitrosodimethylamine	ND	30	<	30

842 Phenanthrene	44.16	1		44
843 Pyrene	40.79	2		41
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	38.15	8		38
846 1,2,4-Trichlorobenzene	49.32	3		49
847 2,4-Dichlorophenol	38.46	3		38
848 2,4-Dimethylphenol	37.61	3		38
849 2,4-Dinitrophenol	8.33*	39		8*
850 2-Methyl-4,6-dinitrophenol	34.60	17		35
851 2-Nitrophenol	39.22	5		39
852 4-Nitrophenol	11.57	6		12
853 4-Chloro-3-methylphenol	42.62	2		43
854 Pentachlorophenol	40.38	16		40
855 Phenol	19.56	3		20
856 2,4,6-Trichlorophenol	45.34	2		45
857 N-Nitrosodiphenylamine	51.38	2		51

==========NOTE==========

DATA FILE: >W0260 SAMPLE NAME: SJ 12R15S BBLANK
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-04-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	33.49	100.00	33	42-120	*
S02 Phenol-d5	56.60	100.00	57	37-115	OK
S03 Nitrobenzene-d5	47.06	50.00	94	71-107	OK
S04 Decafluorobiphen	38.48	50.00	77	------	OK
S05 2-Fluorobiphenyl	48.48	50.00	97	88-130	OK
S06 2,4,6-Tribromoph	97.65	100.00	98	86-134	OK
S07 p-Terphenyl-d14	52.66	50.00	105	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0260 ^W0248

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	STANDARD AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5356	3394	6787	13574	OK
S21 Naphthalene-d8	30296	19644	39287	78574	OK
S22 Acenaphthene-d10	24237	15018	30036	60072	OK
S23 Phenanthrene-d10	59946	35118	70235	140470	OK
S24 Chrysene-d12	71848	41638	83276	166552	OK
S25 Perylene-d12	86692	48401	96801	193602	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.34	6.83	7.33	7.83	OK
S21 Naphthalene-d8	10.51	10.02	10.52	11.02	OK
S22 Acenaphthene-d10	14.87	14.36	14.86	15.36	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.06	24.53	25.03	25.53	OK
S25 Perylene-d12	28.49	27.98	28.48	28.98	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF RECOVERIES OF THE SPIKED SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0260 QUANT DATE: 9401061713 INJ TIME: 9401041928
SAMPLE NAME: SJ 12R15S ~~BBLANK~~ QC Check
MISC: 1000G931215 IS#14 SUR#A BTL#12
LAST EDIT FILE TIME: 10:00 AM TUE., 25 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

SURROGATE	SPK (MG/KG)	NONSPK (MG/KG)	NET (MG/KG)	SPKAMT (MG/KG)	REC(%)	RANGE	RMK
800 Acenaphthene	42.7	.0	42.7	50	85	47-145	OK
801 Acenaphthylene	44.2	.0	44.2	50	88	33-145	OK
802 Anthracene	42.7	.0	42.7	50	85	27-133	OK
803 Benzidine	.0	.0	.0	50	0	-	OK
804 Benzo(A)anthrace	45.7	.0	45.7	50	91	33-143	OK
805 Benzo(A)pyrene	45.4	.0	45.4	50	91	17-163	OK
806 Benzo(B)fluorant	49.2	.0	49.2	50	98	24-159	OK
807 Benzo(G,H,I)pery	48.8	.0	48.8	50	98	D-219	OK
808 Benzo(K)fluorant	40.3	.0	40.3	50	81	11-162	OK
809 Bis(2-chloroetho	42.0	.0	42.0	50	84	33-184	OK
810 Bis(2-chloroethy	38.5	.0	38.5	50	77	12-158	OK
811 Bis(2chloroisopr	41.1	.0	41.1	50	82	36-166	OK
812 Bis(2-ethylhexyl	48.5	.0	48.5	50	97	8-158	OK
813 4-Bromophenylphe	49.7	.0	49.7	50	99	53-127	OK
814 Butylbenzylphtha	46.1	.0	46.1	50	92	D-152	OK
815 2-Chloronaphthal	46.7	.0	46.7	50	93	60-118	OK
816 4-Chlorophenylph	53.7	.0	53.7	50	107	25-158	OK
817 Chrysene	42.0	.0	42.0	50	84	17-168	OK
818 Dibenzo(A,H)anth	47.2	.0	47.2	50	94	D-227	OK
819 1,2-Dichlorobenz	42.9	.0	42.9	50	86	32-129	OK
820 1,3-Dichlorobenz	43.3	.0	43.3	50	87	D-172	OK
821 1,4-Dichlorobenz	43.6	.0	43.6	50	87	20-124	OK
822 3,3-Dichlorobenz	31.4	.0	31.4	50	63	D-262	OK
823 Diethylphthalate	53.3	.0	53.3	50	107	D-114	OK
824 Dimethylphthalat	46.4	.0	46.4	50	93	D-112	OK
825 Di-n-butylphthal	51.8	.0	51.8	50	104	1-118	OK
826 2,4-Dinitrotolue	42.4	.0	42.4	50	85	39-139	OK
827 2,6-Dinitrotolue	43.0	.0	43.0	50	86	50-158	OK
828 Di-n-octylphthal	45.5	.0	45.5	50	91	4-146	OK
829 1,2-Diphenylhydr	49.3	.0	49.3	50	99	-	OK
830 Fluoranthene	42.5	.0	42.5	50	85	26-137	OK
831 Fluorene	44.7	.0	44.7	50	89	59-121	OK
832 Hexachlorobenzen	49.2	.0	49.2	50	98	D-152	OK
833 Hexachlorobutadi	47.7	.0	47.7	50	95	24-116	OK
834 Hexchlor1,3cyclo	32.8	.0	32.8	50	66	-	OK
835 Hexachloroethane	49.1	.0	49.1	50	98	40-113	OK
836 Indeno(1,2,3-CD)	57.5	.0	57.5	50	115	D-171	OK
837 Isophorone	31.6	.0	31.6	50	63	21-196	OK
838 Naphthalene	46.5	.0	46.5	50	93	21-133	OK
839 Nitrobenzene	41.1	.0	41.1	50	82	35-180	OK
840 N-Nitrosodimethy	.0	.0	.0	50	0	-	OK
841 N-Nitroso-di-n-p	41.7	.0	41.7	50	83	D-230	OK
842 Phenanthrene	44.2	.0	44.2	50	88	54-120	OK
843 Pyrene	40.8	.0	40.8	50	82	52-115	OK

845	2-Chlorophenol	38.1	.0	38.1	50	76	23-134	OK
846	1,2,4-Trichlorob	49.3	.0	49.3	50	99	44-142	OK
847	2,4-Dichlorophen	38.5	.0	38.5	50	77	39-135	OK
848	2,4-Dimethylphen	37.6	.0	37.6	50	75	32-119	OK
849	2,4-Dinitropheno	8.3	.0	8.3	50	17	D-191	OK
850	2-Methyl-4,6-din	34.6	.0	34.6	50	69	D-181	OK
851	2-Nitrophenol	39.2	.0	39.2	50	78	29-182	OK
852	4-Nitrophenol	11.6	.0	11.6	50	23	D-132	OK
853	4-Chloro-3-methy	42.6	.0	42.6	50	85	22-147	OK
854	Pentachloropheno	40.4	.0	40.4	50	81	14-176	OK
855	Phenol	19.6	.0	19.6	50	39	5-112	OK
856	2,4,6-Trichlorop	45.3	.0	45.3	50	91	37-144	OK
857	N-Nitrosodipheny	51.4	.0	51.4	50	103	-	OK

The spike amounts are calculated based on the initial volume of 1000 ml.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0260 QUANT DATE: 9401061713 INJ TIME: 9401041928
SAMPLE NAME: SJ 12R1588 BBLANK
MISC: 1000G931215 IS#14 SUR#A BTL#12
LASTEDIT FILE TIME: 9:58 AM TUE., 25 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)	IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.67	2	43
801	Acenaphthylene	44.19	2	44
802	Anthracene	43.71	1	43
803	Benzidine	ND	62	< 62
804	Benzo(A)anthracene	45.66	2	46
805	Benzo(A)pyrene	45.35	7	45
806	Benzo(B)fluoranthene	49.22	2	49
807	Benzo(G,H,I)perylene	48.84	6	49
808	Benzo(K)fluoranthene	40.30	2	40
809	Bis(2-chloroethoxy)methane	41.98	3	42
810	Bis(2-chloroethyl)ether	38.54	5	39
811	Bis(2chloroisopropyl)ether	41.14	3	41
812	Bis(2-ethylhexyl)phthalate	48.51	10	49
813	4-Bromophenylphenylether	49.71	9	50
814	Butylbenzylphthalate	46.12	3	46
815	2-Chloronaphthalene	46.74	1	47
816	4-Chlorophenylphenylether	53.67	2	54
817	Chrysene	41.98	2	42
818	Dibenzo(A,H)anthracene	47.20	6	47
819	1,2-Dichlorobenzene	42.86	10	43
820	1,3-Dichlorobenzene	43.34	10	43
821	1,4-Dichlorobenzene	43.58	2	44
822	3,3-Dichlorobenzidine	31.43*	100	31*
823	Diethylphthalate	53.29	2	53
824	Dimethylphthalate	46.35	3	46
825	Di-n-butylphthalate	51.84	4	52
826	2,4-Dinitrotoluene	42.43	3	42
827	2,6-Dinitrotoluene	42.95	5	43
828	Di-n-octylphthalate	45.48	5	45
829	1,2-Diphenylhydrazine	49.35	1	49
830	Fluoranthene	42.53	2	43
831	Fluorene	44.66	2	45
832	Hexachlorobenzene	49.24	1	49
833	Hexachlorobutadiene	47.68	10	48
834	Hexchlor1,3cyclopentadiene	32.84*	100	33*
835	Hexachloroethane	49.08	12	49
836	Indeno(1,2,3-CD)pyrene	57.52	6	58

837	Isophorone	31.61	3	32
838	Naphthalene	46.49	2	46
839	Nitrobenzene	41.07	2	41
840	N-Nitrosodimethylamine	ND	30 <	30
841	N-Nitroso-di-n-propylamine	41.70	2	42
842	Phenanthrene	44.16	1	44
843	Pyrene	40.79	2	41
844	1,2,3,4-TCDD (2,3,7,8)	ND	3 <	3
845	2-Chlorophenol	38.15	8	38
846	1,2,4-Trichlorobenzene	49.32	3	49
847	2,4-Dichlorophenol	38.46	3	38
848	2,4-Dimethylphenol	37.61	3	38
849	2,4-Dinitrophenol	8.33*	39	8*
850	2-Methyl-4,6-dinitrophenol	34.60	17	35
851	2-Nitrophenol	39.22	5	39
852	4-Nitrophenol	11.57	6	12
853	4-Chloro-3-methylphenol	42.62	2	43
854	Pentachlorophenol	40.38	16	40
855	Phenol	19.56	3	20
856	2,4,6-Trichlorophenol	45.34	2	45
857	N-Nitrosodiphenylamine	51.38	2	51

==========NOTE==========

DATA FILE: >W0260 SAMPLE NAME: SJ 12R15S BBLANK
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-04-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	33.49	100.00	33	42-120	*
S02 Phenol-d5	56.60	100.00	57	37-115	OK
S03 Nitrobenzene-d5	47.06	50.00	94	71-107	OK
S04 Decafluorobiphen	38.48	50.00	77	------	OK
S05 2-Fluorobiphenyl	48.48	50.00	97	88-130	OK
S06 2,4,6-Tribromoph	97.65	100.00	98	86-134	OK
S07 p-Terphenyl-d14	52.66	50.00	105	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0260 ^W0248

SAMPLE |---------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5356	3394	6787	13574	OK
S21 Naphthalene-d8	30296	19644	39287	78574	OK
S22 Acenaphthene-d10	24237	15018	30036	60072	OK
S23 Phenanthrene-d10	59946	35118	70235	140470	OK
S24 Chrysene-d12	71848	41638	83276	166552	OK
S25 Perylene-d12	86692	48401	96801	193602	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.34	6.83	7.33	7.83	OK
S21 Naphthalene-d8	10.51	10.02	10.52	11.02	OK
S22 Acenaphthene-d10	14.87	14.36	14.86	15.36	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.06	24.53	25.03	25.53	OK
S25 Perylene-d12	28.49	27.98	28.48	28.98	OK

The output from LU 6 has been sucessfully spooled into the file called OW0260 .

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67073	12/08/93	12/15/93	01/04/94
SJ67074	12/08/93	12/15/93	01/04/94
SJ67075	12/08/93	12/15/93	01/04/94
SJ67123	12/09/93	12/15/93	01/04/94
SJ67124	12/09/93	12/15/93	01/04/94
SJ67125	12/09/93	12/15/93	01/04/94
SJ67126	12/09/93	12/15/93	01/04/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0261 QUANT DATE: 9401042047 INJ TIME: 9401042012
SAMPLE NAME: SJ 67073 LPVLFAHCP
MISC: 1000G931215 931208 IS#14 SUR#A BTL#13
LASTEDIT FILE TIME: 8:50 PM TUE., 4 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0261 SAMPLE NAME: SJ 67073 LPULFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-04-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B19S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	22	42-120	*
S02 Phenol-d5	46.77	100.00	47	37-115	OK
S03 Nitrobenzene-d5	35.88	50.00	72	71-107	OK
S04 Decafluorobiphen	39.81	50.00	80	------	OK
S05 2-Fluorobiphenyl	47.90	50.00	96	88-130	OK
S06 2,4,6-Tribromoph	91.50	100.00	92	86-134	OK
S07 p-Terphenyl-d14	50.86	50.00	102	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0261 ^W0248

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6187	3394	6787	13574	OK
S21 Naphthalene-d8	29956	19644	39287	78574	OK
S22 Acenaphthene-d10	22791	15018	30036	60072	OK
S23 Phenanthrene-d10	58039	35118	70235	140470	OK
S24 Chrysene-d12	78047	41638	83276	166552	OK
S25 Perylene-d12	87844	48401	96801	193602	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.32	6.83	7.33	7.83	UK
S21 Naphthalene-d8	10.51	10.02	10.52	11.02	OK
S22 Acenaphthene-d10	14.84	14.36	14.86	15.36	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.04	24.53	25.03	25.53	UK
S25 Perylene-d12	28.48	27.98	28.48	28.98	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0264 QUANT DATE: 9401051547 INJ TIME: 9401051512
SAMPLE NAME: SJ 67074 LPVLFAHCP
MISC: 1000G931215 931208 IS#14 SUR#A BTL# 1
LASTEDIT FILE TIME: 3:51 PM WED., 5 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12

836	Indeno(1,2,3-CD)pyrene	ND	6	<	6
837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0264 SAMPLE NAME: SJ 67074 LPULFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B19S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	37.03	100.00	37	37-115	OK
S03 Nitrobenzene-d5	29.90	50.00	60	71-107	*
S04 Decafluorobiphen	30.92	50.00	62	------	OK
S05 2-Fluorobiphenyl	38.14	50.00	76	88-130	*
S06 2,4,6-Tribromoph	43.42	100.00	43	86-134	*
S07 p-Terphenyl-d14	41.10	50.00	82	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0264 ^W0263

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6319	3263	6525	13050	OK
S21 Naphthalene-d8	35275	17640	35280	70560	OK
S22 Acenaphthene-d10	27743	13518	27036	54072	OK
S23 Phenanthrene-d10	64033	30804	61607	123214	OK
S24 Chrysene-d12	87150	39938	79875	159750	OK
S25 Perylene-d12	103877	48733	97465	194930	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.49	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.82	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.47	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.45	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0265 QUANT DATE: 9401051631 INJ TIME: 9401051556
SAMPLE NAME: SJ 67075 LPVLFAHCP
MISC: 1000G931215 931208 IS#14 SUR#A BTL# 2
LASTEDIT FILE TIME: 4:36 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	1.28*	7		1*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0265 SAMPLE NAME: SJ 67075 LPULFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12815S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	29.67	100.00	30	37-115	*
S03 Nitrobenzene-d5	27.96	50.00	56	71-107	*
S04 Decafluorobiphen	30.19	50.00	60	------	OK
S05 2-Fluorobiphenyl	35.49	50.00	71	88-130	*
S06 2,4,6-Tribromoph	50.86	100.00	51	86-134	*
S07 p-Terphenyl-d14	41.08	50.00	82	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0265 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5884	3263	6525	13050	OK
S21 Naphthalene-d8	33091	17640	35280	70560	OK
S22 Acenaphthene-d10	26056	13518	27036	54072	OK
S23 Phenanthrene-d10	62335	30804	61607	123214	OK
S24 Chrysene-d12	83712	39938	79875	159750	OK
S25 Perylene-d12	97234	48733	97465	194930	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.51	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.84	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.03	24.52	25.02	25.52	OK
S25 Perylene-d12	28.46	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0266 QUANT DATE: 9401051716 INJ TIME: 9401051640
SAMPLE NAME: SJ 67123 LPVLFAHCP
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 3
LASTEDIT FILE TIME: 5:21 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0266 SAMPLE NAME: SJ 67123 LPVLFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	32.03	100.00	32	42-120	*
S02 Phenol-d5	57.01	100.00	57	37-115	OK
S03 Nitrobenzene-d5	43.10	50.00	86	71-107	OK
S04 Decafluorobiphen	43.66	50.00	87	------	OK
S05 2-Fluorobiphenyl	50.11	50.00	100	88-130	OK
S06 2,4,6-Tribromoph	102.43	100.00	102	86-134	OK
S07 p-Terphenyl-d14	54.88	50.00	110	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0266 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5036	3263	6525	13050	OK
S21 Naphthalene-d8	28726	17640	35280	70560	OK
S22 Acenaphthene-d10	22167	13518	27036	54072	OK
S23 Phenanthrene-d10	53380	30804	61607	123214	OK
S24 Chrysene-d12	72982	39938	79875	159750	OK
S25 Perylene-d12	83926	48733	97465	194930	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.46	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.01	24.52	25.02	25.52	OK
S25 Perylene-d12	28.44	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0267 QUANT DATE: 9401051802 INJ TIME: 9401051724
SAMPLE NAME: SJ 67124 LPVLFAHCPN
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 4
LASTEDIT FILE TIME: 6:07 PM WED., 5 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	5.21*	7		5*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0267 SAMPLE NAME: SJ 67124 LPVLFAHCPN
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	42.52	100.00	43	37-115	OK
S03 Nitrobenzene-d5	36.18	50.00	72	71-107	OK
S04 Decafluorobiphen	35.93	50.00	72	------	OK
S05 2-Fluorobiphenyl	42.59	50.00	85	88-130	*
S06 2,4,6-Tribromoph	90.88	100.00	91	86-134	OK
S07 p-Terphenyl-d14	46.74	50.00	93	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0267 ^W0263

SAMPLE ----------STANDARD----------

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5313	3263	6525	13050	OK
S21 Naphthalene-d8	29813	17640	35280	70560	OK
S22 Acenaphthene-d10	22955	13518	27036	54072	OK
S23 Phenanthrene-d10	55011	30804	61607	123214	OK
S24 Chrysene-d12	76638	39938	79875	159750	OK
S25 Perylene-d12	91896	48733	97465	194930	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.84	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.47	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.45	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA MI CONFIRMED

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >W0267 QUANT DATE: 9401051802 INJ TIME: 9401051724
SAMPLE NAME: SJ 67124 LPVLFAHCPN
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 4
LAST EDIT FILE TIME: 3:53 PM THU., 6 JAN., 1994

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
S01	ND	ND	ND	ND	100	ND
S02	47	28	43	39	100	39
S03	30	23	36	30	50	59
S04	35	27	36	33	50	66
S05	40	38	43	40	50	81
S06	97	95	91	94	100	94
S07	47	48	47	47	50	95

The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
800	40	37	ND	39	50	77	63-109	OK	7	0-22	OK
821	38	26	ND	32	50	64	48-115	OK	39	0-24	**
826	ND	27	ND	13	50	27	57-124	**	200	0-22	**
841	35	28	ND	31	50	62	56-117	OK	23	0-29	OK
843	40	42	ND	41	50	81	41-129	OK	4	0-18	OK
845	33	23	ND	28	50	56	57-104	**	35	0-23	**
846	42	32	ND	37	50	73	53-119	OK	28	0-26	**
852	ND	ND	ND	ND	50	ND	49-128	**	N/A	0-21	NA
853	32	32	ND	32	50	65	63-112	OK	1	0-27	OK
854	16	14	ND	15	50	30	47-136	**	14	0-30	OK
855	16	9	ND	13	50	25	45-113	**	58	0-34	**

THE RECOVERIES OF ALL SPIKED COMPOUNDS ARE OK IN QC CHECK STANDARD

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0268 QUANT DATE: 9401051843 INJ TIME: 9401051808
SAMPLE NAME: SJ 67124 LPVLFAHCPS
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 5
LASTEDIT FILE TIME: 6:47 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY: Rudi Schneider

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		18M DATA ENTRY (mg/kg)
800	Acenaphthene	39.94	2		40
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	5.85*	7		6*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	38.01	2		38
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND		3	< 3
838	Naphthalene	ND		2	< 2
839	Nitrobenzene	ND		2	< 2
840	N-Nitrosodimethylamine	ND		30	< 30
841	N-Nitroso-di-n-propylamine	34.81		2	35
842	Phenanthrene	ND		1	< 1
843	Pyrene	39.72		2	40
844	1,2,3,4-TCDD (2,3,7,8)	ND		3	< 3
845	2-Chlorophenol	32.85		8	33
846	1,2,4-Trichlorobenzene	41.92		3	42
847	2,4-Dichlorophenol	ND		3	< 3
848	2,4-Dimethylphenol	ND		3	< 3
849	2,4-Dinitrophenol	ND		39	< 39
850	2-Methyl-4,6-dinitrophenol	ND		17	< 17
851	2-Nitrophenol	ND		5	< 5
852	4-Nitrophenol	ND		6	< 6
853	4-Chloro-3-methylphenol	32.08		2	32
854	Pentachlorophenol	16.18		16	16
855	Phenol	16.38		3	16
856	2,4,6-Trichlorophenol	ND		2	< 2
857	N-Nitrosodiphenylamine	ND		2	< 2

==========NOTE==========

DATA FILE: >W0268 SAMPLE NAME: SJ 67124 LPVLFAHCPS
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0267 SAMPLE NAME: SJ 67124 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

805 Benzo(A)pyrene 5 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	47.03	100.00	47	37-115	OK
S03 Nitrobenzene-d5	30.32	50.00	61	71-107	*
S04 Decafluorobiphen	35.32	50.00	71	------	OK
S05 2-Fluorobiphenyl	40.14	50.00	80	88-130	*
S06 2,4,6-Tribromoph	97.00	100.00	97	86-134	OK
S07 p-Terphenyl-d14	47.43	50.00	95	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0268 ^W0263

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5035	3263	6525	13050	OK
S21 Naphthalene-d8	28036	17640	35280	70560	OK
S22 Acenaphthene-d10	22270	13518	27036	54072	OK
S23 Phenanthrene-d10	50418	30804	61607	123214	OK
S24 Chrysene-d12	68757	39938	79875	159750	OK
S25 Perylene-d12	81571	48733	97465	194930	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.32	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.49	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.46	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.01	24.52	25.02	25.52	OK
S25 Perylene-d12	28.44	27.95	28.45	28.95	OK

The output from LU 6 has been sucessfully spooled into the file called OW0268 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0269 QUANT DATE: 9401051927 INJ TIME: 9401051852
SAMPLE NAME: SJ 67124 LPVLFAHCPD
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 6
LASTEDIT FILE TIME: 7:30 PM WED., 5 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	37.18	2		37
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	5.75*	7		6*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	25.71	2		26
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	26.82	3		27
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	27.55	2		28
842 Phenanthrene	ND	1	<	1
843 Pyrene	41.53	2		42
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	23.08	8		23
846 1,2,4-Trichlorobenzene	31.53	3		32
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	32.48	2		32
854 Pentachlorophenol	14.04*	16		14*
855 Phenol	8.98	3		9
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0269 SAMPLE NAME: SJ 67124 LPVLFAHCPD
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0267 SAMPLE NAME: SJ 67124 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

805 Benzo(A)pyrene 5 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	27.79	100.00	28	37-115	*
S03 Nitrobenzene-d5	22.69	50.00	45	71-107	*
S04 Decafluorobiphen	27.15	50.00	54	------	OK
S05 2-Fluorobiphenyl	38.23	50.00	76	88-130	*
S06 2,4,6-Tribromoph	94.83	100.00	95	86-134	OK
S07 p-Terphenyl-d14	48.02	50.00	96	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0269 ^W0263

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5278	3263	6525	13050	OK
S21 Naphthalene-d8	30540	17640	35280	70560	OK
S22 Acenaphthene-d10	23485	13518	27036	54072	OK
S23 Phenanthrene-d10	54774	30804	61607	123214	OK
S24 Chrysene-d12	73498	39938	79875	159750	OK
S25 Perylene-d12	91095	48733	97465	194930	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.50	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.84	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.47	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.44	27.95	28.45	28.95	OK

The output from LU 6 has been sucessfully spooled into the file called OW0269 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0270 QUANT DATE: 9401052011 INJ TIME: 9401051936
SAMPLE NAME: SJ 67125 LPVLFAHCP
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 7
LASTEDIT FILE TIME: 8:13 PM WED., 5 JAN., 1994

ANALYZED BY: VERIFIED BY: Rudi Schneider

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	1.68*	2		2*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0270 SAMPLE NAME: SJ 67125 LPVLFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B19S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	26.52	100.00	27	42-120	*
S02 Phenol-d5	38.28	100.00	38	37-115	OK
S03 Nitrobenzene-d5	35.78	50.00	72	71-107	OK
S04 Decafluorobiphen	38.65	50.00	77	------	OK
S05 2-Fluorobiphenyl	43.77	50.00	88	88-130	OK
S06 2,4,6-Tribromoph	94.49	100.00	94	86-134	OK
S07 p-Terphenyl-d14	52.97	50.00	106	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0270 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4891	3263	6525	13050	OK
S21 Naphthalene-d8	27720	17640	35280	70560	OK
S22 Acenaphthene-d10	22500	13518	27036	54072	OK
S23 Phenanthrene-d10	51997	30804	61607	123214	OK
S24 Chrysene-d12	69919	39938	79875	159750	OK
S25 Perylene-d12	85556	48733	97465	194930	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.82	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.46	17.99	18.49	18.99	OK
S24 Chrysene-d12	24.99	24.52	25.02	25.52	OK
S25 Perylene-d12	28.44	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0271 QUANT DATE: 9401052054 INJ TIME: 9401052019
SAMPLE NAME: SJ 67126 LPVLFAHCP
MISC: 1000G931215 931209 IS#14 SUR#A BTL# 8
LASTEDIT FILE TIME: 8:57 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	.75*	2		1*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

337 Isophorone	ND	3	<	3	
338 Naphthalene	ND	2	<	2	
339 Nitrobenzene	ND	2	<	2	
340 N-Nitrosodimethylamine	ND	30	<	30	
341 N-Nitroso-di-n-propylamine	ND	2	<	2	
342 Phenanthrene	ND	1	<	1	
343 Pyrene	ND	2	<	2	
344 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
345 2-Chlorophenol	ND	8	<	8	
346 1,2,4-Trichlorobenzene	ND	3	<	3	
347 2,4-Dichlorophenol	ND	3	<	3	
348 2,4-Dimethylphenol	ND	3	<	3	
349 2,4-Dinitrophenol	ND	39	<	39	
350 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
351 2-Nitrophenol	ND	5	<	5	
352 4-Nitrophenol	ND	6	<	6	
353 4-Chloro-3-methylphenol	ND	2	<	2	
354 Pentachlorophenol	ND	16	<	16	
355 Phenol	ND	3	<	3	
356 2,4,6-Trichlorophenol	ND	2	<	2	
357 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0271 SAMPLE NAME: SJ 67126 LPVLFAHCP
EXTRACTION DATE: 12-15-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0259 SAMPLE NAME: SJ 12B15S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	20.76	100.00	21	37-119	*
S03 Nitrobenzene-d5	22.71	50.00	45	71-107	*
S04 Decafluorobiphen	29.59	50.00	59	------	OK
S05 2-Fluorobiphenyl	38.97	50.00	78	88-130	*
S06 2,4,6-Tribromoph	90.19	100.00	90	86-124	OK
S07 p-Terphenyl-d14	50.88	50.00	102	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0271 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5079	3263	6525	13050	OK
S21 Naphthalene-d8	28966	17640	35280	70560	OK
S22 Acenaphthene-d10	22676	13518	27036	54072	OK
S23 Phenanthrene-d10	51990	30804	61607	123214	OK
S24 Chrysene-d12	70884	39938	79875	159750	OK
S25 Perylene-d12	84496	48733	97469	194930	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.31	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.46	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.43	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67376	12/13/93	12/27/93	01/06/94
SJ67377	12/13/93	12/27/93	01/06/94
SJ67378	12/13/93	12/27/93	01/06/94
SJ67379	12/13/93	12/27/93	01/06/94
SJ67380	12/14/93	12/27/93	01/06/94
SJ67381	12/14/93	12/27/93	01/06/94
SJ67429	12/17/93	12/27/93	01/06/94
SJ67430	12/17/93	12/27/93	01/06/94
SJ67431	12/17/93	12/27/93	01/06/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >W0282 QUANT DATE: 9401061338 INJ TIME: 9401061303
SAMPLE NAME: SJ 67429 LPVLFAHCPN
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 4
LAST EDIT FILE TIME: 11:18 AM TUE., 25 JAN., 1994

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
S01	94	98	60	84	100	84
S02	99	110	67	92	100	92
S03	40	39	23	34	50	68
S04	40	39	25	35	50	69
S05	54	51	37	47	50	95
S06	95	91	58	82	100	82
S07	35	33	24	31	50	61

Surrogate Acceptance Limits
27-119
23-111
62-122
56-124
40-150
37-133

The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
800	47	43	ND	45	50	91	63-109	OK	9	0-22	OK
821	46	45	ND	46	50	91	48-115	OK	3	0-24	OK
826	28	24	ND	26	50	53	57-124	**	14	0-22	OK
841	34	37	ND	36	50	71	56-117	OK	7	0-29	OK
843	47	44	ND	45	50	91	41-129	OK	5	0-18	OK
845	47	50	ND	49	50	97	57-104	OK	7	0-23	OK
846	48	47	ND	47	50	95	53-119	OK	2	0-26	OK
852	27	23	ND	25	50	49	49-128	OK	14	0-21	OK
853	49	45	ND	47	50	94	63-112	OK	7	0-27	OK
854	40	33	ND	36	50	72	47-136	OK	20	0-30	OK
55	46	48	ND	47	50	93	45-113	OK	4	0-34	OK

RECOVERIES OF ALL SPIKED COMPOUNDS ARE OK IN QC CHECK STANDARD.

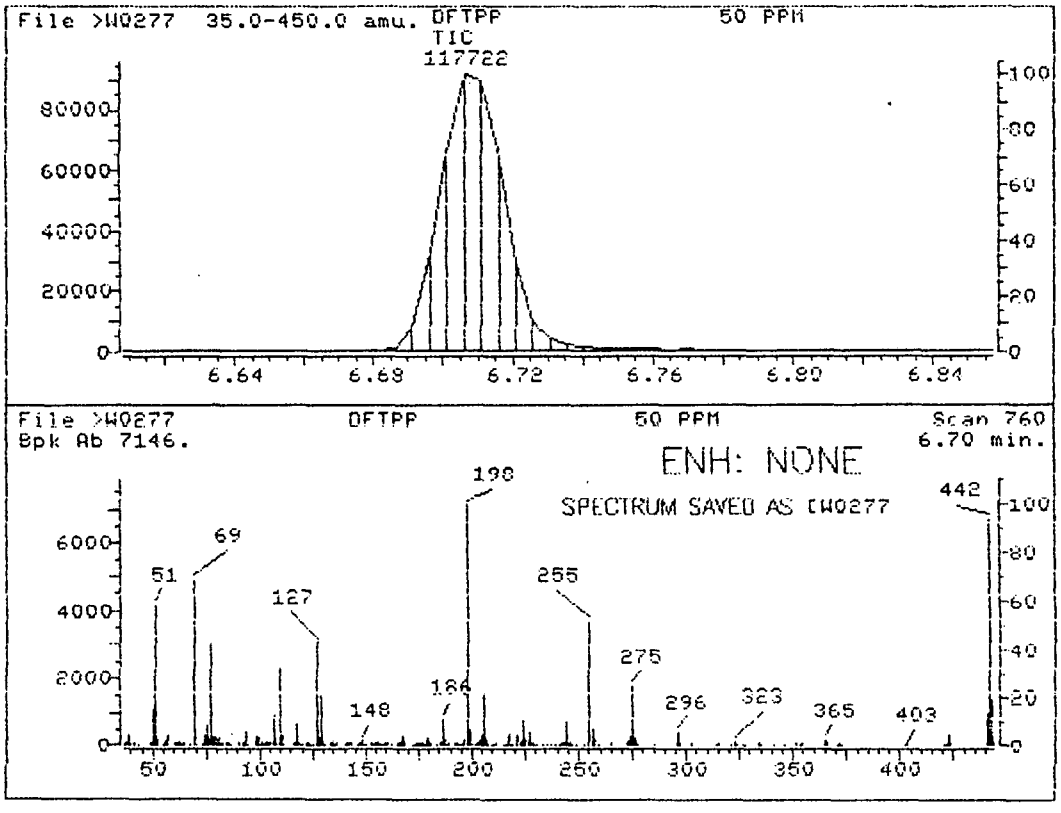
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	58.37	58.37	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	68.36	68.36	Ok
70	Less than 2% of mass 69	.38	.55	Ok
127	40-60% of mass 198	42.77	42.77	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.26	7.26	Ok
275	10-30% of mass 198	24.64	24.64	Ok
365	Greater than 1% of mass 198	3.05	3.05	Ok
441	0-100% of mass 443	13.34	69.16	Ok
442	Greater than 40% of mass 198	93.41	93.41	Ok
443	17-23% of mass 442	19.28	20.64	Ok

Injection Date: 01/06/94
Injection Time: 09:45
Data File: >W0277
Scan: 760

12/29/93 P
JW.U



>W0277 DFTPP 50 PPM
760 NRM

File: >W0277 Scan #: 760 Retn. time: 6.70

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.00	.350	99.05	3.974	154.20	.574	205.10	4.954	273.05	1.693
38.10	.840	100.05	.518	155.10	1.245	206.10	21.648	274.15	4.506
39.10	5.402	101.05	1.959	156.10	1.735	207.10	3.135	275.05	24.643
40.00	.644	102.05	.168	157.20	.350	208.00	.728	276.05	3.470
41.10	.756	103.05	.742	158.10	.476	209.10	.182	277.05	2.085
43.10	.322	104.05	1.329	159.00	.280	210.20	.434	278.05	.434
49.25	.714	105.15	.980	160.10	.644	211.20	.840	285.15	.364
50.15	15.673	107.05	13.154	161.00	1.106	214.90	.210	296.05	6.409
51.15	58.368	108.05	2.267	162.20	.322	216.00	.392	297.05	.854
52.15	3.107	110.05	32.214	165.10	.686	217.00	5.598	303.15	.994
55.25	.490	111.05	4.100	166.10	.644	218.10	.602	314.15	.350
56.05	1.973	112.05	.448	167.10	4.170	218.90	.350	315.15	.826
57.05	4.366	116.05	.742	168.10	2.197	221.10	5.500	321.20	.406
61.15	.658	117.05	9.558	172.00	.350	223.00	1.525	323.10	2.239
62.15	.770	118.05	.882	173.00	.476	224.10	11.419	324.20	.406
63.05	2.113	119.05	.252	174.10	.966	225.10	2.939	327.10	.350
64.05	.196	120.05	.238	175.10	1.455	227.05	5.751	328.10	.322
65.05	.868	121.95	.826	176.10	.644	228.05	.798	334.10	1.511
67.25	.140	122.95	1.231	177.10	.812	229.05	1.036	335.10	.392
69.05	68.360	123.95	.630	178.10	.336	230.05	.350	341.20	.322
70.15	.378	125.05	.616	179.00	3.233	231.15	.490	346.00	.504
73.05	.560	127.05	42.765	180.10	2.029	234.05	.378	352.10	.812
74.05	4.492	128.05	3.568	181.10	1.022	235.15	.462	353.20	.518
75.05	8.382	129.05	20.837	184.00	.336	237.15	.420	354.20	.812
76.15	2.393	129.95	1.679	185.10	1.567	239.05	.280	365.10	3.051
77.05	42.471	130.95	.560	186.10	11.741	241.05	.448	366.10	.658
78.05	3.554	133.95	.658	187.10	2.841	242.15	.672	371.10	.182
79.05	3.792	134.95	1.497	188.00	.462	243.05	.770	372.10	1.357
80.05	2.407	136.00	.602	189.10	.714	244.15	10.160	373.10	.392
81.05	3.554	137.10	.742	192.10	.980	245.15	1.329	402.10	.574
82.05	.882	140.10	.322	193.20	.924	246.05	2.029	403.20	.756
83.05	1.106	141.10	2.253	194.10	.280	247.15	.490	421.15	.588
85.15	.742	142.10	.910	195.20	.308	249.15	.322	422.15	.602
86.05	1.078	143.10	.658	196.10	2.491	253.15	.448	423.15	5.528
87.05	.546	146.00	.434	198.00	100.000	255.05	51.539	424.15	1.189
90.95	1.022	147.10	1.078	199.00	7.263	256.15	7.962	441.15	13.336
92.15	1.120	148.00	2.393	200.10	.462	257.25	.462	442.15	93.409
93.05	5.877	149.00	.560	201.60	.518	258.05	2.925	443.15	19.284
94.05	.378	150.20	.224	203.00	.770	259.05	.420	444.15	1.763
98.05	4.254	153.10	.728	204.10	2.673	265.15	1.147		

GC/MS PERFORMANCE STANDARD

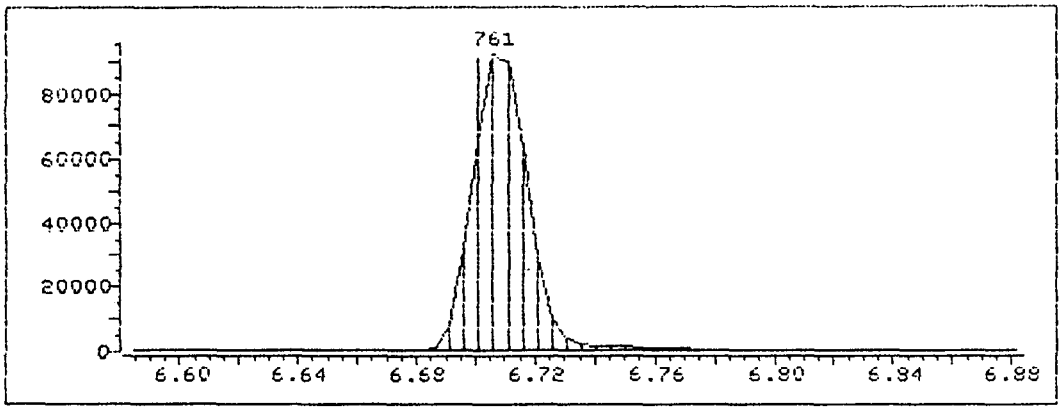
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	61.12	61.12	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	67.65	67.65	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	40.47	40.47	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.54	6.54	Ok
275	10-30% of mass 198	21.39	21.39	Ok
365	Greater than 1% of mass 198	2.63	2.63	Ok
441	0-100% of mass 443	10.90	83.57	Ok
442	Greater than 40% of mass 198	81.19	81.19	Ok
443	17-23% of mass 442	13.05	16.07	No Good

Injection Date: 01/06/94
Injection Time: 09:45
Data File: >W0277
Scan: 761

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TW0277	5970	3/16/93 12:34

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES	WINDOW	STEP SIZE
69 219 414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE	SCAN THRESHOLD
10 800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	67	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

This tune file has been APPENDED to the tune report file DW0277 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0277 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DW0277 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0272 QUANT DATE: 9401052137 INJ TIME: 9401052102
SAMPLE NAME: SJ 12827S BBLANK
MISC: 1000G931227 IS#14 SUR#A BTL# 9
LASTEDIT FILE TIME: 9:40 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	108.92	100.00	109	42-120	OK
S02 Phenol-d5	116.78	100.00	117	37-115	*
S03 Nitrobenzene-d5	43.77	50.00	88	71-107	OK
S04 Decafluorobiphen	42.48	50.00	85	------	OK
S05 2-Fluorobiphenyl	54.69	50.00	109	88-130	OK
S06 2,4,6-Tribromoph	105.83	100.00	106	86-134	OK
S07 p-Terphenyl-d14	42.66	50.00	85	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0272 ^W0263

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	STANDARD AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5371	3263	6525	13050	OK

S21 Naphthalene-d8	29572	17640	35280	70560	OK
S22 Acenaphthene-d10	22144	13518	27036	54072	OK
S23 Phenanthrene-d10	52678	30804	61607	123214	OK
S24 Chrysene-d12	68566	39938	79875	159750	OK
S25 Perylene-d12	83687	48733	97465	194930	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.49	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.82	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.45	17.99	18.49	18.99	OK
S24 Chrysene-d12	24.99	24.52	25.02	25.52	OK
S25 Perylene-d12	28.42	27.95	28.45	28.95	OK

The output from LU 6 has been sucessfully spooled into the file called OW0272 .

SAN JOSE CREEK WATER QUALITY LABORATORY

Laboratory Control Standard

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0223 QUANT DATE: 9401061507 INJ TIME: 9401052145
SAMPLE NAME: SJ.12R27S QQCHECK
MISC: 1000G931227 IS#14,SUR#A BTL#10
LASTEDIT FILE TIME: 3:11 PM THU., 6 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	55.83	2		56
801	Acenaphthylene	57.17	2		57
802	Anthracene	53.28	1		53
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	63.14	2		63
805	Benzo(A)pyrene	52.92	7		53
806	Benzo(B)fluoranthene	59.76	2		60
807	Benzo(G,H,I)perylene	59.34	6		59
808	Benzo(K)fluoranthene	49.40	2		49
809	Bis(2-chloroethoxy)methane	52.56	3		53
810	Bis(2-chloroethyl)ether	54.32	5		54
811	Bis(2chloroisopropyl)ether	53.81	3		54
812	Bis(2-ethylhexyl)phthalate	60.58	10		61
813	4-Bromophenylphenylether	58.43	9		58
814	Butylbenzylphthalate	61.42	3		61
815	2-Chloronaphthalene	56.08	1		56
816	4-Chlorophenylphenylether	58.15	2		58
817	Chrysene	54.89	2		55
818	Dibenzo(A,H)anthracene	57.71	6		58
819	1,2-Dichlorobenzene	56.60	10		57
820	1,3-Dichlorobenzene	53.00	10		53
821	1,4-Dichlorobenzene	55.48	2		55
822	3,3-Dichlorobenzidine	32.27*	100		32*
823	Diethylphthalate	59.85	2		60
824	Dimethylphthalate	60.59	3		61
825	Di-n-butylphthalate	58.89	4		59
826	2,4-Dinitrotoluene	59.33	3		59
827	2,6-Dinitrotoluene	53.51	5		54
828	Di-n-octylphthalate	55.63	5		56
829	1,2-Diphenylhydrazine	56.14	1		56
830	Fluoranthene	52.05	2		52
831	Fluorene	56.70	2		57
832	Hexachlorobenzene	54.00	1		54
833	Hexachlorobutadiene	54.19	10		54
834	Hexchlor1,3cyclopentadiene	13.76*	100		14*
835	Hexachloroethane	45.69	12		46
836	Indeno(1,2,3-CD)pyrene	67.55	6		68

337 Isophorone	41.87	3		42
338 Naphthalene	54.28	2		54
339 Nitrobenzene	60.92	2		61
340 N-Nitrosodimethylamine	88.79	30		89
341 N-Nitroso-di-n-propylamine	58.25	2		58
342 Phenanthrene	52.27	1		52
343 Pyrene	56.92	2		57
344 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
345 2-Chlorophenol	49.24	8		49
346 1,2,4-Trichlorobenzene	54.91	3		55
347 2,4-Dichlorophenol	45.34	3		45
348 2,4-Dimethylphenol	47.83	3		48
349 2,4-Dinitrophenol	40.22	39		40
350 2-Methyl-4,6-dinitrophenol	39.66	17		40
351 2-Nitrophenol	41.34	5		41
352 4-Nitrophenol	42.81	6		43
353 4-Chloro-3-methylphenol	49.21	2		49
354 Pentachlorophenol	48.38	16		48
355 Phenol	48.74	3		49
356 2,4,6-Trichlorophenol	48.88	2		49
357 N-Nitrosodiphenylamine	56.96	2		57

==========NOTE==========

DATA FILE: >W0273 SAMPLE NAME: SJ 12R27S QQCHECK
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	112.44	100.00	112	42-120	OK
S02 Phenol-d5	119.56	100.00	120	37-115	*
S03 Nitrobenzene-d5	51.66	50.00	103	71-107	OK
S04 Decafluorobiphen	41.16	50.00	82	------	OK
S05 2-Fluorobiphenyl	50.61	50.00	101	88-130	OK
S06 2,4,6-Tribromoph	100.04	100.00	100	86-134	OK
S07 p-Terphenyl-d14	41.86	50.00	84	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0273 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5153	3263	6525	13050	OK
S21 Naphthalene-d8	29717	17640	35280	70560	OK
S22 Acenaphthene-d10	23183	13518	27036	54072	OK
S23 Phenanthrene-d10	54604	30804	61607	123214	OK
S24 Chrysene-d12	63591	39938	79875	159750	OK
S25 Perylene-d12	84535	48733	97465	194930	OK

	SAMPLE	I--------STANDARD----------I			
	RT	RT-0.5	RT	RT+0.5	
INTERNAL STANDARD	(MIN)	(MIN)	(MIN)	(MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.50	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.48	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.02	24.52	25.02	25.52	OK
S25 Perylene-d12	28.45	27.95	28.45	28.95	OK

The output from LU 6 has been sucessfully spooled into the file called OW0273 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >W0278 QUANT DATE: 9401061053 INJ TIME: 9401061003
SAMPLE NAME: ~~DCS=71~~
MISC: 1000 931122 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 10:56 AM THU., 6 JAN., 1994
ANALYZED BY: VERIFIED BY:

DATA FILE: ^W0278 ^W0263

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	6628	3263	6525	13050	OK
S21 Naphthalene-d8	37408	17640	35280	70560	OK
S22 Acenaphthene-d10	28945	13518	27036	54072	OK
S23 Phenanthrene-d10	64111	30804	61607	123214	OK
S24 Chrysene-d12	80146	39938	79875	159750	OK
S25 Perylene-d12	100624	48733	97465	194930	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.29	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.81	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.44	17.99	18.49	18.99	OK
S24 Chrysene-d12	24.99	24.52	25.02	25.52	OK
S25 Perylene-d12	28.42	27.95	28.45	28.95	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^W0278 CALIBRATION FILE: CLIB2
VERIFICATION TIME: 10:57 AM THU., 6 JAN., 1994

	COMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.58336	.44914	23.69			
855	Phenol	1.63353	1.75691	7.55	*		
810	Bis(2-chloroethyl)ether	1.28213	1.32263	3.16			
845	2-Chlorophenol	1.24205	1.25516	1.06			
820	1,3-Dichlorobenzene	1.40752	1.33446	5.19			
821	1,4-Dichlorobenzene	1.49104	1.36343	8.56	*		
819	1,2-Dichlorobenzene	1.55274	1.48087	4.63			
811	Bis(2chloroisopropyl)ether	.33862	.41074	21.30			
835	Hexachloroethane	.75114	.73434	2.24			
841	N-Nitroso-di-n-propylamine	1.47644	1.86518	26.33		**	
839	Nitrobenzene	.09694	.14410	48.65			
837	Isophorone	.88249	.96508	9.36			
851	2-Nitrophenol	.14140	.16260	14.99	*		
848	2,4-Dimethylphenol	.39049	.41839	7.14			
809	Bis(2-chloroethoxy)methane	.51907	.52690	1.51			
847	2,4-Dichlorophenol	.25997	.28621	10.09	*		
846	1,2,4-Trichlorobenzene	.29926	.30402	1.59			
838	Naphthalene	1.02841	.95710	6.93			
833	Hexachlorobutadiene	.19350	.21905	13.20	*		
853	4-Chloro-3-methylphenol	.44111	.49380	11.94	*		
834	Hexchlor1,3cyclopentadiene	.15963	.22982	43.97		**	
856	2,4,6-Trichlorophenol	.35959	.38749	7.76	*		
815	2-Chloronaphthalene	1.10845	1.03435	6.69			
801	Acenaphthylene	1.95667	1.89955	2.92			
824	Dimethylphthalate	1.50640	1.55727	3.38			
827	2,6-Dinitrotoluene	.23209	.30800	32.71			
800	Acenaphthene	1.27183	1.20399	5.33	*		
849	2,4-Dinitrophenol	.08794	.12827	45.86		**	
826	2,4-Dinitrotoluene	.36828	.47591	29.22			
852	4-Nitrophenol	.20041	.28581	42.61		**	
831	Fluorene	1.40751	1.39586	.83			
816	4-Chlorophenylphenylether	.63357	.59011	6.86			
823	Diethylphthalate	1.76861	1.69535	4.14			
850	2-Methyl-4,6-dinitrophenol	.09394	.12481	32.87			
857	N-Nitrosodiphenylamine	.41181	.35762	13.16	*		
829	1,2-Diphenylhydrazine	.15467	.13970	9.68			
813	4-Bromophenylphenylether	.17737	.17527	1.19			
832	Hexachlorobenzene	.25773	.27711	7.52			
854	Pentachlorophenol	.15710	.20146	28.24	*		
842	Phenanthrene	1.07193	1.02505	4.37			
802	Anthracene	1.04884	1.07324	2.33			
825	Di-n-butylphthalate	1.61578	1.55860	3.54			
830	Fluoranthene	1.35248	1.44135	6.57	*		
843	Pyrene	1.18816	1.16360	2.07			

803	Benzidine	.14165	.33683	137.79	
844	1,2,3,4-TCDD (2,3,7,8)	.19127	.25614	33.92	
814	Butylbenzylphthalate	.71366	.69227	3.00	
804	Benzo(A)anthracene	1.10003	1.11483	1.35	
817	Chrysene	1.23421	1.16400	5.69	
822	3,3-Dichlorobenzidine	.35465	.48033	35.44	
812	Bis(2-ethylhexyl)phthalate	1.04777	1.00914	3.69	
828	Di-n-octylphthalate	1.64989	1.60687	2.61	*
806	Benzo(B)fluoranthene	1.05149	1.05610	.44	
808	Benzo(K)fluoranthene	1.25742	1.11310	11.48	
805	Benzo(A)pyrene	1.12724	1.13757	.92	*
836	Indeno(1,2,3-CD)pyrene	.74710	.74831	.16	
818	Dibenzo(A,H)anthracene	.90137	.90005	.15	
807	Benzo(G,H,I)perylene	.91797	.94918	3.40	

```
PPPPP        A         SSSSS    SSSSS
P    P      A A       S     S  S     S
P    P     A   A      S        S
PPPPP     AAAAAAA      SSSSS    SSSSS
P        A       A          S        S
P       A         A  S     S  S     S
P      A           A  SSSSS    SSSSS
```

** The output from STCHK and SAREA has been spooled into the file called KW0278 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0278 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 33.80
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DCS report file KW0278 .

Operator ID: TRFIL Quant Rev: 7 Quant Time: 940106 10:58
Output File: ^W0278::D4 Injected at: 940106 10:03
Data File: >W0278::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0278::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940106 10:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	7.29	347	6628	40.00	ng/ul	94
2)	840 N-Nitrosodimethylamine	1.59	33	3688	50.00	ng/ul	72
3)	S01 2-Fluorophenol	4.00	166	10106	100.00	ng/ul	93
4)	S02 Phenol-d5	6.96	329	22600	100.00	ng/ul	92
5)	855 Phenol	6.98	330	14556	50.00	ng/ul	91
6)	810 Bis(2-chloroethyl)ether	6.85	323	10958	50.00	ng/ul	90
7)	845 2-Chlorophenol	6.87	324	10399	50.00	ng/ul	96
8)	820 1,3-Dichlorobenzene	7.11	337	11056	50.00	ng/ul	82
9)	821 1,4-Dichlorobenzene	7.32	349	11296	50.00	ng/ul	99
10)	819 1,2-Dichlorobenzene	7.67	368	12269	50.00	ng/ul	98
11)	811 Bis(2chloroisopropyl)ether	8.25	400	3403	50.00	ng/ul	99
12)	835 Hexachloroethane	8.48	413	6084	50.00	ng/ul	94
13)	841 N-Nitroso-di-n-propylamine	8.61	420	15453	50.00	ng/ul	85
14)	*S21 Naphthalene-d8	10.48	523	37408	40.00	ng/ul	91
15)	S03 Nitrobenzene-d5	8.77	429	5514	50.00	ng/ul	93
16)	839 Nitrobenzene	8.83	432	6738	50.00	ng/ul	89
17)	837 Isophorone	9.52	470	45127	50.00	ng/ul	96
18)	S04 Decafluorobiphenyl	9.39	463	17921	50.00	ng/ul	94
19)	851 2-Nitrophenol	9.63	476	7603	50.00	ng/ul	88
20)	848 2,4-Dimethylphenol	10.12	503	19564	50.00	ng/ul	93
21)	809 Bis(2-chloroethoxy)methane	10.23	509	24638	50.00	ng/ul	99
22)	847 2,4-Dichlorophenol	10.37	517	13383	50.00	ng/ul	87
23)	846 1,2,4-Trichlorobenzene	10.39	518	14216	50.00	ng/ul	94
24)	838 Naphthalene	10.52	525	22377	25.00	ng/ul	98
25)	833 Hexachlorobutadiene	10.93	548	10243	50.00	ng/ul	90
26)	853 4-Chloro-3-methylphenol	12.37	627	23090	50.00	ng/ul	92
27)	*S22 Acenaphthene-d10	14.81	762	28949	40.00	ng/ul	89
28)	834 Hexchlor1,3cyclopentadiene	12.71	646	8315	50.00	ng/ul	96
29)	856 2,4,6-Trichlorophenol	13.19	670	14020	50.00	ng/ul	92
30)	S05 2-Fluorobiphenyl	13.31	679	34384	50.00	ng/ul	89
31)	815 2-Chloronaphthalene	13.45	687	37424	50.00	ng/ul	97
32)	801 Acenaphthylene	14.43	741	34364	25.00	ng/ul	99
33)	824 Dimethylphthalate	14.51	745	56344	50.00	ng/ul	92
34)	827 2,6-Dinitrotoluene	14.60	750	11144	50.00	ng/ul	89
35)	800 Acenaphthene	14.89	766	21781	25.00	ng/ul	92
36)	849 2,4-Dinitrophenol	15.21	784	4641	50.00	ng/ul	74
37)	826 2,4-Dinitrotoluene	15.56	803	17219	50.00	ng/ul	96
38)	852 4-Nitrophenol	15.81	817	10341	50.00	ng/ul	81
39)	831 Fluorene	16.17	837	25252	25.00	ng/ul	99
40)	816 4-Chlorophenylphenylether	16.32	845	21351	50.00	ng/ul	98

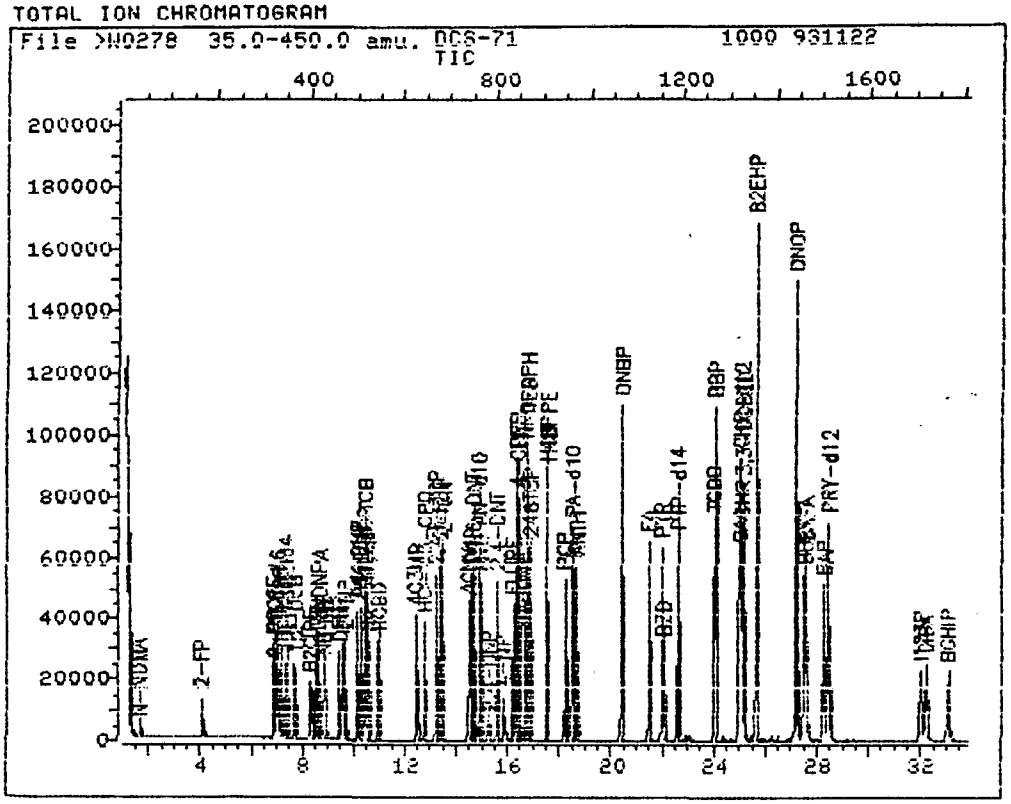
Operator ID: TRFIL Quant Rev: 7 Quant Time: 940106 10:58
Output File: ^W0278::D4 Injected at: 940106 10:03
Data File: >W0278::D2 Dilution Factor: 1.00000
Name: OCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0278::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940106 10:03

		Compound	R.T.	Scan#	Area	Conc	Units	q
41)	823	Diethylphthalate	16.30	844	61340	50.00	ng/ul	92
42)	*S23	Phenanthrene-d10	18.44	962	64111	40.00	ng/ul	98
43)	850	2-Methyl-4,6-dinitrophenol	16.54	857	10002	50.00	ng/ul	96
44)	857	N-Nitrosodiphenylamine	16.68	865	28659	50.00	ng/ul	99
45)	829	1,2-Diphenylhydrazine	16.70	866	11195	50.00	ng/ul	95
46)	S06	2,4,6-Tribromophenol	16.81	872	20898	100.00	ng/ul	90
47)	813	4-Bromophenylphenylether	17.50	910	14046	50.00	ng/ul	95
48)	832	Hexachlorobenzene	17.52	911	22207	50.00	ng/ul	80
49)	854	Pentachlorophenol	18.13	945	16145	50.00	ng/ul	92
50)	842	Phenanthrene	18.50	965	41073	25.00	ng/ul	96
51)	802	Anthracene	18.62	972	43004	25.00	ng/ul	98
52)	825	Di-n-butylphthalate	20.35	1067	124904	50.00	ng/ul	99
53)	830	Fluoranthene	21.41	1126	57754	25.00	ng/ul	99
54)	*S24	Chrysene-d12	24.99	1323	80146	40.00	ng/ul	9[illegible]
55)	843	Pyrene	21.92	1154	58286	25.00	ng/ul	[illegible]
56)	803	Benzidine	22.00	1158	33744	50.00	ng/ul	9[illegible]
57)	S07	p-Terphenyl-d14	22.56	1189	73783	50.00	ng/ul	94
58)	844	1,2,3,4-TCDD (2,3,7,8)	23.94	1265	25661	50.00	ng/ul	92
59)	814	Butylbenzylphthalate	23.99	1268	69353	50.00	ng/ul	95
60)	804	Benzo(A)anthracene	24.95	1321	55843	25.00	ng/ul	95
61)	817	Chrysene	25.04	1326	58306	25.00	ng/ul	96
62)	822	3,3-Dichlorobenzidine	25.10	1329	48121	50.00	ng/ul	99
63)	812	Bis(2-ethylhexyl)phthalate	25.57	1355	101098	50.00	ng/ul	95
64)	*S25	Perylene-d12	28.42	1512	100624	40.00	ng/ul	98
65)	828	Di-n-octylphthalate	27.11	1440	202112	50.00	ng/ul	97
66)	806	Benzo(B)fluoranthene	27.46	1459	66418	25.00	ng/ul	95
67)	808	Benzo(K)fluoranthene	27.53	1463	70003	25.00	ng/ul	93
68)	805	Benzo(A)pyrene	28.24	1502	71542	25.00	ng/ul	94
69)	836	Indeno(1,2,3-CD)pyrene	31.95	1707	47061	25.00	ng/ul	92
70)	818	Dibenzo(A,H)anthracene	32.15	1718	56604	25.00	ng/ul	97
71)	807	Benzo(G,H,I)perylene	33.00	1765	59694	25.00	ng/ul	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0278::D2 Quant Output File: ^W0278::D4
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

Id File: LW0278::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940106 10:03

Operator ID: TRFIL
Quant Time : 940106 10:58
Injected at: 940106 10:03

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DFTPP TUNE AND THE HEADING
OF EACH FILE IN THE CORRESPONDING BATCH

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-60% of mass 198	51.21	51.21	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	62.34	62.34	Ok
70	Less than 2% of mass 69	.59	.95	Ok
127	40-60% of mass 198	40.33	40.33	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.30	7.30	Ok
275	10-30% of mass 198	20.08	20.08	Ok
365	Greater than 1% of mass 198	2.49	2.49	Ok
441	0-100% of mass 443	13.91	71.29	Ok
442	Greater than 40% of mass 198	94.80	94.80	Ok
443	17-23% of mass 442	19.51	20.59	Ok

Injection Date: 01/05/94
Injection Time: 08:34
Data File: >U4995
Scan: 350

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES

FILE NAME	SAMPLE NAME	TIME ANALYZED
>U4996	DCS-71	01-05-94 08:52
>U4997	SJ 67479 LPHLFM14AN	01-05-94 09:38
>U4998	SJ 67479 LPHLFM14AS	01-05-94 10:23
>U4999	SJ 67479 LPHLFM14AD	01-05-94 11:09
>U5000	SJ 61815R LCALFR07B	01-05-94 11:55
>U5001	SJ 62160R LPHLFM32B	01-05-94 12:41
>U5002	SJ 62335R LPVLFM34B	01-05-94 13:28
>U5003	SJ 62386R LPVLFM40A	01-05-94 14:14
>U5004	SJ 62486R LPHLFLE1	01-05-94 15:01
>U5005	SJ 62539R LPVLFM37A	01-05-94 15:48
>U5006	SJ 62595R LPVLFSB3	01-05-94 16:35
>U5007	SJ 62596R LPVLFEFFL	01-05-94 17:22
>U5008	SJ 62607R LPVLFBLNK	01-05-94 18:09
>U5009	SJ 63339R LPHLFM18A	01-05-94 18:56

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE RECOVERIES OF HP GC/MS BNA SAMPLES IN A BATCH

DAILY CHECK STANDARD

DATA FILE: >U4996
SAMPLE NAME: DCS-71
INJ TIME: 01-05-94 08:52

HPFILE	SAMPLE NAME	S01	S02	S03	S04	S05	S06	S07	IQ	EX.TIM
>U4997	SJ 67479 LPHLFM14AN	91	86	110	81	117	123	118	OK	931222
>U4998	SJ 67479 LPHLFM14AS	83	81	100	76	115	119	110	OK	931222
>U4999	SJ 67479 LPHLFM14AD	54	55	70	54	89	96	101	OK	931222
>U5000	SJ 61815R LCALFR07B	60	64	79	62	96	104	109	OK	931222
>U5001	SJ 62160R LPHLFM32B	71	81	95	70	117	126	126	OK	931222
>U5002	SJ 62335R LPVLFM34B	50	55	79	59	96	102	94	OK	931222
>U5003	SJ 62386R LPVLFM40A	87	88	103	71	113	132	67	OK	931222
>U5004	SJ 62486R LPHLFLE1	76	80	92	64	98	114	104	OK	931222
>U5005	SJ 62539R LPVLFM37A	36	41	84	53	101	71	68	OK	931222
>U5006	SJ 62595R LPVLFSB3	85	86	98	69	113	126	108	OK	931222
>U5007	SJ 62596R LPVLFEFFL	80	72	98	75	110	117	102	OK	931222
>U5008	SJ 62607R LPVLFBLNK	22*	50	56*	42	75	91	108	2	931222
>U5009	SJ 63339R LPHLFM18A	34	40	46*	38	61	76	62	1	931222

SURROGATE	LIMIT OF RECOVERY (WATER)	LIMIT OF RECOVERY (IW)	LIMIT OF RECOVERY (SOIL/SEDIMENT)
S01 2-Fluorophenol	27-119	37-121	42-120
S02 Phenol-d6	23-111	20-128	37-115
S03 Nitrobenzene-d5	62-122	55-127	71-107
S04 Decafluorobiphenyl	------	------	------
S05 2-Fluorobiphenyl	56-124	54-132	88-130
S06 2,4,6-Tribromophenol	40-150	35-161	86-134
S07 p-Terphenyl-d14	37-133	40-154	49-121

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U4996
SAMPLE NAME: DCS-71
INJ TIME: 01-05-94 08:52

	S20		S21		S22	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	44223	7.26	197032	10.45	126701	14.78
UPPER LIMIT	88446	7.76	394064	10.95	253402	15.28
LOWER LIMIT	22112	6.76	98516	9.95	63351	14.28

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

|
|
v

SJ 67479	LP	32915	7.24	149219	10.43	90388	14.75
SJ 67479	LP	31044	7.24	140472	10.44	84647	14.76
SJ 67479	LP	33067	7.25	145669	10.43	89646	14.77
SJ 61815R	LC	30789	7.25	136796	10.43	81885	14.77
SJ 62160R	LP	32066	7.24	141203	10.43	86416	14.75
SJ 62335R	LP	38669	7.25	174449	10.42	102128	14.76
SJ 62386R	LP	40802	7.26	167113	10.44	99240	14.79
SJ 62486R	LP	39474	7.26	168456	10.44	107797	14.78
SJ 62539R	LP	40270	7.25	188093	10.45	110067	14.77
SJ 62595R	LP	37461	7.26	163713	10.44	103828	14.78
SJ 62596R	LP	37388	7.26	149396	10.47	91918	14.79
SJ 62607R	LP	34786	7.26	157313	10.44	99992	14.77
SJ 63339R	LP	34130	7.25	141985	10.43	86728	14.77

S20 = 1,4-Dichlorobenzene-d4
S21 = Naphthalene-d8
S22 = Acenaphthene-d10

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U4996
SAMPLE NAME: DCS-71
INJ TIME: 01-05-94 08:52

	S23		S24		S25	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	247023	18.36	246474	24.88	270688	28.29
UPPER LIMIT	494046	18.86	492948	25.38	541376	28.79
LOWER LIMIT	123512	17.86	123237	24.38	135344	27.79

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

SJ 67479	LP	171831	18.33	174023	24.85	201019	28.25
SJ 67479	LP	169164	18.34	168173	24.85	179213	28.23
SJ 67479	LP	175495	18.32	183009	24.84	198516	28.26
SJ 61815R	LC	157929	18.33	162268	24.84	180101	28.24
SJ 62160R	LP	164776	18.33	169386	24.85	182250	28.24
SJ 62335R	LP	195930	18.34	190491	24.87	215884	28.27
SJ 62386R	LP	181975	18.37	192379	24.93	218824	28.37
SJ 62486R	LP	202048	18.35	206104	24.88	238727	28.29
SJ 62539R	LP	215315	18.35	217256	24.88	233698	28.29
SJ 62595R	LP	208395	18.34	211784	24.88	238234	28.28
SJ 62596R	LP	193388	18.34	203427	24.87	222690	28.27
SJ 62607R	LP	190524	18.33	203419	24.86	230281	28.27
SJ 63339R	LP	172980	18.33	180487	24.85	199443	28.25

S23 = Phenanthrene-d10
S24 = Chrysene-d12
S25 = Perylene-d12

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

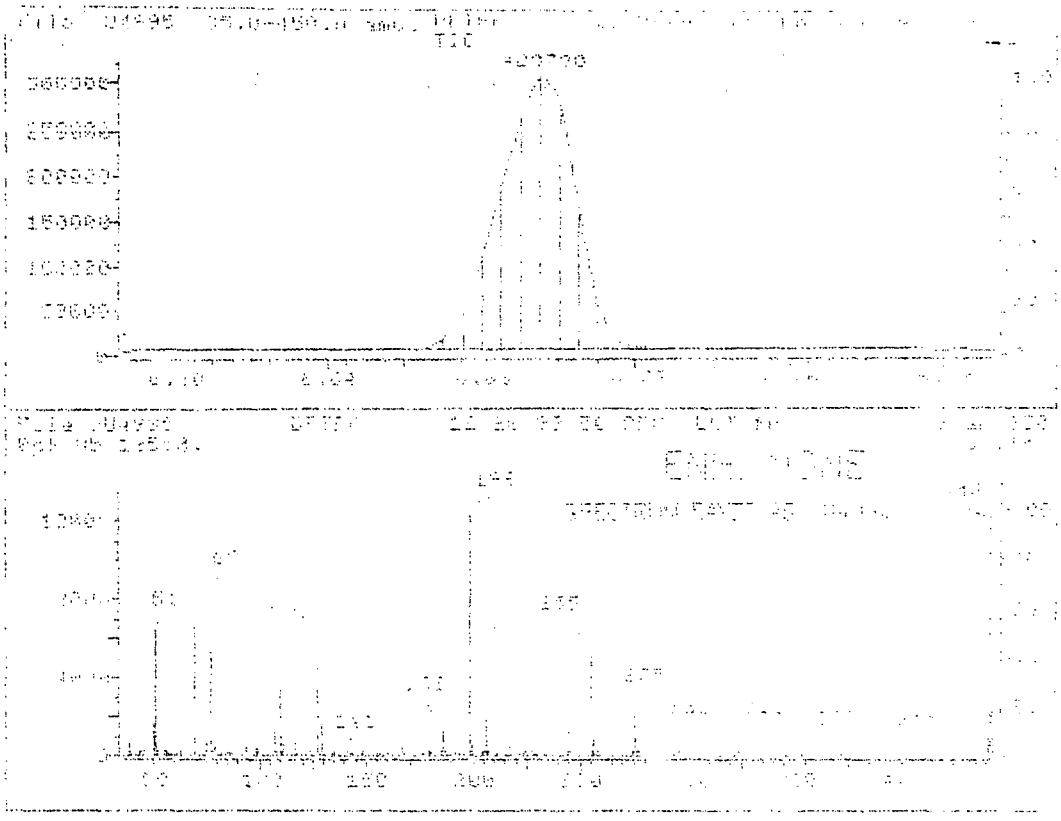
Category	Keyword
Sample Job Number	
Sample Log-in Date	
Type of Analysis	BNA
Stage of Analysis	HP-GC/MS
Information Time Stamp	010594
Injection File Name	>U4995
Document File Name	>U4995.CA

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	51.21	51.21	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	62.34	62.34	Ok
70	Less than 2% of mass 69	.59	.95	Ok
127	40-60% of mass 198	40.34	40.34	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.30	7.30	Ok
275	10-30% of mass 198	20.08	20.08	Ok
365	Greater than 1% of mass 198	2.49	2.49	Ok
441	0-100% of mass 443	13.71	71.24	Ok
442	Greater then 40% of mass 198	94.90	94.80	Ok
443	17-23% of mass 442	19.51	20.59	Ok

Injection Date: 01/05/94
Injection Time: 08:34
Data File: >004995
Scan: 350


TIC

>U4995 DPTPP 12/28/93 50 PPM LOT #A
350 NBM

File: >U4995 Scan #: 350 Retn. time: 6.56

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
35.90	.398	96.15	.311	148.05	2.199	204.10	2.263	275.95	3.211
37.20	.398	96.95	.351	149.05	.510	205.00	4.343	276.95	1.769
38.00	.972	97.95	3.713	149.95	.159	206.00	17.359	277.95	.247
39.00	5.625	98.95	3.267	151.05	.287	207.10	2.693	283.05	.175
39.90	.980	100.15	.351	151.95	.271	207.80	.629	285.05	.263
41.10	1.944	100.95	1.474	152.95	.749	208.80	.159	288.55	.088
42.00	.677	102.15	.207	154.05	.343	209.10	.175	293.05	.446
43.10	2.430	103.05	.884	154.90	1.386	210.20	.534	293.75	.104
44.10	3.076	104.05	1.227	156.10	1.259	211.00	.685	293.95	.104
45.10	2.016	105.05	1.092	157.20	.661	211.60	.327	295.95	4.980
46.00	.231	105.85	.359	158.00	.343	215.10	.263	296.95	.669
47.90	.247	107.05	10.494	158.90	.351	215.50	.215	302.95	.725
50.10	12.932	107.95	1.984	159.90	.685	216.90	4.829	304.05	.207
51.10	51.211	109.95	29.745	161.00	1.020	218.00	.534	313.75	.175
52.10	2.693	111.05	4.948	161.90	.375	221.00	7.004	314.25	.247
55.05	1.482	112.05	.653	165.00	.789	223.10	1.410	315.05	.574
56.05	1.490	112.75	.135	166.10	.749	224.00	10.709	316.15	.319
57.05	4.996	113.05	.127	166.90	3.625	225.00	2.765	320.65	.120
58.05	1.108	114.15	.215	168.00	1.880	226.00	.319	321.95	.120
59.05	.709	115.15	.319	169.00	.303	227.00	3.857	323.05	1.665
59.95	.199	116.95	8.143	170.90	.207	228.00	.757	324.05	.327
61.05	.845	117.95	.797	172.10	.335	229.00	.781	326.95	.311
61.85	.606	118.95	.255	173.10	.367	230.00	.183	328.05	.175
63.05	1.904	119.15	.263	174.10	.943	233.10	.096	331.95	.255
63.75	.327	119.95	.199	175.10	1.084	234.00	.359	332.95	.167
65.05	.861	120.85	.215	176.00	.645	235.80	.112	334.15	1.052
66.95	.685	121.35	.390	177.00	.821	237.10	.542	335.05	.343
68.95	62.343	122.05	.932	178.90	2.676	240.00	.151	341.05	.319
69.95	.590	123.05	1.625	180.00	1.888	241.00	.255	341.85	.120
71.05	.478	124.05	.534	181.10	.837	242.00	.558	346.05	.398
72.05	.112	125.05	.645	181.80	.231	243.10	.709	346.95	.080
73.05	.869	126.95	40.327	182.00	.239	244.10	9.179	352.05	.582
74.05	3.984	128.05	2.837	183.00	.223	245.10	1.386	353.15	.430
74.95	7.414	128.95	17.793	184.00	.271	245.90	1.817	354.15	.502
77.05	43.968	129.85	1.124	185.10	1.610	247.00	.375	365.00	2.486
78.05	3.044	130.05	1.108	186.00	10.398	249.10	.335	366.10	.311
78.95	3.522	130.95	.422	187.00	2.900	252.80	.191	370.70	.127
80.05	2.239	131.85	.239	188.00	.438	255.00	43.522	372.00	.964
81.05	4.112	133.05	.279	189.00	.821	256.00	6.614	372.90	.287
82.05	.956	134.15	.653	190.10	.143	257.05	.798	383.00	.271
83.15	1.410	135.05	1.625	191.20	.438	257.95	2.398	383.80	.104
84.15	.382	135.95	.622	192.00	.797	258.85	.367	401.90	.486
85.05	1.187	136.95	.725	193.10	1.053	264.95	.869	403.10	.701
86.05	1.068	137.85	.271	194.10	.207	265.95	.199	421.00	.669
86.95	.685	139.85	.135	194.90	.143	269.75	.086	423.00	4.685
89.05	.279	140.85	2.239	195.90	3.044	270.15	.088	424.10	1.171
91.05	1.355	142.05	.932	198.00	100.000	271.75	.080	441.10	15.912
91.85	.876	143.05	.661	198.90	7.299	272.95	1.331	442.10	94.797
92.95	4.908	144.95	.279	200.00	.526	273.95	3.486	443.10	19.514
93.85	.406	145.95	.438	201.40	.725	274.95	20.080	444.10	1.665

95.15 .534 147.05 1.235 203.00 .430

GC/MS PERFORMANCE STANDARD

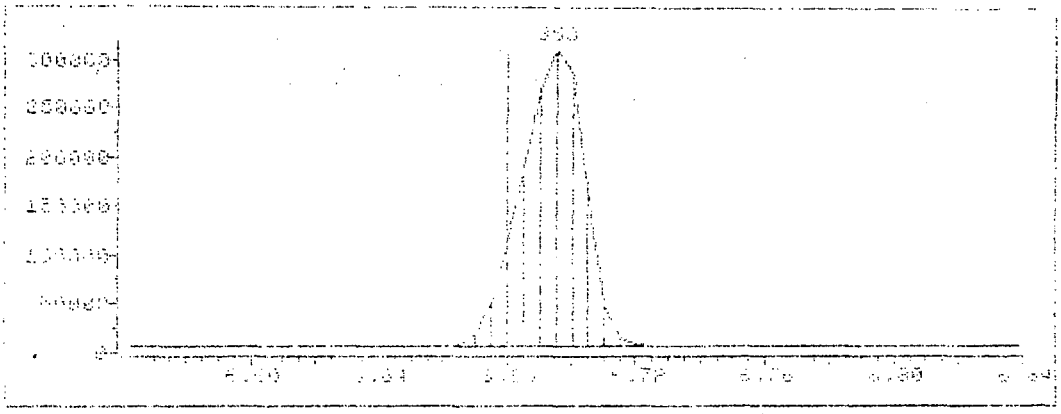
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	71.04	71.04	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	72.12	72.12	Ok
70	Less than 2% of mass 69	.37	.52	Ok
127	40-60% of mass 198	45.24	45.24	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.70	6.70	Ok
275	10-30% of mass 198	22.17	22.17	Ok
365	Greater than 1% of mass 198	2.22	2.22	Ok
441	0-100% of mass 443	13.36	79.72	Ok
442	Greater than 40% of mass 198	86.16	86.16	Ok
443	17-23% of mass 442	16.76	19.46	Ok

Injection Date: 01/05/94
Injection Time: 08:34
Data File: >04995
Scan: 353

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TU4995	5970	12/28/93 15:44

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.8	ION FOCUS	(0 - 204 V)	74
ENT. LENS	(0 - 255 MV/AMU)	64	X - RAY	(0 - 204 V)	32
EL. MULT	(0 - 3000 V)	1984			
AMU GAIN	(0 - 255)	114	AMU OFFSET	(0 - 255)	9
AXIS GAIN	(0 - +/- 999)	-32	AXIS OFFSET	(0 - +/- 999)	18

This tune file has been APPENDED to the tune report file DU4995 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MU4995 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 5.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 0 Operating Conditions

Number of samples washes:	3	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	7
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1950
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file MU4995 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DFTPP TUNE AND THE HEADING
OF EACH FILE IN THE CORRESPONDING BATCH

1/21
JW.28

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-60% of mass 198	59.49	59.49	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	73.02	73.02	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	42.70	42.70	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.53	7.53	Ok
275	10-30% of mass 198	20.41	20.41	Ok
365	Greater than 1% of mass 198	2.77	2.77	Ok
441	0-100% of mass 443	9.92	76.79	Ok
442	Greater than 40% of mass 198	66.83	66.83	Ok
443	17-23% of mass 442	12.91	12.91	Ok

Injection Date: 01/28/94
Injection Time: 14:47
Data File: >W0415
Scan: 730

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES

FILE NAME	SAMPLE NAME	TIME ANALYZED
>W0415	DCF-71	01-28-94 14:59
>W0417	SJ 01R21S SBLANK	01-28-94 16:44
>W0418	SJ 01R21S %REC	01-28-94 17:27
>W0419	SJ 67073R LPVLFAHCP	01-28-94 18:10
>W0420	SJ 67074R LPVLFAHCP	01-28-94 18:53
>W0421	SJ 67123R LPVLFAHCP	01-28-94 19:36
>W0423	SJ 67125R LPVLFAHCP	01-28-94 20:19
>W0425	SJ 67126R LPVLFAHCP	01-28-94 21:02
>W0424	SJ 67377R LPVLFAHCP	01-28-94 21:44
>W0425	SJ 67381R LPVLFAHCP	01-28-94 22:27
>W0426	SJ 67429R LPVLFAHCP	01-28-94 23:08
>W0427	SJ 67430R LPVLFAHCPN	01-28-94 23:51
>W0428	SJ 67430R LPVLFAHCP5	01-29-94 00:32
>W0429	SJ 67430R LPVLFAHCPD	01-29-94 01:14

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE RECOVERIES OF HP GC/MS BNA SAMPLES IN A BATCH

DAILY CHECK STANDARD

DATA FILE: >W0416
SAMPLE NAME: DCS-71
INJ TIME: 01-28-94 15:59

HPFILE	SAMPLE NAME	S01	S02	S03	S04	S05	S06	S07	TC	EX.TIM
>W0417	SJ 01B21S BBLANK	0*	53	70*	81	107	93	87	1	940121
>W0418	SJ 01R21S %REC	36*	59	91	70	97	111	98	1	940121
>W0419	SJ 67073R LPVLFAHCP	54	77	91	84	105	98	95	OK	940121
>W0420	SJ 67074R LPVLFAHCP	67	86	110*	95	120	24*	93	2	940121
>W0421	SJ 67123R LPVLFAHCP	50	74	101	91	111	95	82	OK	940121
>W0422	SJ 67125R LPVLFAHCP	23*	47	73	82	112	66*	52	2	940121
>W0423	SJ 67126R LPVLFAHCP	47	67	96	84	107	85*	78	1	940121
>W0424	SJ 67377R LPVLFAHCP	28*	39	64*	65	98	94	81	1	940121
>W0425	SJ 67381R LPVLFAHCP	53	74	104	100	117	82*	86	1	940121
>W0426	SJ 67429R LPVLFAHCS	66	81	108*	103	115	118	79	1	940121
>W0427	SJ 67430R LPVLFAHCPN	61	70	84	85	106	98	70	OK	940121
>W0428	SJ 67430R LPVLFAHCPS	54	66	90	87	108	119	76	OK	940121
>W0429	SJ 67430R LPVLFAHCPD	48	69	87	91	111	124	83	OK	940121

SURROGATE	LIMIT OF RECOVERY (WATER)	LIMIT OF RECOVERY (TW)	LIMIT OF RECOVERY (SOIL/SEDIMENT)
S01 2-Fluorophenol	27-119	37-121	43-120
S02 Phenol-d6	23-111	20-124	37-112
S03 Nitrobenzene-d5	60-130	55-127	71-107
S04 Decafluorobiphenyl	------	------	------
S05 2-Fluorobiphenyl	56-124	54-132	86-130
S06 2,4,6-Tribromophenol	40-150	35-161	86-134
S07 p-Terphenyl-d14	37-133	40-154	45-121

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >W0416
SAMPLE NAME: DCS-71
INJ TIME: 01-28-94 15:59

	S20		S21		S22	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	3718	6.97	21573	10.18	17396	14.50
UPPER LIMIT	7436	7.47	43146	10.68	34792	15.00
LOWER LIMIT	1859	6.47	10787	9.68	8698	14.00

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

SJ 018016 B	3220	6.96	17804	10.16	14163	14.49
SJ 018017 S	3919	6.96	19478	10.17	15946	14.51
SJ 670738 LP	3276	6.95	19852	10.16	15319	14.48
SJ 670748 LP	3100	6.96	17414	10.16	14304	14.49
SJ 671208 LP	3114	6.96	17951	10.16	13820	14.48
SJ 671258 LP	3170	6.96	18627	10.15	14214	14.48
SJ 671248 LP	3274	6.94	18929	10.15	15724	14.49
SJ 673778 LP	3323	6.94	19075	10.15	15450	14.48
SJ 673818 LP	3366	6.95	19342	10.14	14765	14.47
SJ 674398 LP	3330	6.96	19438	10.15	16150	14.48
SJ 674308 LP	3437	6.96	20572	10.15	16084	14.47
SJ 674378 LP	3628	6.94	20811	10.15	16840	14.48
SJ 674308 LP	3570	6.94	20204	10.15	16357	14.48

S20 = 1,4-Dichlorobenzene-d4
S21 = Naphthalene-d8
S22 = Acenaphthene-d10

UPPER LIMIT
Internal standard AREA x 2
Internal standard RT + 0.5 MIN
LOWER LIMIT
Internal standard AREA / 2
Internal standard RT - 0.5 MIN

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: JW0416
SAMPLE NAME: DCS-71
INJ TIME: 01-28-94 15:59

	S23		S24		S25	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	40413	18.13	50216	24.04	50498	27.94
UPPER LIMIT	60644	18.63	100422	25.14	100796	28.44
LOWER LIMIT	20011	17.63	25108	24.14	25199	27.44

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

SJ 013215 E	34 38	18.10	2[illegible]12	24.1[illegible]	[illegible]3379	27.93
SJ 012821S %	34639	18.11	41[illegible]7	24.[illegible]3	41471	27.92
SJ 67077R LP	33874	18.11	42612	24.54	47114	27.91
SJ 67074R LP	31200	18.10	42076	24.01	4[illegible]4[illegible]	27.92
SJ 67123R LP	31408	18.10	39[illegible]8	24.59	42529	27.91
SJ 67125R LP	30834	18.04	41165	24.14	[illegible]7753	27.91
SJ 67176R LP	3542[illegible]	18.10	46712	24.60	54351	27.90
SJ 67377S LP	36735	18.09	45384	24.59	55103	27.91
SJ 67361R LP	36[illegible]19	18.10	45539	24.59	52366	27.90
SJ 67429R LP	36100	18.09	49435	24.60	58075	27.90
SJ 67430R LP	37110	18.10	47795	24.60	53125	27.90
SJ 67430R LP	37368	18.09	50141	24.60	56265	27.90
SJ 67430R LP	36[illegible]3	18.09	4[illegible]31	24.60	55435	27.90

S23 = Phenanthrene-d10
S24 = Chrysene-d12
S25 = Perylene-d12

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67376	12/13/93	12/27/93	01/06/94
SJ67377	12/13/93	12/27/93	01/06/94
SJ67378	12/13/93	12/27/93	01/06/94
SJ67379	12/13/93	12/27/93	01/06/94
SJ67380	12/14/93	12/27/93	01/06/94
SJ67381	12/14/93	12/27/93	01/06/94
SJ67429	12/17/93	12/27/93	01/06/94
SJ67430	12/17/93	12/27/93	01/06/94
SJ67431	12/17/93	12/27/93	01/06/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0274 QUANT DATE: 9401052303 INJ TIME: 9401052228
SAMPLE NAME: SJ 67376 LPVLFAHCP
MISC: 1000G931227 931213 IS#14 SUR#A BTL#11
LASTEDIT FILE TIME: 11:06 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	4.43*	7		4*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0274 SAMPLE NAME: SJ 67376 LPULFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	95.21	100.00	95	42-120	OK
S02 Phenol-d5	92.85	100.00	93	37-115	OK
S03 Nitrobenzene-d5	51.75	50.00	103	71-107	OK
S04 Decafluorobiphen	48.39	50.00	97	------	OK
S05 2-Fluorobiphenyl	55.31	50.00	111	88-130	OK
S06 2,4,6-Tribromoph	111.97	100.00	112	86-134	OK
S07 p-Terphenyl-d14	39.70	50.00	79	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0274 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5155	3263	6525	13050	OK
S21 Naphthalene-d8	29447	17640	35280	70560	OK
S22 Acenaphthene-d10	23496	13518	27036	54072	OK
S23 Phenanthrene-d10	54105	30804	61607	123214	OK
S24 Chrysene-d12	74032	39938	79875	159750	OK
S25 Perylene-d12	88351	48733	97465	194930	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.45	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.43	27.95	28.45	28.95	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0275 QUANT DATE: 9401052346 INJ TIME: 9401052311
SAMPLE NAME: SJ 67377 LPVLFAHCP
MISC: 1000G931227 931213 IS#14 SUR#A BTL#12
LASTEDIT FILE TIME: 11:49 PM WED., 5 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	5.10*	7		9*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0275 SAMPLE NAME: SJ 67377 LPULFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12827S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	117.92	100.00	118	42-120	OK
S02 Phenol-d5	124.24	100.00	124	37-115	*
S03 Nitrobenzene-d5	47.92	50.00	96	71-107	OK
S04 Decafluorobiphen	44.82	50.00	90	------	OK
S05 2-Fluorobiphenyl	53.38	50.00	107	88-130	OK
S06 2,4,6-Tribromoph	114.99	100.00	115	86-134	OK
S07 p-Terphenyl-d14	39.09	50.00	78	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0275 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5249	3263	6525	13050	OK
S21 Naphthalene-d8	30065	17640	35280	70560	OK
S22 Acenaphthene-d10	24060	13518	27036	54072	OK
S23 Phenanthrene-d10	53882	30804	61607	123214	OK
S24 Chrysene-d12	74090	39938	79875	159750	OK
S25 Perylene-d12	88494	48733	97465	194930	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.48	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.83	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.49	17.99	18.49	18.99	OK
S24 Chrysene-d12	25.00	24.52	25.02	25.52	OK
S25 Perylene-d12	28.42	27.95	28.45	28.95	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0276 QUANT DATE: 9401060029 INJ TIME: 9401052354
SAMPLE NAME: SJ 67378 LPULFAHCP
MISC: 1000G931227 931213 IS#14 SUR#A BTL#13
LASTEDIT FILE TIME: 12:32 AM THU., 6 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	2.98*	7		3*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0276 SAMPLE NAME: SJ 67378 LPVLFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-05-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12827S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	106.40	100.00	106	42-120	OK
S02 Phenol-d5	106.75	100.00	107	37-115	OK
S03 Nitrobenzene-d5	49.30	50.00	99	71-107	OK
S04 Decafluorobiphen	49.00	50.00	98	------	OK
S05 2-Fluorobiphenyl	55.04	50.00	110	88-130	OK
S06 2,4,6-Tribromoph	109.31	100.00	109	86-134	OK
S07 p-Terphenyl-d14	40.75	50.00	81	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0276 ^W0263

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5537	3263	6525	13050	OK
S21 Naphthalene-d8	30229	17640	35280	70560	OK
S22 Acenaphthene-d10	23883	13518	27036	54072	OK
S23 Phenanthrene-d10	55250	30804	61607	123214	OK
S24 Chrysene-d12	72304	39938	79875	159750	OK
S25 Perylene-d12	87221	48733	97465	194930	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.30	6.81	7.31	7.81	OK
S21 Naphthalene-d8	10.47	10.01	10.51	11.01	OK
S22 Acenaphthene-d10	14.82	14.34	14.84	15.34	OK
S23 Phenanthrene-d10	18.45	17.99	18.49	18.99	OK
S24 Chrysene-d12	24.99	24.52	25.02	25.52	OK
S25 Perylene-d12	28.42	27.95	28.45	28.95	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0279 QUANT DATE: 9401061125 INJ TIME: 9401061050
SAMPLE NAME: SJ 67379 LPULFAHCP
MISC: 1000G931227 931213 IS#14 SUR#A BTL# 1
LASTEDIT FILE TIME: 11:28 AM THU., 6 JAN., 1994
ANALYZED BY: VERIFIED BY

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	1.96*	7		2*
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	5.48	4		5
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0279 SAMPLE NAME: SJ 67379 LPVLFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 128279 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	103.68	100.00	104	42-120	OK
S02 Phenol-d5	115.42	100.00	115	37-115	OK
S03 Nitrobenzene-d5	39.23	50.00	78	71-107	OK
S04 Decafluorobiphen	37.81	50.00	76	------	OK
S05 2-Fluorobiphenyl	54.68	50.00	109	88-130	OK
S06 2,4,6-Tribromoph	91.12	100.00	91	86-134	OK
S07 p-Terphenyl-d14	34.73	50.00	69	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0279 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4935	3314	6628	13256	OK
S21 Naphthalene-d8	28628	18704	37408	74816	OK
S22 Acenaphthene-d10	21205	14473	28945	57890	OK
S23 Phenanthrene-d10	52971	32056	64111	128222	OK
S24 Chrysene-d12	68280	40073	80146	160292	OK
S25 Perylene-d12	80410	50312	100624	201248	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.26	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.46	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.79	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.42	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.96	24.49	24.99	25.49	OK
S25 Perylene-d12	28.39	27.92	28.42	28.92	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0280 QUANT DATE: 9401061209 INJ TIME: 9401061134
SAMPLE NAME: SJ 67380 LPVLFAHCP
MISC: 1000G931227 931214 IS#14 SUR#A BTL# 2
LASTEDIT FILE TIME: 12:12 PM / THU., 6 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		18M DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0280 SAMPLE NAME: SJ 67380 LPVLFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	91.18	100.00	91	42-120	OK
S02 Phenol-d5	106.03	100.00	106	37-115	OK
S03 Nitrobenzene-d5	36.53	50.00	73	71-107	OK
S04 Decafluorobiphen	37.03	50.00	74	------	OK
S05 2-Fluorobiphenyl	50.32	50.00	101	88-130	OK
S06 2,4,6-Tribromoph	98.01	100.00	98	86-134	OK
S07 p-Terphenyl-d14	33.93	50.00	68	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0280 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4679	3314	6628	13256	OK
S21 Naphthalene-d8	25500	18704	37408	74816	OK
S22 Acenaphthene-d10	20122	14473	28945	57890	OK
S23 Phenanthrene-d10	47922	32056	64111	128222	OK
S24 Chrysene-d12	63330	40073	80146	160292	OK
S25 Perylene-d12	74960	50312	100624	201248	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.27	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.46	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.80	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.43	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.96	24.49	24.99	25.49	OK
S25 Perylene-d12	28.39	27.92	28.42	28.92	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0281 QUANT DATE: 9401061254 INJ TIME: 9401061219
SAMPLE NAME: SJ 67381 LPVLFAHCP
MISC: 1000G931227 931214 IS#14 SUR#A BTL# 3
LASTEDIT FILE TIME: 12:57 PM THU., 6 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12

836 Indeno(1,2,3-CD)pyrene	ND	6	<	6	
837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0281 SAMPLE NAME: SJ 67381 LPVLFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12827S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	69.47	100.00	69	42-120	OK
S02 Phenol-d5	90.45	100.00	90	37-119	OK
S03 Nitrobenzene-d5	39.81	50.00	80	71-107	OK
S04 Decafluorobiphen	41.13	50.00	82	------	OK
S05 2-Fluorobiphenyl	46.36	50.00	93	88-130	OK
S06 2,4,6-Tribromoph	74.36	100.00	74	86-134	*
S07 p-Terphenyl-d14	31.60	50.00	63	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0281 ^W0278

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	5209	3314	6628	13256	OK
S21 Naphthalene-d8	27026	18704	37408	74816	OK
S22 Acenaphthene-d10	21875	14473	28945	57890	OK
S23 Phenanthrene-d10	52110	32056	64111	128222	OK
S24 Chrysene-d12	69902	40073	80146	160292	OK
S25 Perylene-d12	84573	50312	100624	201248	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.28	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.49	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.80	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.43	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.98	24.49	24.99	25.49	OK
S25 Perylene-d12	28.39	27.92	28.42	28.92	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0282 QUANT DATE: 9401061338 INJ TIME: 9401061303
SAMPLE NAME: SJ 67429 LPVLFAHCPN
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 4
LASTEDIT FILE TIME: 1:41 PM THU., 6 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0282 SAMPLE NAME: SJ 67429 LPVLFAHCPN
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	60.19	100.00	60	42-120	OK
S02 Phenol-d5	66.61	100.00	67	37-119	OK
S03 Nitrobenzene-d5	23.03	50.00	46	71-107	*
S04 Decafluorobiphen	24.67	50.00	49	------	OK
S05 2-Fluorobiphenyl	36.71	50.00	73	88-130	*
S06 2,4,6-Tribromoph	98.34	100.00	98	86-134	*
S07 p-Terphenyl-d14	24.01	50.00	48	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0282 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6753	3314	6628	13256	OK
S21 Naphthalene-d8	37693	18704	37408	74816	OK
S22 Acenaphthene-d10	27390	14473	28945	57890	OK
S23 Phenanthrene-d10	69373	32056	64111	128222	OK
S24 Chrysene-d12	88535	40073	80146	160292	OK
S25 Perylene-d12	104628	50312	100624	201248	OK

	SAMPLE	I--------STANDARD-------------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.28	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.47	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.80	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.45	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.97	24.49	24.99	25.49	OK
S25 Perylene-d12	28.40	27.92	28.42	28.92	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >W0282 QUANT DATE: 9401061338 INJ TIME: 9401061303
SAMPLE NAME: SJ 67429 LPULFAHCPN
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 4
LAST EDIT FILE TIME: 11:18 AM TUE., 25 JAN., 1994

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
601	94	98	60	84	100	84
602	99	110	67	92	100	92
603	40	39	23	34	50	68
604	40	39	25	35	50	69
605	54	51	37	47	50	95
606	95	91	58	82	100	82
607	35	33	24	31	50	61

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The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
600	47	43	ND	45	50	91	63-109	OK	9	0-22	OK
621	46	45	ND	46	50	91	48-119	OK	3	0-24	OK
626	28	24	ND	26	50	53	57-124	**	14	0-22	OK
641	34	32	ND	36	50	71	56-117	OK	7	0-29	OK
643	47	44	ND	45	50	91	41-129	OK	5	0-18	OK
645	47	50	ND	49	50	97	57-104	OK	7	0-23	OK
646	48	47	ND	47	50	95	53-119	OK	2	0-26	OK
652	27	23	ND	25	50	49	49-128	OK	14	0-21	OK
653	49	45	ND	47	50	94	63-112	OK	7	0-27	OK
654	40	33	ND	36	50	72	47-136	OK	20	0-30	OK
655	46	48	ND	47	50	93	45-113	OK	4	0-34	OK

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THE RECOVERIES OF ALL SPIKED COMPOUNDS ARE OK IN QC CHECK STANDARD.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0283 QUANT DATE: 9401250929 INJ TIME: 9401061348
SAMPLE NAME: SJ 67429 LPVLFAHCPS
MISC: 1000G931222 931217 IS#14 SUR#A BTL# 5
LASTEDIT FILE TIME: 9:43 AM TUE., 25 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)		METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	47.25		2		47
801	Acenaphthylene	ND		2	<	2
802	Anthracene	ND		1	<	1
803	Benzidine	ND		62	<	62
804	Benzo(A)anthracene	ND		2	<	2
805	Benzo(A)pyrene	ND		2	<	2
806	Benzo(B)fluoranthene	ND		2	<	2
807	Benzo(G,H,I)perylene	ND		6	<	6
808	Benzo(K)fluoranthene	ND		2	<	2
809	Bis(2-chloroethoxy)methane	ND		3	<	3
810	Bis(2-chloroethyl)ether	ND		5	<	5
811	Bis(2chloroisopropyl)ether	ND		3	<	3
812	Bis(2-ethylhexyl)phthalate	ND		10	<	10
813	4-Bromophenylphenylether	ND		4	<	4
814	Butylbenzylphthalate	ND		3	<	3
815	2-Chloronaphthalene	ND		1	<	1
816	4-Chlorophenylphenylether	ND		2	<	2
817	Chrysene	ND		2	<	2
818	Dibenzo(A,H)anthracene	ND		6	<	6
819	1,2-Dichlorobenzene	ND		10	<	10
820	1,3-Dichlorobenzene	ND		10	<	10
821	1,4-Dichlorobenzene	46.26		2		46
822	3,3-Dichlorobenzidine	ND		100	<	100
823	Diethylphthalate	ND		2	<	2
824	Dimethylphthalate	ND		3	<	3
825	Di-n-butylphthalate	ND		4	<	4
826	2,4-Dinitrotoluene	28.14		3		28
827	2,6-Dinitrotoluene	ND		5	<	5
828	Di-n-octylphthalate	ND		9	<	9
829	1,2-Diphenylhydrazine	ND		1	<	1
830	Fluoranthene	ND		2	<	2
831	Fluorene	ND		2	<	2
832	Hexachlorobenzene	ND		1	<	1
833	Hexachlorobutadiene	ND		10	<	10
834	Hexachlorocyclopentadiene	ND		100	<	100
835	Hexachloroethane	ND		12	<	12
836	Indeno(1,2,3-CD)pyrene	ND		6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	34.24	2		34
842 Phenanthrene	ND	1	<	1
843 Pyrene	46.67	2		47
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	46.94	8		47
846 1,2,4-Trichlorobenzene	47.81	3		48
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	26.94	6		27
853 4-Chloro-3-methylphenol	48.64	2		49
854 Pentachlorophenol	39.88	16		40
855 Phenol	45.96	3		46
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0283 SAMPLE NAME: SJ 6/429 LPULFAMLPS
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0282 SAMPLE NAME: SJ 6/429 LPULFAMLPB

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MNK
S01 2-Fluorophenol	94.86	100.00	94	42-120	UK
S02 Phenol-d5	98.71	100.00	99	24-119	UK
S03 Nitrobenzene-d5	40.00	50.00	80	23-107	UK
S04 Decafluorobiphen	40.49	50.00	81	------	UK
S05 2-Fluorobiphenyl	54.12	50.00	108	88-130	UK
S06 2,4,6-Tribromoph	99.42	100.00	99	86-134	UK
S07 p-Terphenyl-d14	34.94	50.00	70	49-121	UK

Initial Volume is 1000 ML

DATA FILE: ^W0283 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	5119	3314	6628	13296	OK
S21 Naphthalene-d8	27389	18704	37408	74816	OK
S22 Acenaphthene-d10	21099	14473	28945	57890	OK
S23 Phenanthrene-d10	48962	32096	64111	128222	OK
S24 Chrysene-d12	62282	40073	80146	160292	OK
S25 Perylene-d12	73729	50312	100624	201248	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.28	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.46	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.81	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.44	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.97	24.49	24.99	25.49	OK
S25 Perylene-d12	28.40	27.92	28.42	28.92	OK

The output from LU 6 has been successfully spooled into the file called OW0283 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0284 QUANT DATE: 9401061510 INJ TIME: 9401061433
SAMPLE NAME: SJ 67429 LPVLFAHCPD
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 6
LASTEDIT FILE TIME: 3:21 PM THU., 6 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	43.34	2		43
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	45.02	2		45
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	24.39	3		24
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	36.79	2		37
842	Phenanthrene	ND	1	<	1
843	Pyrene	44.26	2		44
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	50.19	8		50
846	1,2,4-Trichlorobenzene	46.74	3		47
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	22.96	6		23
853	4-Chloro-3-methylphenol	45.31	2		45
854	Pentachlorophenol	32.60	16		33
855	Phenol	47.52	3		48
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0284 SAMPLE NAME: SJ 67429 LPVLFAHCPD
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0282 SAMPLE NAME: SJ 67429 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	98.36	100.00	98	42-120	OK
S02 Phenol-d5	109.72	100.00	110	37-115	OK
S03 Nitrobenzene-d5	38.65	50.00	77	71-107	OK
S04 Decafluorobiphen	38.83	50.00	78	------	OK
S05 2-Fluorobiphenyl	50.96	50.00	102	88-130	OK
S06 2,4,6-Tribromoph	91.30	100.00	91	86-134	OK
S07 p-Terphenyl-d14	33.01	50.00	66	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0284 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4658	3314	6628	13256	OK
S21 Naphthalene-d8	25723	18704	37408	74816	OK
S22 Acenaphthene-d10	20066	14473	28945	57890	OK
S23 Phenanthrene-d10	46993	32056	64111	128222	OK
S24 Chrysene-d12	60981	40073	80146	160292	OK
S25 Perylene-d12	70560	50312	100624	201248	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.28	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.47	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.81	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.44	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.96	24.49	24.99	25.49	OK
S25 Perylene-d12	28.39	27.92	28.42	28.92	OK

The output from LU 6 has been sucessfully spooled into the file called OW0284 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0285 QUANT DATE: 9401061554 INJ TIME: 9401061518
SAMPLE NAME: SJ 67430 LPVLFAHCP
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 7
LASTEDIT FILE TIME: 3:57 PM THU., 6 JAN., 1994
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0285 SAMPLE NAME: SJ 67430 LPVLFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12827S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	84.49	100.00	84	42-120	OK
S02 Phenol-d5	102.63	100.00	103	37-115	OK
S03 Nitrobenzene-d5	35.34	50.00	71	71-107	OK
S04 Decafluorobiphen	36.72	50.00	73	------	OK
S05 2-Fluorobiphenyl	49.93	50.00	100	88-130	OK
S06 2,4,6-Tribromoph	78.41	100.00	78	86-134	*
S07 p-Terphenyl-d14	32.88	50.00	66	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0285 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4568	3314	6628	13256	OK
S21 Naphthalene-d8	24646	18704	37408	74816	OK
S22 Acenaphthene-d10	19916	14473	28945	57890	OK
S23 Phenanthrene-d10	47669	32056	64111	128222	OK
S24 Chrysene-d12	60910	40073	80146	160292	OK
S25 Perylene-d12	70877	50312	100624	201248	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.27	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.46	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.82	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.44	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.97	24.49	24.99	25.49	OK
S25 Perylene-d12	28.40	27.92	28.42	28.92	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0286 QUANT DATE: 9401061638 INJ TIME: 9401061604
SAMPLE NAME: SJ 67431 LPVLFAHCP
MISC: 1000G931227 931217 IS#14 SUR#A BTL# 8
LASTEDIT FILE TIME: 4:41 PM THU., 6 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0286 SAMPLE NAME: SJ 67431 LPULFAHCP
EXTRACTION DATE: 12-27-93 INJECTION DATE: 01-06-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0272 SAMPLE NAME: SJ 12B27S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	96.53	100.00	97	42-120	OK
S02 Phenol-d5	110.00	100.00	110	37-119	OK
S03 Nitrobenzene-d5	37.51	50.00	75	71-107	OK
S04 Decafluorobiphen	39.58	50.00	79	------	OK
S05 2-Fluorobiphenyl	56.19	50.00	112	88-130	OK
S06 2,4,6-Tribromoph	93.65	100.00	94	86-134	OK
S07 p-Terphenyl-d14	38.27	50.00	77	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0286 ^W0278

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4425	3314	6628	13256	OK
S21 Naphthalene-d8	24325	18704	37408	74816	OK
S22 Acenaphthene-d10	18539	14473	28945	57890	OK
S23 Phenanthrene-d10	44786	32056	64111	128222	OK
S24 Chrysene-d12	59323	40073	80146	160292	OK
S25 Perylene-d12	66974	50312	100624	201248	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.27	6.79	7.29	7.79	OK
S21 Naphthalene-d8	10.47	9.98	10.48	10.98	OK
S22 Acenaphthene-d10	14.80	14.31	14.81	15.31	OK
S23 Phenanthrene-d10	18.43	17.94	18.44	18.94	OK
S24 Chrysene-d12	24.97	24.49	24.99	25.49	OK
S25 Perylene-d12	28.38	27.92	28.42	28.92	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY Reset

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0425 QUANT DATE: 9401282300 INJ TIME: 9401282226
SAMPLE NAME: SJ 67381R LPVLFAHCP
MISC: 1000G940121 931214 IS#15 SUR#28 BTL# 9
LASTEDIT FILE TIME: 11:03 PM FRI., 28 JAN., 1994
ANALYZED BY: Rudy Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0425 SAMPLE NAME: SJ 67381R LPVLFAHCP
EXTRACTION DATE: 01-21-94 INJECTION DATE: 01-28-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0417 SAMPLE NAME: SJ 01B21S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	92.68	100.00	93	42-120	OK
S02 Phenol-d5	73.94	100.00	74	37-115	OK
S03 Nitrobenzene-d5	51.92	50.00	104	71-107	OK
S04 Decafluorobiphen	49.98	50.00	100	------	OK
S05 2-Fluorobiphenyl	58.48	50.00	117	88-130	OK
S06 2,4,6-Tribromoph	81.65	100.00	82	86-134	*
S07 p-Terphenyl-d14	40.88	50.00	82	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0425 ^W0416

SAMPLE |--------STANDARD----------|

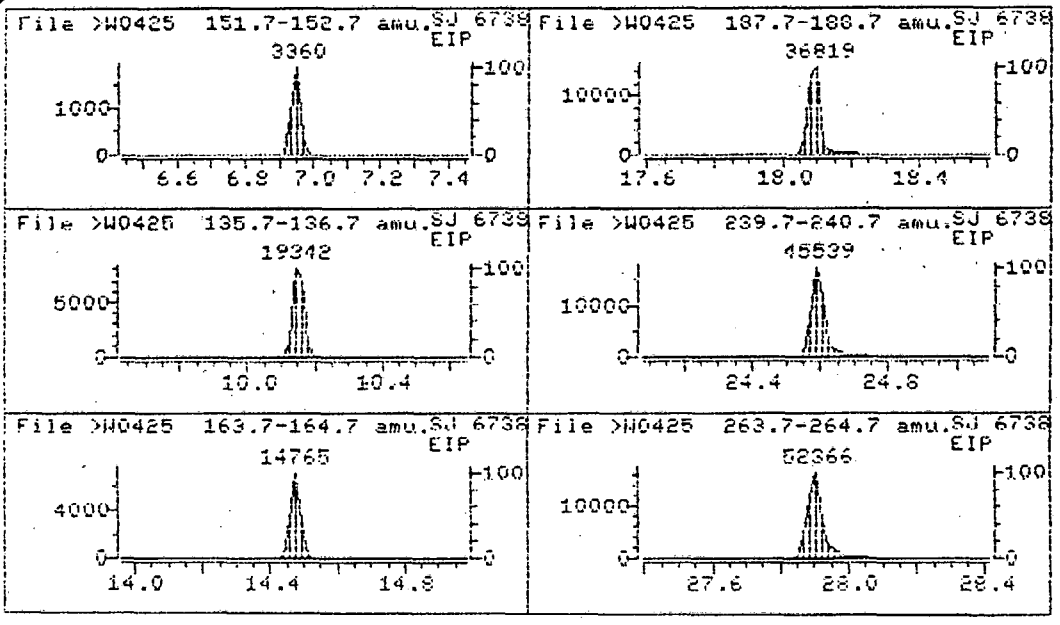
INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	3360	1859	3718	7436	OK
S21 Naphthalene-d8	19342	10787	21573	43146	OK
S22 Acenaphthene-d10	14765	8698	17396	34792	OK
S23 Phenanthrene-d10	36819	20211	40422	80844	OK
S24 Chrysene-d12	45539	25108	50216	100432	OK
S25 Perylene-d12	52366	25199	50398	100796	OK

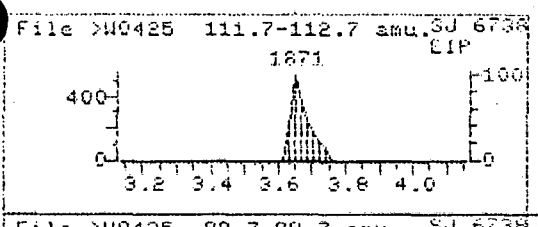
	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	6.95	6.47	6.97	7.47	OK
S21 Naphthalene-d8	10.14	9.68	10.18	10.68	OK
S22 Acenaphthene-d10	14.47	14.00	14.50	15.00	OK
S23 Phenanthrene-d10	18.10	17.63	18.13	18.63	OK
S24 Chrysene-d12	24.59	24.14	24.64	25.14	OK
S25 Perylene-d12	27.90	27.44	27.94	28.44	OK

NOTES TO THE USERS: MI Confirmed — Report orig run (0,a)

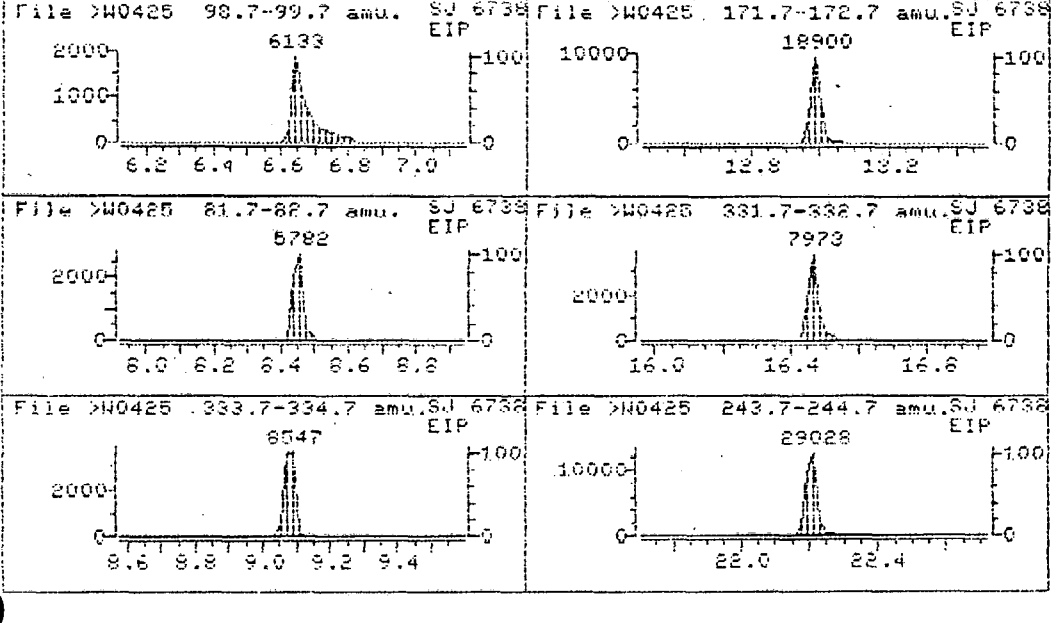
SJ 67361R LPVLFAHCP

EIP	&	INTG. OF INT.STD.
152	S20	1 4-DICHLOROBENZENE-D4
136	S21	NAPHTHALENE-D8
164	S22	ACENAPHTHENE-D10
188	S23	PHENANTHRENE-D10
240	S24	CHRYSENE-D12
264	S25	PERYLENE-D12





EIP	&	INTG. OF SURROGATE
112	S01	2-FLUOROPHENOL
099	S02	PHENOL-D6
128	S03	NITROBENZENE-D5
334	S04	DECAFLUOROBIPHEN
172	S05	2-FLUOROBIPHENYL
332	S06	246-TRIBROMOPHEN
244	S07	P-TERPHENYL-D14



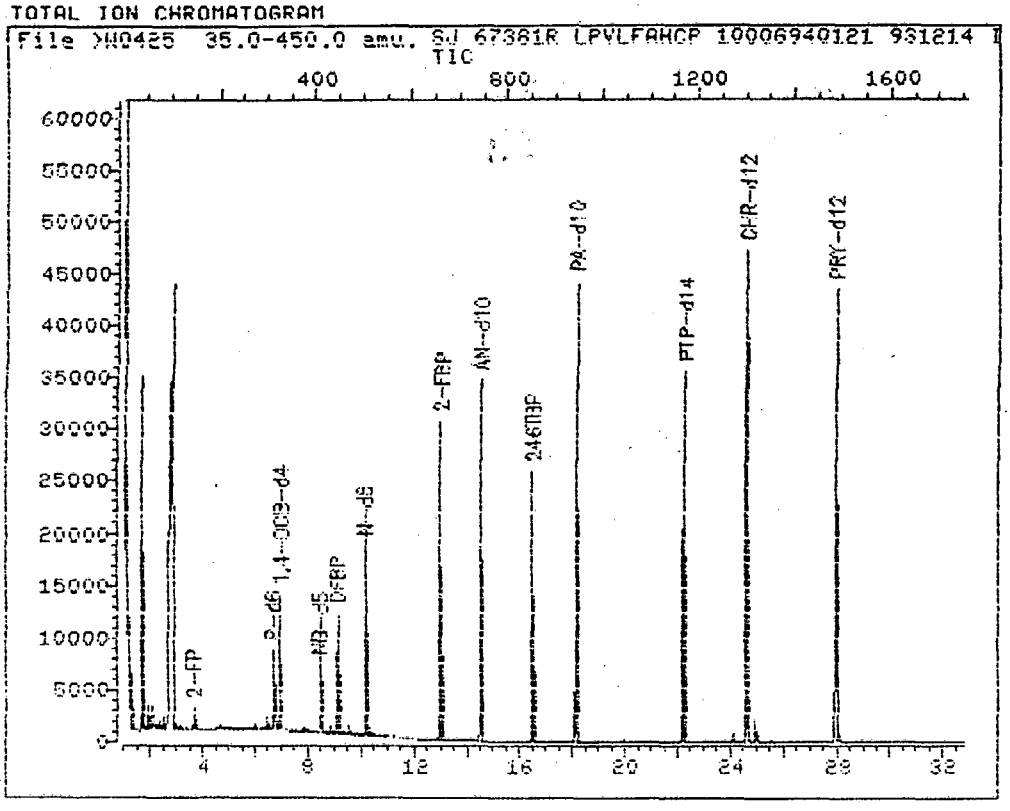
Operator ID: TRFIL Quant Rev: 7 Quant Time: 940128 23:00
Output File: ^W0425::D4 Injected at: 940128 22:26
Data File: >W0425::D2 Dilution Factor: 1.11100
Name: SJ 67381R LPVLFAHCP Instrument ID: #2 BNA
Misc: 10006940121 931214 IS#15 SUR#28 BTL# 9

ID File: LW0416::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940128 15:59

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	6.99	331	3360	40.00	ng/ul	96
3)	S01 2-Fluorophenol	3.65	149	1871	52.68	ng/ul	88
4)	S02 Phenol-d5	6.64	314	6133	73.54	ng/ul	87
14)	*S21 Naphthalene-d8	10.14	507	19342	40.00	ng/ul	94
15)	S03 Nitrobenzene-d5	8.43	413	2074	51.92	ng/ul	94
18)	S04 Decafluorobiphenyl	9.09	449	8547	49.98	ng/ul	82
27)	*S22 Acenaphthene-d10	14.47	746	14765	40.00	ng/ul	93
30)	S05 2-Fluorobiphenyl	12.99	664	18900	58.48	ng/ul	89
42)	*S23 Phenanthrene-d10	18.10	946	36819	40.00	ng/ul	99
46)	S06 2,4,6-Tribromophenol	16.47	856	7973	81.65	ng/ul	95
54)	*S24 Chrysene-d12	24.59	1304	45539	40.00	ng/ul	99
57)	S07 p-Terphenyl-d14	22.21	1173	29028	40.88	ng/ul	97
64)	*S25 Perylene-d12	27.90	1487	52366	40.00	ng/ul	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0425::D2 Quant Output File: ^W0425::D4
Name: SJ 67381R LPVLFAHCP Instrument ID: #2 BNA
Misc: 10006940121 931214 IS#19 SUR#28 BTL# 9

Id File: LW0416::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940128 15:59

Operator ID: TRFIL
Quant Time : 940128 23:00
Injected at: 940128 22:26

SAN JOSE CREEK WATER QUALITY LABORATORY Reset

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0424 QUANT DATE: 9401282218 INJ TIME: 9401282144
SAMPLE NAME: SJ 67377R LPVLFAHCP
MISC: 1000G940121 931213 IS#15 SUR#28 BTL# 8
LASTEDIT FILE TIME: 10:21 PM FRI., 28 JAN., 1994
ANALYZED BY: Ruth Schneider VERIFIED BY: Alma Chang

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	4.71*FP	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0424 SAMPLE NAME: SJ 67377R LPULFAHLP
EXTRACTION DATE: 01-21-94 INJECTION DATE: 01-28-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0417 SAMPLE NAME: SJ 01821S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	22.85	100.00	23	42-120	*
S02 Phenol-d5	39.16	100.00	39	37-119	OK
S03 Nitrobenzene-d5	32.19	50.00	64	71-107	*
S04 Decafluorobiphen	32.30	50.00	65	------	OK
S05 2-Fluorobiphenyl	48.85	50.00	98	88-130	OK
S06 2,4,6-Tribromoph	94.24	100.00	94	86-134	OK
S07 p-Terphenyl-d14	40.54	50.00	81	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0424 ^W0416

SAMPLE |--------STANDARD----------|

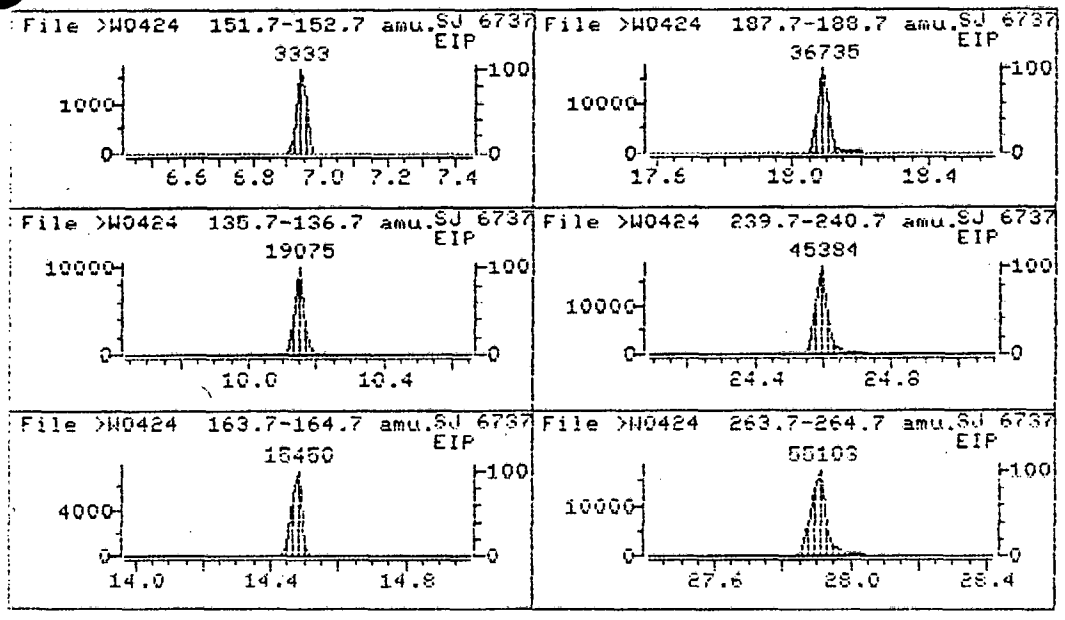
INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	3333	1859	3718	7436	OK
S21 Naphthalene-d8	19075	10787	21573	43146	OK
S22 Acenaphthene-d10	15450	8698	17396	34792	OK
S23 Phenanthrene-d10	36735	20211	40422	80844	OK
S24 Chrysene-d12	45384	25108	50216	100432	OK
S25 Perylene-d12	55103	25199	50398	100796	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	6.94	6.47	6.97	7.47	OK
S21 Naphthalene-d8	10.15	9.68	10.18	10.68	OK
S22 Acenaphthene-d10	14.48	14.00	14.50	15.00	OK
S23 Phenanthrene-d10	18.09	17.63	18.13	18.63	OK
S24 Chrysene-d12	24.59	24.14	24.64	25.14	OK
S25 Perylene-d12	27.91	27.44	27.94	28.44	OK

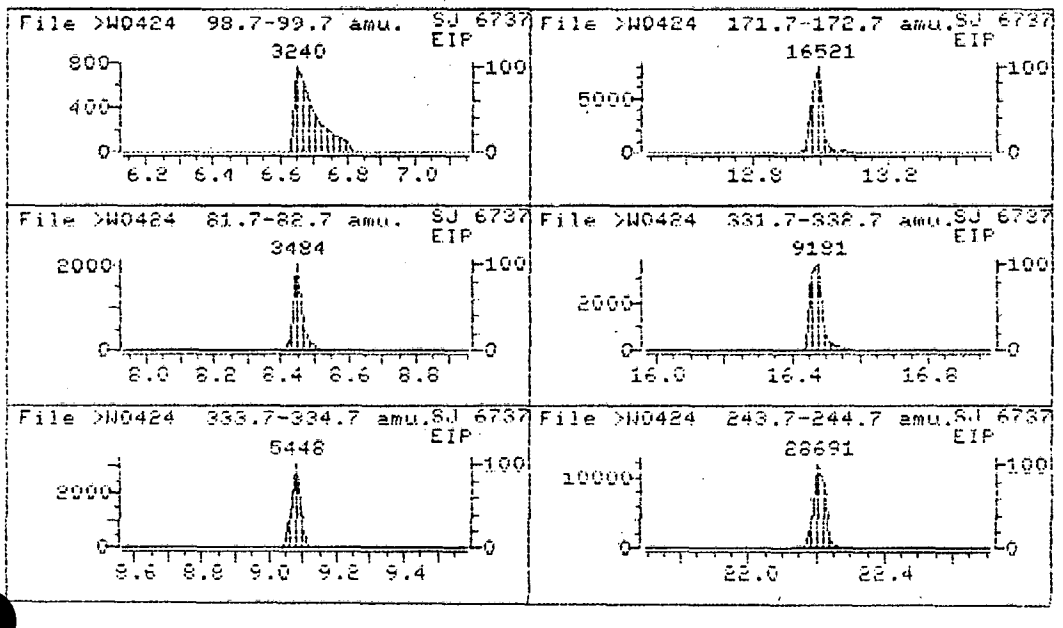
NOTES TO THE USERS: BNA MI NOT CONFIRMED.

RS

SJ 67377R LPVLFAHCP
EIP & INTG. OF INT.STD.
152 S20 1 4-DICHLOROBENZENE-D4
136 S21 NAPHTHALENE-D8
164 S22 ACENAPHTHENE-D10
188 S23 PHENANTHRENE-D10
240 S24 CHRYSENE-D12
264 S25 PERYLENE-D12



EIP & INTG. OF SURROGATE
112 S01 2-FLUOROPHENOL
099 S02 PHENOL-D6
128 S03 NITROBENZENE-D5
334 S04 DECAFLUOROBIPHEN
172 S05 2-FLUOROBIPHENYL
332 S06 246-TRIBROMOPHEN
244 S07 P-TERPHENYL-D14



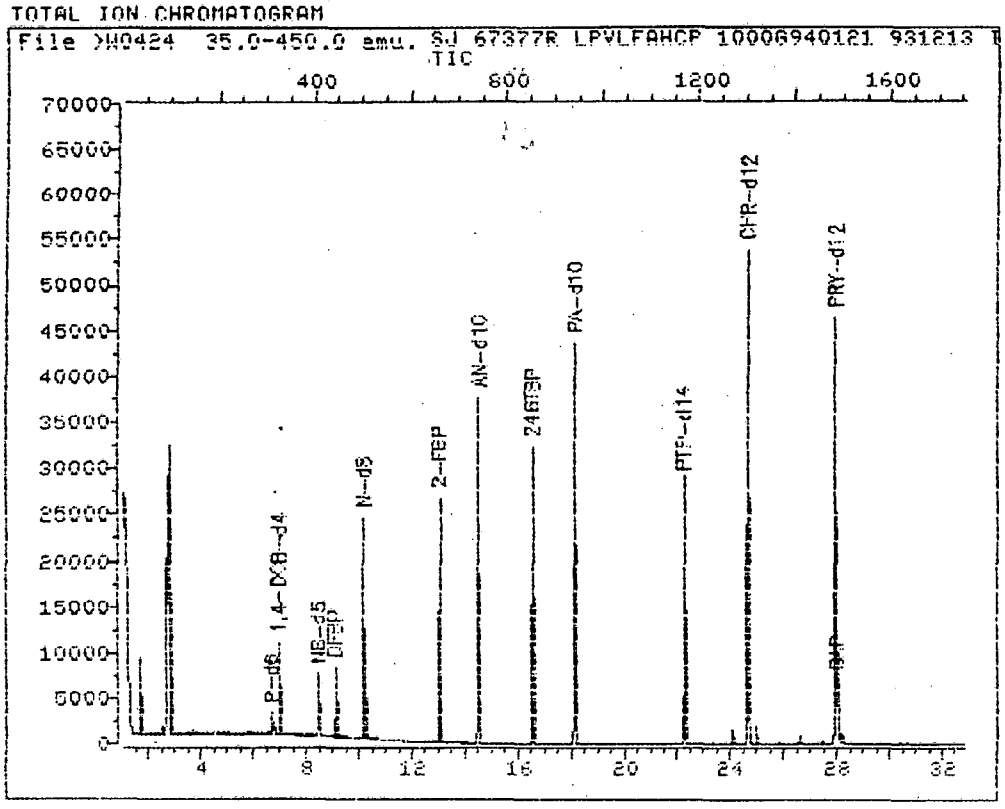
Operator ID: TRFIL Quant Rev: 7 Quant Time: 940128 22:18
Output File: ^W0424::D4 Injected at: 940128 21:44
Data File: >W0424::D2 Dilution Factor: 1.11100
Name: SJ 67377R LPVLFAHCP Instrument ID: #2 BNA
Misc: 1000G940121 931213 IS#15 SUR#28 BTL# 8

ID File: LW0416::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940128 15:59

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	6.94	327	3333	40.00	ng/ul	97
4)	S02 Phenol-d5	6.65	311	3240	39.16	ng/ul	99
14)	*S21 Naphthalene-d8	10.15	504	19075	40.00	ng/ul	94
15)	S03 Nitrobenzene-d5	8.44	410	1268	32.19	ng/ul	88
18)	S04 Decafluorobiphenyl	9.08	445	5448	32.30	ng/ul	90
27)	*S22 Acenaphthene-d10	14.48	743	15450	40.00	ng/ul	91
30)	S05 2-Fluorobiphenyl	12.99	661	16921	48.89	ng/ul	88
42)	*S23 Phenanthrene-d10	18.09	942	36735	40.00	ng/ul	99
46)	S06 2,4,6-Tribromophenol	16.48	853	9181	94.24	ng/ul	92
54)	*S24 Chrysene-d12	24.59	1301	45384	40.00	ng/ul	98
57)	S07 p-Terphenyl-d14	22.20	1169	28691	40.94	ng/ul	93
64)	*S25 Perylene-d12	27.91	1484	55103	40.00	ng/ul	99
68)	B05 Benzo(A)pyrene	27.97	1487	5733	4.71	ng/ul FP	91

* Compound is ISTD

TOTAL ION CHROMATOGRAM

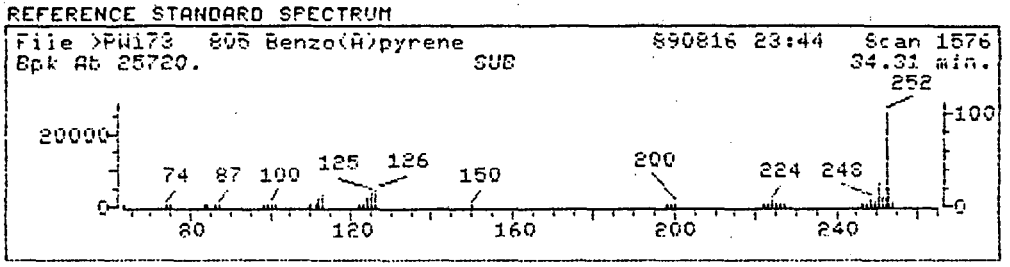


Data File: >W0424::D2 Quant Output File: ^W0424::D4
Name: SJ 67377R LPVLFAHCP Instrument ID: #2 BNA
Misc: 1000G940121 931213 IS#15 SUR#28 BTL# 8

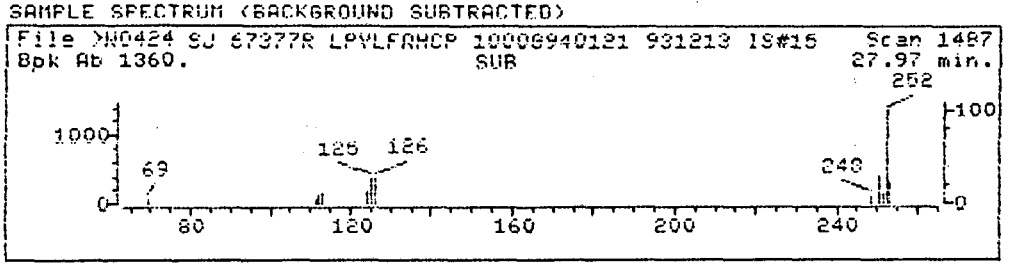
Id File: LW0416::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940128 15:59

Operator ID: TRFIL
Quant Time : 940128 22:18
Injected at: 940128 21:44

REFERENCE STANDARD SPECTRUM

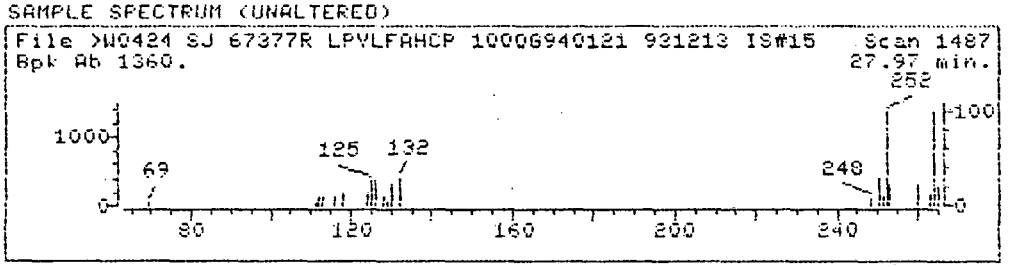


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



False Positive

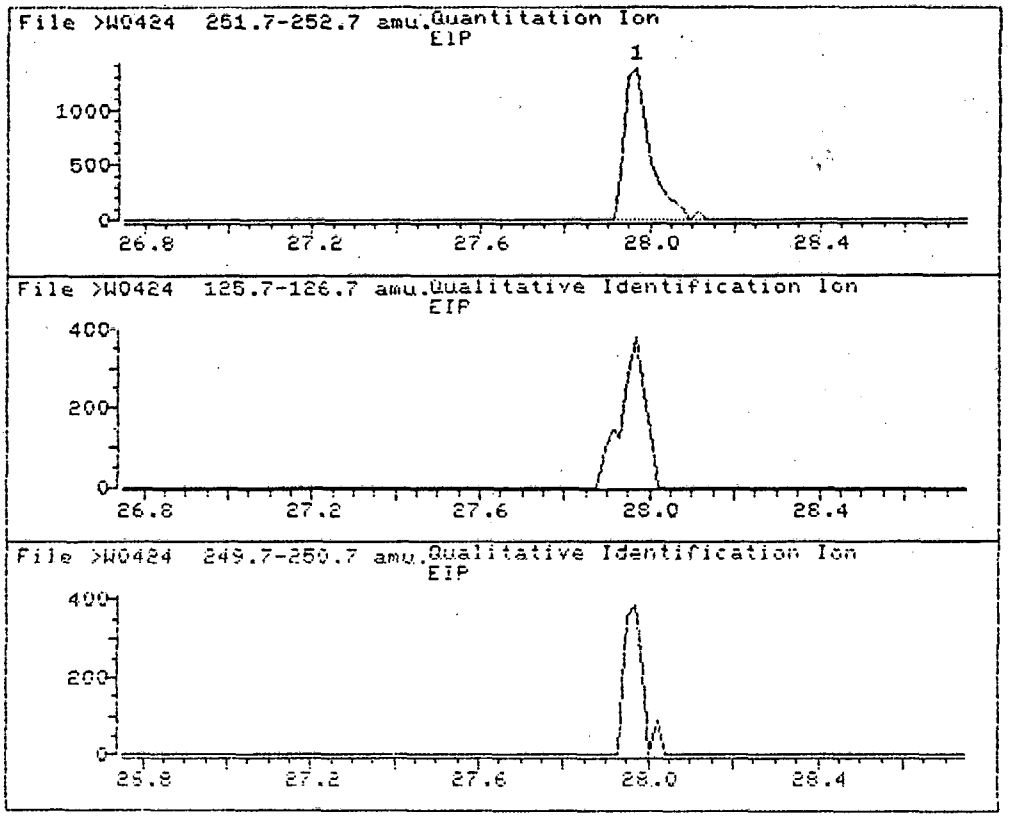
SAMPLE SPECTRUM (UNALTERED)



Data File: >W0424::D2 Quant Output File: ^W0424::D4
Name: SJ 67377R LPVLFAHCP Instrument ID: #2 BNA
Misc: 10006940121 931213 IS#15 SUR#28 BTL# 8
Quant Time: 940128 22:18 Quant ID File: LW0416::AS
Injected at: 940128 21:44 Last Calibration: 910802 23:19
Last Qcal Time: 940128 15:59

Compound No : 68
Compound Name : 805 Benzo(A)pyrene
Scan Number : 1487
Retention Time: 27.97 min.
Quant Ion : 252.0
Area : 5733
Concentration : 4.71 ng/ul
q-value : 91

Incorrect Ret Time



FP

Data File: >W0424::D2 Quant Output File: ^W0424::D4
Name: SJ 67377R LPVLFAHCP Instrument ID: #2 BNA
Misc: 10006940121 931213 IS#15 SUR#28 BTL# 8
Quant Time: 940128 22:18 Quant ID File: LW0416::AS
Injected at: 940128 21:44 Last Calibration: 910802 23:19
Last Qcal Time: 940128 15:59

Compound No : 68
Compound Name: 805 Benzo(A)pyrene
Quant Ion : 252.0

Hit	R.T.	Scan#	Area	Conc	Units	q
1	27.97	1487	5733	4.71	ng/ul	91

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ63898	10/05/93	10/08/93	10/29/93

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >Z9886 QUANT DATE: 9311021257 INJ TIME: 9311021220
SAMPLE NAME: SJ 63909 LPVLFP4 N
MISC: 0100 931008 931005 IS#12 SUR#25 BTL# 1
LAST EDIT FILE TIME: 4:05 PM WED., 10 NOV., 1993

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
S01	743	432	565	580	1000	58
S02	861	546	718	708	1000	71
S03	439	270	350	353	500	71
S04	288	200	227	238	500	48
S05	489	277	401	389	500	78
S06	1060	617	990	889	1000	89
S07	480	285	465	410	500	82

Surrogate Acc. Limits
27-119
63-111
62-122
56-124
70-150
37-133

^
|
|

The spike amounts are calculated based on the initial volume of 100 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
800	397	238	ND	318	500	64	63-109	OK	50	0-22	**
821	345	231	ND	288	500	58	48-115	OK	40	0-24	**
826	419	219	ND	319	500	64	57-124	OK	63	0-22	**
841	376	237	ND	307	500	61	56-117	OK	45	0-29	**
843	400	272	ND	336	500	67	41-129	OK	38	0-18	**
845	385	238	ND	311	500	62	57-104	OK	47	0-23	**
846	351	242	ND	297	500	59	53-119	OK	37	0-26	**
852	520	236	ND	378	500	76	49-128	OK	75	0-21	**
853	420	239	ND	330	500	66	63-112	OK	55	0-27	**
854	507	249	ND	378	500	76	47-136	OK	68	0-30	**
855	389	232	ND	311	500	62	45-113	OK	51	0-34	**

^
|
|

ALL THE SPIKED COMPOUNDS PASSED QC CRITERIA IN QC CHECK STANDARD

SAN JOSE CREEK WATER QUALITY LABORATORY QA sample #

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9886 QUANT DATE: 9311021257 INJ TIME: 9311021220
SAMPLE NAME: SJ 63909 LPVLFP4 N
MISC: 0100 931008 931005 IS#12 SUR#25 BTL# 1
LASTEDIT FILE TIME: 1:01 PM TUE., 2 NOV., 1993

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	20	<	20
801	Acenaphthylene	ND	20	<	20
802	Anthracene	ND	10	<	10
803	Benzidine	ND	620	<	620
804	Benzo(A)anthracene	ND	20	<	20
805	Benzo(A)pyrene	ND	70	<	70
806	Benzo(B)fluoranthene	ND	20	<	20
807	Benzo(G,H,I)perylene	ND	60	<	60
808	Benzo(K)fluoranthene	ND	20	<	20
809	Bis(2-chloroethoxy)methane	ND	30	<	30
810	Bis(2-chloroethyl)ether	ND	50	<	50
811	Bis(2chloroisopropyl)ether	ND	30	<	30
812	Bis(2-ethylhexyl)phthalate	54.53*	100		55*
813	4-Bromophenylphenylether	ND	90	<	90
814	Butylbenzylphthalate	ND	30	<	30
815	2-Chloronaphthalene	ND	10	<	10
816	4-Chlorophenylphenylether	ND	20	<	20
817	Chrysene	ND	20	<	20
818	Dibenzo(A,H)anthracene	ND	60	<	60
819	1,2-Dichlorobenzene	ND	100	<	100
820	1,3-Dichlorobenzene	ND	100	<	100
821	1,4-Dichlorobenzene	ND	20	<	20
822	3,3-Dichlorobenzidine	ND	1000	<	1000
823	Diethylphthalate	ND	20	<	20
824	Dimethylphthalate	ND	30	<	30
825	Di-n-butylphthalate	ND	40	<	40
826	2,4-Dinitrotoluene	ND	30	<	30
827	2,6-Dinitrotoluene	ND	50	<	50
828	Di-n-octylphthalate	ND	50	<	50
829	1,2-Diphenylhydrazine	ND	10	<	10
830	Fluoranthene	ND	20	<	20
831	Fluorene	ND	20	<	20
832	Hexachlorobenzene	ND	10	<	10
833	Hexachlorobutadiene	ND	100	<	100
834	Hexchlor1,3cyclopentadiene	ND	1000	<	1000
835	Hexachloroethane	ND	120	<	120
836	Indeno(1,2,3-CD)pyrene	ND	60	<	60
837	Isophorone	ND	30	<	30

838	Naphthalene	ND	20	<	20
839	Nitrobenzene	ND	20	<	20
840	N-Nitrosodimethylamine	ND	300	<	300
841	N-Nitroso-di-n-propylamine	ND	20	<	20
842	Phenanthrene	ND	10	<	10
843	Pyrene	ND	20	<	20
844	1,2,3,4-TCDD (2,3,7,8)	ND	30	<	30
845	2-Chlorophenol	ND	80	<	80
846	1,2,4-Trichlorobenzene	ND	30	<	30
847	2,4-Dichlorophenol	ND	30	<	30
848	2,4-Dimethylphenol	ND	30	<	30
849	2,4-Dinitrophenol	ND	390	<	390
850	2-Methyl-4,6-dinitrophenol	ND	170	<	170
851	2-Nitrophenol	ND	50	<	50
852	4-Nitrophenol	ND	60	<	60
853	4-Chloro-3-methylphenol	ND	20	<	20
854	Pentachlorophenol	ND	160	<	160
855	Phenol	ND	30	<	30
856	2,4,6-Trichlorophenol	ND	20	<	20
857	N-Nitrosodiphenylamine	ND	20	<	20

==========NOTE==========

DATA FILE: >Z9886 SAMPLE NAME: SJ 63909 LPVLFP4 N
EXTRACTION DATE: 10-08-93 INJECTION DATE: 11-02-93
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >Z9873 SAMPLE NAME: SJ 10B08L BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	564.90	1000.00	56	27-119	OK
S02 Phenol-d5	717.70	1000.00	72	23-111	OK
S03 Nitrobenzene-d5	350.41	500.00	70	62-122	OK
S04 Decafluorobiphen	227.30	500.00	45	------	OK
S05 2-Fluorobiphenyl	401.43	500.00	80	56-124	OK
S06 2,4,6-Tribromoph	989.59	1000.00	99	40-150	OK
S07 p-Terphenyl-d14	464.97	500.00	93	37-133	OK

Initial Volume is 100 ML

DATA FILE:	^Z9886		^Z9885		
	SAMPLE	STANDARD			
INTERNAL	AREA	1/2 X AREA	AREA	2X AREA	MRK

STANDARD					
S20 1,4-Dichlorobenzen	10982	5712	11424	22848	OK
S21 Naphthalene-d8	50218	24925	49850	99700	OK
S22 Acenaphthene-d10	33012	16680	33360	66720	OK
S23 Phenanthrene-d10	72044	37198	74395	148790	OK
S24 Chrysene-d12	94902	44519	89037	178074	OK
S25 Perylene-d12	124829	51672	103344	206688	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.58	7.08	7.58	8.08	OK
S21 Naphthalene-d8	10.75	10.25	10.75	11.25	OK
S22 Acenaphthene-d10	15.11	14.60	15.10	15.60	OK
S23 Phenanthrene-d10	18.75	18.25	18.75	19.25	OK
S24 Chrysene-d12	25.32	24.81	25.31	25.81	OK
S25 Perylene-d12	28.93	28.35	28.85	29.35	OK

NOTES TO THE USERS:

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >Z9869 QUANT DATE: 9310291347 INJ TIME: 9310291249
SAMPLE NAME: DCS-71
MISC: 1000 931022 IS#12 SUR#25 BTL#97
LAST EDIT FILE TIME: 1:50 PM FRI., 29 OCT., 1993

ANALYZED BY:_____ VERIFIED BY:_____

DATA FILE: ^Z9869 ^Z9791

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	13640	6820	13640	27280	OK
S21 Naphthalene-d8	63015	31508	63015	126030	OK
S22 Acenaphthene-d10	42880	21440	42880	85760	OK
S23 Phenanthrene-d10	98279	49140	98279	196558	OK
S24 Chrysene-d12	109720	54860	109720	219440	OK
S25 Perylene-d12	129015	64508	129015	258030	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.63	7.13	7.63	8.13	OK
S21 Naphthalene-d8	10.80	10.30	10.80	11.30	OK
S22 Acenaphthene-d10	15.16	14.66	15.16	15.66	OK
S23 Phenanthrene-d10	18.80	18.30	18.80	19.30	OK
S24 Chrysene-d12	25.39	24.89	25.39	25.89	OK
S25 Perylene-d12	28.96	28.46	28.96	29.46	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^Z9869 CALIBRATION FILE: CLIB2
VERIFICATION TIME: 1:50 PM FRI., 29 OCT., 1993

	COUMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.98299	.89560	8.89			
855	Phenol	1.79390	1.97214	9.94	*		
810	Bis(2-chloroethyl)ether	1.57493	1.30305	17.26			
845	2-Chlorophenol	1.42150	1.40833	.93			
820	1,3-Dichlorobenzene	1.47327	1.40422	4.69			
821	1,4-Dichlorobenzene	1.37979	1.47718	7.06	*		
819	1,2-Dichlorobenzene	1.49604	1.45783	2.55			
811	Bis(2chloroisopropyl)ether	.43202	.30164	30.18			
835	Hexachloroethane	.72778	.75003	3.06			
841	N-Nitroso-di-n-propylamine	1.58524	1.57560	.61		**	
839	Nitrobenzene	.24197	.19650	18.79			
837	Isophorone	1.14253	1.00445	12.09			
851	2-Nitrophenol	.27983	.23423	16.29	*		
848	2,4-Dimethylphenol	.43929	.45010	2.46			
809	Bis(2-chloroethoxy)methane	.56153	.51287	8.67			
847	2,4-Dichlorophenol	.33439	.32828	1.83	*		
846	1,2,4-Trichlorobenzene	.39544	.33310	15.76			
838	Naphthalene	1.27939	1.05928	17.20			
833	Hexachlorobutadiene	.25383	.22348	11.96	*		
853	4-Chloro-3-methylphenol	.51311	.46360	9.65	*		
834	Hexchlor1,3cyclopentadiene	.33147	.38205	15.26		**	
856	2,4,6-Trichlorophenol	.39048	.44750	14.60	*		
815	2-Chloronaphthalene	1.12004	1.15407	3.04			
801	Acenaphthylene	1.99521	2.00082	.28			
824	Dimethylphthalate	1.61774	1.48552	8.17			
827	2,6-Dinitrotoluene	.38482	.42004	9.15			
800	Acenaphthene	1.27520	1.25004	1.97	*		
849	2,4-Dinitrophenol	.22784	.20000	12.22		**	
826	2,4-Dinitrotoluene	.59808	.64884	8.49			
852	4-Nitrophenol	.37865	.42049	11.05		**	
831	Fluorene	1.45298	1.45123	.12			
816	4-Chlorophenylphenylether	.66236	.62252	6.02			
823	Diethylphthalate	1.85945	1.63586	12.02			
850	2-Methyl-4,6-dinitrophenol	.17129	.17827	4.08			
857	N-Nitrosodiphenylamine	.33281	.34480	3.60	*		
829	1,2-Diphenylhydrazine	.17019	.16761	1.51			
813	4-Bromophenylphenylether	.22623	.19723	12.82			
832	Hexachlorobenzene	.31638	.28394	10.25			
854	Pentachlorophenol	.18339	.18708	2.01	*		
842	Phenanthrene	1.12358	1.03047	8.29			
802	Anthracene	1.15932	1.07137	7.59			
825	Di-n-butylphthalate	1.53264	1.47271	3.91			
830	Fluoranthene	1.42034	1.33178	6.23	*		
843	Pyrene	1.31966	1.18052	10.54			
803	Benzidine	.47067	.49107	4.33			

844	1,2,3,4-TCDD (2,3,7,8)	.19665	.23601	20.02	
814	Butylbenzylphthalate	.60845	.67391	10.76	
804	Benzo(A)anthracene	1.28202	1.15526	9.89	
817	Chrysene	.90447	1.17734	30.17	
822	3,3-Dichlorobenzidine	.49494	.52975	7.03	
812	Bis(2-ethylhexyl)phthalate	1.01785	1.01957	.17	
828	Di-n-octylphthalate	1.63186	1.58285	3.00	*
806	Benzo(B)fluoranthene	1.42135	1.14813	19.22	
808	Benzo(K)fluoranthene	.99145	1.18733	19.76	
805	Benzo(A)pyrene	1.20961	1.10412	8.72	*
836	Indeno(1,2,3-CD)pyrene	1.09384	.84584	22.67	
818	Dibenzo(A,H)anthracene	.71402	.95895	34.30	
807	Benzo(G,H,I)perylene	1.21947	.96381	20.97	

```
PPPPP       A        SSSSS    SSSSS
P    P     A A      S     S  S     S
P    P    A   A     S        S
PPPPP    AAAAAAA     SSSSS    SSSSS
P       A       A         S        S
P      A         A  S     S  S     S
P     A           A  SSSSS    SSSSS
```

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MZ9869 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 35.00
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	57.73	57.73	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	65.51	65.51	Ok
70	Less than 2% of mass 69	.31	.48	Ok
127	40-60% of mass 198	40.09	40.09	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.34	6.34	Ok
275	10-30% of mass 198	20.69	20.69	Ok
365	Greater than 1% of mass 198	2.30	2.30	Ok
441	0-100% of mass 443	9.41	70.46	Ok
442	Greater than 40% of mass 198	64.08	64.08	Ok
443	17-23% of mass 442	13.36	20.84	Ok

Injection Date: 10/29/93
Injection Time: 12:27
Data File: >Z9868
Scan: 829

****
* THE DFTPP SPECTRUM PASSED AFTER 0:1 ENHANCEMENT *
****

SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TZ9868	5970	3/16/93 12:34

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	67	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MZ9868 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0

Triac #1: 327.0 327.0 327.0 327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9873 QUANT DATE: 9310291634 INJ TIME: 9310291558
SAMPLE NAME: SJ 10808L BBLANK
MISC: 1000 931008 IS#12 SUR#25 BTL# 4
LASTEDIT FILE TIME: 4:37 PM FRI., 29 OCT., 1993

ANALYZED BY: _____ VERIFIED BY: Rudy Schneider

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >Z9873 SAMPLE NAME: SJ 10B08L BBLANK
EXTRACTION DATE: 10-08-93 INJECTION DATE: 10-29-93
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	46.92	100.00	47	27-119	OK
S02 Phenol-d5	63.85	100.00	64	23-111	OK
S03 Nitrobenzene-d5	32.62	50.00	65	62-122	OK
S04 Decafluorobiphen	21.57	50.00	43	------	OK
S05 2-Fluorobiphenyl	42.58	50.00	85	56-124	OK
S06 2,4,6-Tribromophenol	70.29	100.00	70	40-150	OK
S07 p-Terphenyl-d14	41.75	50.00	84	37-133	OK

Initial Volume is 1000 ML

INTERNAL STANDARD	SAMPLE AREA (^Z9873)	STANDARD 1/2 X AREA (^Z9869)	STANDARD AREA (^Z9869)	STANDARD 2X AREA (^Z9869)	MRK
S20 1,4-Dichlorobenzen	11683	6820	13640	27280	OK

S21 Naphthalene-d8	51604	31508	63015	126030	OK
S22 Acenaphthene-d10	33695	21440	42880	85760	OK
S23 Phenanthrene-d10	81231	49140	98279	196558	OK
S24 Chrysene-d12	94565	54860	109720	219440	OK
S25 Perylene-d12	109906	64508	129015	258030	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.63	7.13	7.63	8.13	OK
S21 Naphthalene-d8	10.80	10.30	10.80	11.30	OK
S22 Acenaphthene-d10	15.15	14.66	15.16	15.66	OK
S23 Phenanthrene-d10	18.80	18.30	18.80	19.30	OK
S24 Chrysene-d12	25.36	24.89	25.39	25.89	OK
S25 Perylene-d12	28.95	28.46	28.96	29.46	OK

The output from LU 6 has been sucessfully spooled into the file called OZ9873 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9874 QUANT DATE: 9312010718 INJ TIME: 9310291645
SAMPLE NAME: SJ 10Q08L QQCHECK
MISC: 1000 931008 IS#12 SUR#25 BTL# 5
LASTEDIT FILE TIME: 7:22 AM WED., 1 DEC., 1993
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	38.62	2		39
801	Acenaphthylene	36.95	2		37
802	Anthracene	43.45	1		43
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	48.78	2		49
805	Benzo(A)pyrene	42.83	7		43
806	Benzo(B)fluoranthene	43.10	2		43
807	Benzo(G,H,I)perylene	43.51	6		44
808	Benzo(K)fluoranthene	42.27	2		42
809	Bis(2-chloroethoxy)methane	39.77	3		40
810	Bis(2-chloroethyl)ether	42.85	5		43
811	Bis(2chloroisopropyl)ether	53.56	3		54
812	Bis(2-ethylhexyl)phthalate	54.10	10		54
813	4-Bromophenylphenylether	45.71	9		46
814	Butylbenzylphthalate	54.85	3		55
815	2-Chloronaphthalene	36.40	1		36
816	4-Chlorophenylphenylether	45.98	2		46
817	Chrysene	45.85	2		46
818	Dibenzo(A,H)anthracene	41.39	6		41
819	1,2-Dichlorobenzene	28.92	10		29
820	1,3-Dichlorobenzene	27.98	10		28
821	1,4-Dichlorobenzene	27.61	2		28
822	3,3-Dichlorobenzidine	26.43*	100		26*
823	Diethylphthalate	54.63	2		55
824	Dimethylphthalate	45.16	3		45
825	Di-n-butylphthalate	55.58	4		56
826	2,4-Dinitrotoluene	44.74	3		45
827	2,6-Dinitrotoluene	37.65	9		38
828	Di-n-octylphthalate	53.27	5		53
829	1,2-Diphenylhydrazine	46.83	1		47
830	Fluoranthene	41.78	2		42
831	Fluorene	40.23	2		40
832	Hexachlorobenzene	40.84	1		41
833	Hexachlorobutadiene	24.70	10		25
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	23.52	12		24
836	Indeno(1,2,3-CD)pyrene	46.86	6		47

#37 Isophorone	27.26	3		27
#38 Naphthalene	34.36	2		34
#39 Nitrobenzene	39.18	2		39
#40 N-Nitrosodimethylamine	24.97*	30		25*
#41 N-Nitroso-di-n-propylamine	38.48	2		38
#42 Phenanthrene	44.36	1		44
#43 Pyrene	44.91	2		45
#44 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
#45 2-Chlorophenol	31.25	8		31
#46 1,2,4-Trichlorobenzene	29.87	3		30
#47 2,4-Dichlorophenol	33.22	3		33
#48 2,4-Dimethylphenol	23.14	3		23
#49 2,4-Dinitrophenol	34.68*	39		35*
#50 2-Methyl-4,6-dinitrophenol	35.91	17		36
#51 2-Nitrophenol	34.16	5		34
#52 4-Nitrophenol	34.94	6		35
#53 4-Chloro-3-methylphenol	37.93	2		38
#54 Pentachlorophenol	38.18	16		38
#55 Phenol	29.98	3		30
#56 2,4,6-Trichlorophenol	37.21	2		37
#57 N-Nitrosodiphenylamine	54.56	2		55

==========NOTE==========

DATA FILE: >Z9874 SAMPLE NAME: SJ 10Q08L QQLCHECK
EXTRACTION DATE: 10-08-93 INJECTION DATE: 10-29-93
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >Z9873 SAMPLE NAME: SJ 10B08L BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
#01 2-Fluorophenol	55.91	100.00	56	27-119	OK
#02 Phenol-d5	72.32	100.00	72	23-111	OK
#03 Nitrobenzene-d5	42.14	50.00	84	62-122	OK
#04 Decafluorobiphen	23.66	50.00	47	-------	OK
#05 2-Fluorobiphenyl	46.67	50.00	93	96-124	OK
#06 2,4,6-Tribromoph	87.92	100.00	88	40-190	OK
#07 p-Terphenyl-d14	50.22	50.00	100	37-133	OK

Initial Volume is 1000 ML

DATA FILE: ^Z9874 ^Z9869

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	12420	6820	13640	27280	OK
S21 Naphthalene-d8	55345	31508	63015	126030	OK
S22 Acenaphthene-d10	36909	21440	42880	85760	OK
S23 Phenanthrene-d10	84045	49140	98279	196558	OK
S24 Chrysene-d12	87814	54860	109720	219440	OK
S25 Perylene-d12	109445	64508	129015	258030	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.63	7.13	7.63	8.13	OK
S21 Naphthalene-d8	10.80	10.30	10.80	11.30	OK
S22 Acenaphthene-d10	15.16	14.66	15.16	15.66	OK
S23 Phenanthrene-d10	18.80	18.30	18.80	19.30	OK
S24 Chrysene-d12	25.38	24.89	25.39	25.89	OK
S25 Perylene-d12	28.96	28.46	28.96	29.46	OK

The output from LU 6 has been sucessfully spooled into the file called 029874 .

QA Spike

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9887 QUANT DATE: 9311021523 INJ TIME: 9311021447
SAMPLE NAME: SJ 63909 LPVLFP4 S
MISC: 0100 931008 931005 IS#12 SUR#25 BTL# 2
LASTEDIT FILE TIME: 3:49 PM TUE., 2 NOV., 1993

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	385.11	20		385
801	Acenaphthylene	ND	20	<	20
802	Anthracene	ND	10	<	10
803	Benzidine	ND	620	<	620
804	Benzo(A)anthracene	ND	20	<	20
805	Benzo(A)pyrene	ND	70	<	70
806	Benzo(B)fluoranthene	ND	20	<	20
807	Benzo(G,H,I)perylene	ND	60	<	60
808	Benzo(K)fluoranthene	ND	20	<	20
809	Bis(2-chloroethoxy)methane	ND	30	<	30
810	Bis(2-chloroethyl)ether	ND	50	<	50
811	Bis(2chloroisopropyl)ether	ND	30	<	30
812	Bis(2-ethylhexyl)phthalate	60.43*	100		60*
813	4-Bromophenylphenylether	ND	90	<	90
814	Butylbenzylphthalate	ND	30	<	30
815	2-Chloronaphthalene	ND	10	<	10
816	4-Chlorophenylphenylether	ND	20	<	20
817	Chrysene	ND	20	<	20
818	Dibenzo(A,H)anthracene	ND	60	<	60
819	1,2-Dichlorobenzene	ND	100	<	100
820	1,3-Dichlorobenzene	ND	100	<	100
821	1,4-Dichlorobenzene	340.71	20		341
822	3,3-Dichlorobenzidine	ND	1000	<	1000
823	Diethylphthalate	ND	20	<	20
824	Dimethylphthalate	ND	30	<	30
825	Di-n-butylphthalate	ND	40	<	40
826	2,4-Dinitrotoluene	266.61	30		267
827	2,6-Dinitrotoluene	ND	50	<	50
828	Di-n-octylphthalate	ND	50	<	50
829	1,2-Diphenylhydrazine	ND	10	<	10
830	Fluoranthene	ND	20	<	20
831	Fluorene	ND	20	<	20
832	Hexachlorobenzene	ND	10	<	10
833	Hexachlorobutadiene	ND	100	<	100
834	Hexchlor1,3cyclopentadiene	ND	1000	<	1000
835	Hexachloroethane	ND	120	<	120
836	Indeno(1,2,3-CD)pyrene	ND	60	<	60
837	Isophorone	ND	30	<	30

838	Naphthalene	ND		20	< 20
839	Nitrobenzene	ND		20	< 20
840	N-Nitrosodimethylamine	ND		300	< 300
841	N-Nitroso-di-n-propylamine	ND		20	< 20
842	Phenanthrene	ND		10	< 10
843	Pyrene	486.04		20	486
844	1,2,3,4-TCDD (2,3,7,8)	ND		30	< 30
845	2-Chlorophenol	364.92		80	365
846	1,2,4-Trichlorobenzene	360.91		30	361
847	2,4-Dichlorophenol	ND		30	< 30
848	2,4-Dimethylphenol	ND		30	< 30
849	2,4-Dinitrophenol	ND		390	< 390
850	2-Methyl-4,6-dinitrophenol	ND		170	< 170
851	2-Nitrophenol	ND		50	< 50
852	4-Nitrophenol	254.42		60	254
853	4-Chloro-3-methylphenol	362.39		20	362
854	Pentachlorophenol	332.51		160	333
855	Phenol	335.54		30	336
856	2,4,6-Trichlorophenol	ND		20	< 20
857	N-Nitrosodiphenylamine	ND		20	< 20

==========NOTE==========

DATA FILE: >Z9887 SAMPLE NAME: SJ 63909 LPVLFP4 S
EXTRACTION DATE: 10-08-93 INJECTION DATE: 11-02-93
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >Z9886 SAMPLE NAME: SJ 63909 LPVLFP4 N

FOOTNOTE #38 = BLANK CONTAMINANT:

812 Bis(2-ethylhexyl)phthalate 55 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	671.95	1000.00	67	27-119	OK
S02 Phenol-d5	857.46	1000.00	86	23-111	OK
S03 Nitrobenzene-d5	390.01	500.00	78	62-122	OK
S04 Decafluorobiphen	204.20	500.00	41	------	OK
S05 2-Fluorobiphenyl	493.45	500.00	99	56-124	OK
S06 2,4,6-Tribromoph	802.92	1000.00	80	40-150	OK
S07 p-Terphenyl-d14	582.95	500.00	117	37-133	OK

Initial Volume is 100 ML

DATA FILE: ^Z9887 ^Z9885

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6279	5712	11424	22848	OK
S21 Naphthalene-d8	26160	24925	49850	99700	OK
S22 Acenaphthene-d10	16190	16680	33360	66720	**
S23 Phenanthrene-d10	33534	37198	74395	148790	**
S24 Chrysene-d12	30565	44519	89037	178074	**
S25 Perylene-d12	30195	51672	103344	206688	**

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.98	7.08	7.58	8.08	OK
S21 Naphthalene-d8	11.15	10.25	10.75	11.25	OK
S22 Acenaphthene-d10	15.53	14.60	15.10	15.60	OK
S23 Phenanthrene-d10	19.19	18.25	18.75	19.25	OK
S24 Chrysene-d12	25.77	24.81	25.31	25.81	OK
S25 Perylene-d12	29.54	28.35	28.85	29.35	**

SAN JOSE CREEK WATER QUALITY LABORATORY WATVUP-SPIKE

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9888 QUANT DATE: 9311021609 INJ TIME: 9311021533
SAMPLE NAME: SJ 63909 LPVLFP4 D
MISC: 0100 931008 931005 IS#12 SUR#25 BTL# 3
LASTEDIT FILE TIME: 4:12 PM TUE., 2 NOV., 1993

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	217.86	20		218
801	Acenaphthylene	ND	20	<	20
802	Anthracene	ND	10	<	10
803	Benzidine	ND	620	<	620
804	Benzo(A)anthracene	ND	20	<	20
805	Benzo(A)pyrene	ND	70	<	70
806	Benzo(B)fluoranthene	ND	20	<	20
807	Benzo(G,H,I)perylene	ND	60	<	60
808	Benzo(K)fluoranthene	ND	20	<	20
809	Bis(2-chloroethoxy)methane	ND	30	<	30
810	Bis(2-chloroethyl)ether	ND	50	<	50
811	Bis(2chloroisopropyl)ether	ND	30	<	30
812	Bis(2-ethylhexyl)phthalate	ND	100	<	100
813	4-Bromophenylphenylether	ND	90	<	90
814	Butylbenzylphthalate	ND	30	<	30
815	2-Chloronaphthalene	ND	10	<	10
816	4-Chlorophenylphenylether	ND	20	<	20
817	Chrysene	ND	20	<	20
818	Dibenzo(A,H)anthracene	ND	60	<	60
819	1,2-Dichlorobenzene	ND	100	<	100
820	1,3-Dichlorobenzene	ND	100	<	100
821	1,4-Dichlorobenzene	232.29	20		232
822	3,3-Dichlorobenzidine	ND	1000	<	1000
823	Diethylphthalate	ND	20	<	20
824	Dimethylphthalate	ND	30	<	30
825	Di-n-butylphthalate	ND	40	<	40
826	2,4-Dinitrotoluene	96.68	30		97
827	2,6-Dinitrotoluene	ND	50	<	50
828	Di-n-octylphthalate	ND	50	<	50
829	1,2-Diphenylhydrazine	ND	10	<	10
830	Fluoranthene	ND	20	<	20
831	Fluorene	ND	20	<	20
832	Hexachlorobenzene	ND	10	<	10
833	Hexachlorobutadiene	ND	100	<	100
834	Hexchlor1,3cyclopentadiene	ND	1000	<	1000
835	Hexachloroethane	ND	120	<	120
836	Indeno(1,2,3-CD)pyrene	ND	60	<	60
837	Isophorone	ND	30	<	30

838 Naphthalene	ND	20	<	20
839 Nitrobenzene	ND	20	<	20
840 N-Nitrosodimethylamine	ND	300	<	300
841 N-Nitroso-di-n-propylamine	ND	20	<	20
842 Phenanthrene	ND	10	<	10
843 Pyrene	260.41	20		260
844 1,2,3,4-TCDD (2,3,7,8)	ND	30	<	30
845 2-Chlorophenol	209.60	80		210
846 1,2,4-Trichlorobenzene	229.71	30		230
847 2,4-Dichlorophenol	ND	30	<	30
848 2,4-Dimethylphenol	ND	30	<	30
849 2,4-Dinitrophenol	ND	390	<	390
850 2-Methyl-4,6-dinitrophenol	ND	170	<	170
851 2-Nitrophenol	ND	50	<	50
852 4-Nitrophenol	ND	60	<	60
853 4-Chloro-3-methylphenol	167.13	20		167
854 Pentachlorophenol	130.97*	160		131*
855 Phenol	171.54	30		172
856 2,4,6-Trichlorophenol	ND	20	<	20
857 N-Nitrosodiphenylamine	ND	20	<	20

==========NOTE==========

DATA FILE: >Z9888 SAMPLE NAME: SJ 63909 LPVLFP4 D
EXTRACTION DATE: 10-08-93 INJECTION DATE: 11-02-93
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >Z9886 SAMPLE NAME: SJ 63909 LPVLFP4 N

FOOTNOTE #38 = BLANK CONTAMINANT:

812 Bis(2-ethylhexyl)phthalate 55 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	329.83	1000.00	33	27-119	OK
S02 Phenol-d5	495.14	1000.00	50	23-111	OK
S03 Nitrobenzene-d5	178.71	500.00	36	62-122	*
S04 Decafluorobiphen	105.75	500.00	21	------	OK
S05 2-Fluorobiphenyl	277.61	500.00	56	56-124	OK
S06 2,4,6-Tribromoph	422.67	1000.00	42	40-150	OK
S07 p-Terphenyl-d14	299.29	500.00	60	37-133	OK

Initial Volume is 100 ML

DATA FILE: ^Z9888 ^Z9885

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	6060	5712	11424	22848	OK
S21 Naphthalene-d8	25671	24925	49850	99700	OK
S22 Acenaphthene-d10	15514	16680	33360	66720	**
S23 Phenanthrene-d10	30570	37198	74395	148790	**
S24 Chrysene-d12	30180	44519	89037	178074	**
S25 Perylene-d12	31063	51672	103344	206688	**

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.98	7.08	7.58	8.08	OK
S21 Naphthalene-d8	11.16	10.25	10.75	11.25	OK
S22 Acenaphthene-d10	15.53	14.60	15.10	15.60	OK
S23 Phenanthrene-d10	19.19	18.25	18.75	19.25	OK
S24 Chrysene-d12	25.76	24.81	25.31	25.81	OK
S25 Perylene-d12	29.53	28.35	28.85	29.35	**

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ63898	10/05/93	10/08/93	10/29/93

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >Z9875 QUANT DATE: 9310291809 INJ TIME: 9310291733
SAMPLE NAME: SJ 63898 LPVLFBLNK
MISC: 0940 931008 931005 IS#12 SUR#25 BTL# 6
LASTEDIT FILE TIME: 6:12 PM FRI., 29 OCT., 1993
ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	3	<	3
801	Acenaphthylene	ND	3	<	3
802	Anthracene	ND	1	<	1
803	Benzidine	ND	93	<	93
804	Benzo(A)anthracene	ND	3	<	3
805	Benzo(A)pyrene	ND	10	<	10
806	Benzo(B)fluoranthene	ND	3	<	3
807	Benzo(G,H,I)perylene	ND	9	<	9
808	Benzo(K)fluoranthene	ND	3	<	3
809	Bis(2-chloroethoxy)methane	ND	4	<	4
810	Bis(2-chloroethyl)ether	ND	7	<	7
811	Bis(2chloroisopropyl)ether	ND	4	<	4
812	Bis(2-ethylhexyl)phthalate	ND	15	<	15
813	4-Bromophenylphenylether	ND	13	<	13
814	Butylbenzylphthalate	.76*	4		1*
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	3	<	3
817	Chrysene	ND	3	<	3
818	Dibenzo(A,H)anthracene	ND	9	<	9
819	1,2-Dichlorobenzene	ND	15	<	15
820	1,3-Dichlorobenzene	ND	15	<	15
821	1,4-Dichlorobenzene	ND	3	<	3
822	3,3-Dichlorobenzidine	ND	150	<	150
823	Diethylphthalate	ND	3	<	3
824	Dimethylphthalate	ND	4	<	4
825	Di-n-butylphthalate	ND	6	<	6
826	2,4-Dinitrotoluene	ND	4	<	4
827	2,6-Dinitrotoluene	ND	7	<	7
828	Di-n-octylphthalate	ND	7	<	7
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	3	<	3
831	Fluorene	ND	3	<	3
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	15	<	15
834	Hexchlor1,3cyclopentadiene	ND	150	<	150
835	Hexachloroethane	ND	18	<	18
836	Indeno(1,2,3-CD)pyrene	ND	9	<	9

837 Isophorone	ND	4	<	4
838 Naphthalene	ND	3	<	3
839 Nitrobenzene	ND	3	<	3
840 N-Nitrosodimethylamine	ND	45	<	45
841 N-Nitroso-di-n-propylamine	ND	3	<	3
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	3	<	3
844 1,2,3,4-TCDD (2,3,7,8)	ND	4	<	4
845 2-Chlorophenol	ND	12	<	12
846 1,2,4-Trichlorobenzene	ND	4	<	4
847 2,4-Dichlorophenol	ND	4	<	4
848 2,4-Dimethylphenol	ND	4	<	4
849 2,4-Dinitrophenol	ND	58	<	58
850 2-Methyl-4,6-dinitrophenol	ND	25	<	25
851 2-Nitrophenol	ND	7	<	7
852 4-Nitrophenol	ND	9	<	9
853 4-Chloro-3-methylphenol	ND	3	<	3
854 Pentachlorophenol	ND	24	<	24
855 Phenol	ND	4	<	4
856 2,4,6-Trichlorophenol	ND	3	<	3
857 N-Nitrosodiphenylamine	ND	3	<	3

==========NOTE==========

DATA FILE: >Z9875 SAMPLE NAME: SJ 63898 LPULFBLNK
EXTRACTION DATE: 10-08-93 INJECTION DATE: 10-29-93
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >Z9873 SAMPLE NAME: SJ 10808L BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	82.07	106.38	77	27-119	OK
S02 Phenol-d5	109.72	106.38	103	23-111	OK
S03 Nitrobenzene-d5	53.04	53.19	100	62-122	OK
S04 Decafluorobiphen	32.52	53.19	61	------	OK
S05 2-Fluorobiphenyl	62.19	53.19	117	56-124	OK
S06 2,4,6-Tribromoph	121.34	106.38	114	40-150	OK
S07 p-Terphenyl-d14	65.14	53.19	122	37-133	OK

Initial Volume is 940 ML

DATA FILE: ^Z9875 ^Z9869

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	13199	6820	13640	27280	OK
S21 Naphthalene-d8	56811	31508	63015	126030	OK
S22 Acenaphthene-d10	38716	21440	42880	85760	OK
S23 Phenanthrene-d10	91218	49140	98279	196558	OK
S24 Chrysene-d12	111180	54860	109720	219440	OK
S25 Perylene-d12	129160	64508	129015	258030	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.63	7.13	7.63	8.13	OK
S21 Naphthalene-d8	10.80	10.30	10.80	11.30	OK
S22 Acenaphthene-d10	15.15	14.66	15.16	15.66	OK
S23 Phenanthrene-d10	18.79	18.30	18.80	19.30	OK
S24 Chrysene-d12	25.37	24.89	25.39	25.89	OK
S25 Perylene-d12	28.95	28.46	28.96	29.46	OK

NOTES TO THE USERS:

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67598	12/20/93	01/03/94	01/10/94
SJ67601	12/20/93	01/03/94	01/10/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: 2W0320.## QUANT DATE: 9401101914 INJ TIME: 9401101836
SAMPLE NAME: SJ-67601-#LPVLFAHCPN
MISC: 1000G940103 931220 IS#14 SUR#A BTL#11
LAST EDIT FILE TIME: 8:14 AM TUE., 18 JAN., 1994

Surrogate Acceptance Limits

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)	
S01	38	48	27	38	100	38	27-119
S02	49	59	39	48	100	48	23-111
S03	24	29	21	24	50	47	62-122
S04	20	20	21	20	50	41	
S05	27	28	28	27	50	55	56-124
S06	38	50	50	46	100	46	40-150
S07	19	22	21	21	50	41	37-133

The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMITS (%)	MK
800	42	45	1	42	50	89	63-109	OK	7	0-22	OK
821	41	47	ND	44	50	88	48-115	OK	13	0-24	OK
826	29	35	ND	32	50	64	57-124	OK	18	0-22	OK
841	50	60	ND	55	50	109	56-117	OK	18	0-29	OK
842	44	48	7	38	50	78	41-129	OK	10	0-18	OK
845	45	51	ND	48	50	95	57-104	OK	13	0-23	OK
846	46	50	ND	48	50	95	53-119	OK	9	0-26	OK
852	25	32	ND	22	50	45	49-128	*	133	R 0-17	*
853	45	51	ND	48	50	96	63-112	OK	13	0-22	OK
854	15	18	ND	16	50	32	47-136	*	19	0-30	OK
855	35	42	ND	39	50	77	45-113	OK	18	0-24	OK

THE RECOVERIES OF ALL SPIKED COMPOUNDS IN QC CHECK STANDARD ARE OK.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0320 QUANT DATE: 9401101914 INJ TIME: 9401101836
SAMPLE NAME: SJ 67601 LPVLFAHCPN
MISC: 1000G940103 931220 IS$14 SUR$A BTL#11
LASTEDIT FILE TIME: 7:20 PM MON., 10 JAN., 1994

ANALYZED BY: VERIFIED BY: Rudy Schneider

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	1.42*	2		1*
801	Acenaphthylene	ND	2	<	2
802	Anthracene	1.55	1		1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	1.55*	2		2
805	Benzo(A)pyrene	1.84*	2		2*
806	Benzo(B)fluoranthene	2.82	2		3
807	Benzo(G,H,I)perylene	.85*FP	6	<	6
808	Benzo(K)fluoranthene	1.99*	2		2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	2.05	2		2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	7
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	2.18*	4		2*
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	4.10	2		4
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	50	<	50
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	6.72	2		7
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >WU320 SAMPLE NAME: SJ 67601 LPVLPAHCPN
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >WU317 SAMPLE NAME: SJ 01BU35 BMLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	%REC'V (%)	REC'V RANGE (%)	MRK
S01 2-Fluorophenol	26.62	100.00	27	42-120	*
S02 Phenol-d5	39.49	100.00	39	37-119	UK
S03 Nitrobenzene-d5	21.26	50.00	43	71-107	*
S04 Decafluorobiphen	20.96	50.00	42	------	UK
S05 2-Fluorobiphenyl	27.56	50.00	55	68-130	*
S06 2,4,6-Tribromoph	49.78	100.00	50	86-134	*
S07 p-Terphenyl-d14	20.77	50.00	42	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^WU320 ^WU309

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4593	2006	4012	8024	OK
S21 Naphthalene-d8	29826	11612	23224	46448	OK
S22 Acenaphthene-d10	20720	8902	17804	35608	OK
S23 Phenanthrene-d10	46039	21364	42727	85454	OK
S24 Chrysene-d12	59849	28362	56724	113448	OK
S25 Perylene-d12	64607	32723	65446	130892	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.23	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.42	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.76	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.95	24.45	24.95	25.45	OK
S25 Perylene-d12	28.34	27.84	28.34	28.84	OK

NOTES TO THE USERS: BNA MI CONFIRMED BY SPK AND DUP

SAN JOSE CREEK WATER QUALITY LABORATORY LCS

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0318 QUANT DATE: 9401121301 INJ TIME: 9401101708
SAMPLE NAME: SJ 01R035 QQCHECK
MISC: 1000G940103 IS#14 SUR#A BTL# 9
LASTEDIT FILE TIME: 1:05 PM WED., 12 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	43.35	2		43
801	Acenaphthylene	42.88	2		43
802	Anthracene	42.59	1		43
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	49.03	2		49
805	Benzo(A)pyrene	43.91	7		44
806	Benzo(B)fluoranthene	51.57	2		52
807	Benzo(G,H,I)perylene	48.56	6		49
808	Benzo(K)fluoranthene	37.71	2		38
809	Bis(2-chloroethoxy)methane	47.14	3		47
810	Bis(2-chloroethyl)ether	43.84	5		44
811	Bis(2chloroisopropyl)ether	33.71	3		34
812	Bis(2-ethylhexyl)phthalate	56.12	10		56
813	4-Bromophenylphenylether	51.89	9		52
814	Butylbenzylphthalate	54.95	3		55
815	2-Chloronaphthalene	42.53	1		43
816	4-Chlorophenylphenylether	50.19	2		50
817	Chrysene	44.22	2		44
818	Dibenzo(A,H)anthracene	45.70	6		46
819	1,2-Dichlorobenzene	44.44	10		44
820	1,3-Dichlorobenzene	42.15	10		42
821	1,4-Dichlorobenzene	43.22	2		43
822	3,3-Dichlorobenzidine	30.32*	100		30*
823	Diethylphthalate	53.34	2		53
824	Dimethylphthalate	50.52	3		51
825	Di-n-butylphthalate	53.26	4		53
826	2,4-Dinitrotoluene	48.13	3		48
827	2,6-Dinitrotoluene	42.94	5		43
828	Di-n-octylphthalate	50.22	5		50
829	1,2-Diphenylhydrazine	48.28	1		48
830	Fluoranthene	40.96	2		41
831	Fluorene	41.87	2		42
832	Hexachlorobenzene	44.98	1		45
833	Hexachlorobutadiene	48.32	10		48
834	Hexchlor1,3cyclopentadiene	37.45*	100		37*
835	Hexachloroethane	45.84	12		46
836	Indeno(1,2,3-CD)pyrene	56.83	6		57

837 Isophorone	31.94	3		32
838 Naphthalene	43.81	2		44
839 Nitrobenzene	50.96	2		51
840 N-Nitrosodimethylamine	35.87	30		36
841 N-Nitroso-di-n-propylamine	55.51	2		56
842 Phenanthrene	43.65	1		44
843 Pyrene	46.32	2		46
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	44.08	8		44
846 1,2,4-Trichlorobenzene	44.93	3		45
847 2,4-Dichlorophenol	41.79	3		42
848 2,4-Dimethylphenol	42.79	3		43
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	44.02	17		44
851 2-Nitrophenol	53.45	5		53
852 4-Nitrophenol	40.40	6		40
853 4-Chloro-3-methylphenol	48.31	2		48
854 Pentachlorophenol	43.17	16		43
855 Phenol	36.13	3		36
856 2,4,6-Trichlorophenol	47.31	2		47
857 N-Nitrosodiphenylamine	55.61	2		56

==========NOTE==========

DATA FILE: >W0318 SAMPLE NAME: SJ 01R03S QQCHECK
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0317 SAMPLE NAME: SJ 01B03S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	39.31	100.00	39	42-120	*
S02 Phenol-d5	52.77	100.00	53	37-115	OK
S03 Nitrobenzene-d5	28.20	50.00	56	71-107	*
S04 Decafluorobiphen	22.58	50.00	45	------	OK
S05 2-Fluorobiphenyl	28.88	50.00	58	88-130	*
S06 2,4,6-Tribromoph	55.04	100.00	55	86-134	*
S07 p-Terphenyl-d14	23.13	50.00	46	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0318 ^W0309

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	3938	2006	4012	8024	OK
S21 Naphthalene-d8	22975	11612	23224	46448	OK
S22 Acenaphthene-d10	18529	8902	17804	35608	OK
S23 Phenanthrene-d10	44670	21364	42727	85454	OK
S24 Chrysene-d12	53660	28362	56724	113448	OK
S25 Perylene-d12	68362	32723	65446	130892	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.24	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.44	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.77	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.95	24.45	24.95	25.45	OK
S25 Perylene-d12	28.36	27.84	28.34	28.84	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF RECOVERIES OF THE SPIKED SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0318 QUANT DATE: 9401121301 INJ TIME: 9401101708
SAMPLE NAME: SJ 01R03S QQCHECK
MISC: 1000G940103 IS#14 SUR#A BTL# 9
LAST EDIT FILE TIME: 1:06 PM WED., 12 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

SURROGATE	SPK (MG/KG)	NONSPK (MG/KG)	NET (MG/KG)	SPKAMT (MG/KG)	REC(%)	RANGE	RMK
800 Acenaphthene	43.3	.0	43.3	50	87	47-145	OK
801 Acenaphthylene	42.9	.0	42.9	50	86	33-145	OK
802 Anthracene	42.6	.0	42.6	50	85	27-133	OK
803 Benzidine	.0	.0	.0	50	0	-	OK
804 Benzo(A)anthrace	49.0	.0	49.0	50	98	33-143	OK
805 Benzo(A)pyrene	43.9	.0	43.9	50	88	17-163	OK
806 Benzo(B)fluorant	51.6	.0	51.6	50	103	24-159	OK
807 Benzo(G,H,I)pery	48.6	.0	48.6	50	97	D-219	OK
808 Benzo(K)fluorant	37.7	.0	37.7	50	75	11-162	OK
809 Bis(2-chloroetho	47.1	.0	47.1	50	94	33-184	OK
810 Bis(2-chloroethy	43.8	.0	43.8	50	88	12-158	OK
811 Bis(2chloroisopr	33.7	.0	33.7	50	67	36-166	OK
812 Bis(2-ethylhexyl	56.1	.0	56.1	50	112	8-158	OK
813 4-Bromophenylphe	51.9	.0	51.9	50	104	53-127	OK
814 Butylbenzylphtha	54.9	.0	54.9	50	110	D-152	OK
815 2-Chloronaphthal	42.5	.0	42.5	50	85	60-118	OK
816 4-Chlorophenylph	50.2	.0	50.2	50	100	25-158	OK
817 Chrysene	44.2	.0	44.2	50	88	17-168	OK
818 Dibenzo(A,H)anth	45.7	.0	45.7	50	91	D-227	OK
819 1,2-Dichlorobenz	44.4	.0	44.4	50	89	32-129	OK
820 1,3-Dichlorobenz	42.1	.0	42.1	50	84	D-172	OK
821 1,4-Dichlorobenz	43.2	.0	43.2	50	86	20-124	OK
822 3,3-Dichlorobenz	30.3	.0	30.3	50	61	D-262	OK
823 Diethylphthalate	53.3	.0	53.3	50	107	D-114	OK
824 Dimethylphthalat	50.5	.0	50.5	50	101	D-112	OK
825 Di-n-butylphthal	53.3	.0	53.3	50	107	1-118	OK
826 2,4-Dinitrotolue	48.1	.0	48.1	50	96	39-139	OK
827 2,6-Dinitrotolue	42.9	.0	42.9	50	86	50-158	OK
828 Di-n-octylphthal	50.2	.0	50.2	50	100	4-146	OK
829 1,2-Diphenylhydr	48.3	.0	48.3	50	97	-	OK
830 Fluoranthene	41.0	.0	41.0	50	82	26-137	OK
831 Fluorene	41.9	.0	41.9	50	84	59-121	OK
832 Hexachlorobenzen	45.0	.0	45.0	50	90	D-152	OK
833 Hexachlorobutadi	48.3	.0	48.3	50	97	24-116	OK
834 Hexchlor1,3cyclo	37.5	.0	37.5	50	75	-	OK
835 Hexachloroethane	45.8	.0	45.8	50	92	40-113	OK
836 Indeno(1,2,3-CD)	56.8	.0	56.8	50	114	D-171	OK
837 Isophorone	31.9	.0	31.9	50	64	21-196	OK
838 Naphthalene	43.8	.0	43.8	50	88	21-133	OK
839 Nitrobenzene	51.0	.0	51.0	50	102	35-180	OK

840	N-Nitrosodimethy	35.9	.0	35.9	50	72	-	OK
841	N-Nitroso-di-n-p	55.5	.0	55.5	50	111	D-230	OK
842	Phenanthrene	43.7	.0	43.7	50	87	54-120	OK
843	Pyrene	46.3	.0	46.3	50	93	52-115	OK
844	1,2,3,4-TCDD (2,	.0	.0	.0	0	N/A	-	OK
845	2-Chlorophenol	44.1	.0	44.1	50	88	23-134	OK
846	1,2,4-Trichlorob	44.9	.0	44.9	50	90	44-142	OK
847	2,4-Dichlorophen	41.8	.0	41.8	50	84	39-135	OK
848	2,4-Dimethylphen	42.8	.0	42.8	50	86	32-119	OK
849	2,4-Dinitropheno	.0	.0	.0	50	0	D-191	**
850	2-Methyl-4,6-din	44.0	.0	44.0	50	88	D-181	OK
851	2-Nitrophenol	53.5	.0	53.5	50	107	29-182	OK
852	4-Nitrophenol	40.4	.0	40.4	50	81	D-132	OK
853	4-Chloro-3-methy	48.3	.0	48.3	50	97	22-147	OK
854	Pentachloropheno	43.2	.0	43.2	50	86	14-176	OK
855	Phenol	36.1	.0	36.1	50	72	5-112	OK
856	2,4,6-Trichlorop	47.3	.0	47.3	50	95	37-144	OK
857	N-Nitrosodipheny	55.6	.0	55.6	50	111	-	OK

The spike amounts are calculated based on the initial volume of 1000 ml.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0317 QUANT DATE: 9401101658 INJ TIME: 9401101623
SAMPLE NAME: SJ 01B03S BBLANK
MISC: 1000G940103 IS#14 SUR#A BTL# 8
LASTEDIT FILE TIME: 5:02 PM MON., 10 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12

836	Indeno(1,2,3-CD)pyrene	ND	6	<	6
837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0317 SAMPLE NAME: SJ 01B03S BBLANK
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	35.59	100.00	36	42-120	*
S02 Phenol-d5	47.26	100.00	47	37-115	OK
S03 Nitrobenzene-d5	19.61	50.00	39	71-107	*
S04 Decafluorobiphen	22.01	50.00	44	------	OK
S05 2-Fluorobiphenyl	29.11	50.00	58	88-130	*
S06 2,4,6-Tribromoph	48.15	100.00	48	86-134	*
S07 p-Terphenyl-d14	21.38	50.00	43	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0317 ^W0309

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
	------	----------	------	-------	---

S20	1,4-Dichlorobenzen	4164	2006	4012	8024	OK
S21	Naphthalene-d8	22691	11612	23224	46448	OK
S22	Acenaphthene-d10	17122	8902	17804	35608	OK
S23	Phenanthrene-d10	43324	21364	42727	85454	OK
S24	Chrysene-d12	57187	28362	56724	113448	OK
S25	Perylene-d12	66190	32723	65446	130892	OK

INTERNAL STANDARD		SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20	1,4-Dichlorobenzen	7.22	6.74	7.24	7.74	OK
S21	Naphthalene-d8	10.42	9.93	10.43	10.93	OK
S22	Acenaphthene-d10	14.75	14.27	14.77	15.27	OK
S23	Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24	Chrysene-d12	24.93	24.45	24.95	25.45	OK
S25	Perylene-d12	28.33	27.84	28.34	28.84	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >W0309 QUANT DATE: 9401101110 INJ TIME: 9401101024
SAMPLE NAME: OCS-71
MISC: 1000 931122 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 11:15 AM MON., 10 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

DATA FILE:	^W0309	^W0293		
	SAMPLE	STANDARD		
INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4012	2663	5326	10652	OK
S21 Naphthalene-d8	23224	15511	31021	62042	OK
S22 Acenaphthene-d10	17804	12548	25095	50190	OK
S23 Phenanthrene-d10	42727	27668	55336	110672	OK
S24 Chrysene-d12	56724	36567	73133	146266	OK
S25 Perylene-d12	65446	45783	91565	183130	OK

	SAMPLE	STANDARD		
	RT	RT-0.5	RT	RT+0.5	
INTERNAL STANDARD	(MIN)	(MIN)	(MIN)	(MIN)	MRK
S20 1,4-Dichlorobenzen	7.24	6.72	7.22	7.72	OK
S21 Naphthalene-d8	10.43	9.92	10.42	10.92	OK
S22 Acenaphthene-d10	14.77	14.25	14.75	15.25	OK
S23 Phenanthrene-d10	18.40	17.88	18.38	18.88	OK
S24 Chrysene-d12	24.95	24.42	24.92	25.42	OK
S25 Perylene-d12	28.34	27.81	28.31	28.81	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF OCS RF CRITERIA CHECKS

OUTPUT FILE: ^W0309 CALIBRATION FILE: CLIB2
VERIFICATION TIME: 11:15 AM MON., 10 JAN., 1994

	COMPOUND	CB_RF	OCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.58336	.33220	43.05			
859	Phenol	1.63353	1.91545	17.26	*		
810	Bis(2-chloroethyl)ether	1.28213	1.40857	9.86			
845	2-Chlorophenol	1.24205	1.29332	4.13			
820	1,3-Dichlorobenzene	1.40752	1.50708	7.07			
821	1,4-Dichlorobenzene	1.49104	1.60439	7.60	*		
819	1,2-Dichlorobenzene	1.55274	1.59282	2.58			
811	Bis(2chloroisopropyl)ether	.33862	.41914	23.78			
835	Hexachloroethane	.75114	.80798	7.57			
841	N-Nitroso-di-n-propylamine	1.47644	1.53779	4.15		**	
839	Nitrobenzene	.09694	.12432	28.25			
837	Isophorone	.88249	1.00193	13.53			
851	2-Nitrophenol	.14140	.12477	11.76	*		
848	2,4-Dimethylphenol	.39049	.42084	7.77			
809	Bis(2-chloroethoxy)methane	.51907	.52997	2.10			
847	2,4-Dichlorophenol	.25997	.28822	10.87	*		
846	1,2,4-Trichlorobenzene	.29926	.33589	12.24			
838	Naphthalene	1.02841	1.11643	8.56			
833	Hexachlorobutadiene	.19350	.24110	24.59	*		
853	4-Chloro-3-methylphenol	.44111	.49359	11.90	*		
834	Hexchlor1,3cyclopentadiene	.15963	.22004	37.85		**	
856	2,4,6-Trichlorophenol	.35959	.39290	9.26	*		
815	2-Chloronaphthalene	1.10845	1.21146	9.29			
801	Acenaphthylene	1.95667	2.14055	9.40			
824	Dimethylphthalate	1.50640	1.55309	3.10			
827	2,6-Dinitrotoluene	.23209	.27302	17.64			
800	Acenaphthene	1.27183	1.32087	3.86	*		
849	2,4-Dinitrophenol	.08794	.07401	15.85		**	
826	2,4-Dinitrotoluene	.36828	.45693	24.07			
852	4-Nitrophenol	.20041	.19326	3.57		**	
831	Fluorene	1.40751	1.59317	13.19			
816	4-Chlorophenylphenylether	.63357	.68066	7.43			
823	Diethylphthalate	1.76861	1.80018	1.78			
850	2-Methyl-4,6-dinitrophenol	.09394	.09938	5.80			
857	N-Nitrosodiphenylamine	.41181	.38151	7.36	*		
829	1,2-Diphenylhydrazine	.15467	.16033	3.66			
813	4-Bromophenylphenylether	.17737	.18598	4.85			
832	Hexachlorobenzene	.25773	.32122	24.63			
854	Pentachlorophenol	.15710	.18087	15.13	*		
842	Phenanthrene	1.07193	1.12397	4.85			
802	Anthracene	1.04884	1.18183	12.68			
825	Di-n-butylphthalate	1.61578	1.57279	2.66			
830	Fluoranthene	1.35248	1.54450	14.20	*		
843	Pyrene	1.18816	1.22443	3.05			

303	Benzidine	.14165	.42691	201.39	
344	1,2,3,4-TCDD (2,3,7,8)	.19127	.27449	43.51	
314	Butylbenzylphthalate	.71366	.61133	14.34	
304	Benzo(A)anthracene	1.10003	1.17619	6.92	
317	Chrysene	1.23421	1.31381	6.45	
322	3,3-Dichlorobenzidine	.35465	.50647	42.81	
312	Bis(2-ethylhexyl)phthalate	1.04777	.96546	7.86	
328	Di-n-octylphthalate	1.64989	1.57632	4.46	*
306	Benzo(B)fluoranthene	1.05149	1.02027	2.97	
308	Benzo(K)fluoranthene	1.25742	1.44380	14.82	
305	Benzo(A)pyrene	1.12724	1.24937	10.83	*
336	Indeno(1,2,3-CD)pyrene	.74710	.78230	4.71	
318	Dibenzo(A,H)anthracene	.90137	.98600	9.39	
307	Benzo(G,H,I)perylene	.91797	1.07093	16.66	

PPPPP A SSSSS SSSSS
P P A A S S S S
P P A A S S
PPPPP AAAAAAA SSSSS SSSSS
P A A S S
P A A S S S S
P A A SSSSS SSSSS

** The output from STCHK and SAREA has been spooled into the file called KW0309 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0309 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 33.80
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes: 2 Number of samples pumps: 5
Solvent A washes: 5 Solvent B washes: 3
Sample viscosity wait: 4 Injection mode is FAST

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DCS report file KW0309 .

Operator ID: SHOUMO Quant Rev: 7 Quant Time: 940110 11:17
Output File: ^W0309::D4 Injected at: 940110 10:24
Data File: >W0309::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0309::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940110 10:24

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	7.24	343	4012	40.00	ng/ul	94
2)	840 N-Nitrosodimethylamine	1.58	31	1666	50.00	ng/ul	95
3)	S01 2-Fluorophenol	3.95	162	12667	100.00	ng/ul	91
4)	S02 Phenol-d5	6.93	326	25986	100.00	ng/ul	91
5)	855 Phenol	6.95	327	9606	50.00	ng/ul	89
6)	810 Bis(2-chloroethyl)ether	6.80	319	7064	50.00	ng/ul	94
7)	845 2-Chlorophenol	6.82	320	6486	50.00	ng/ul	94
8)	820 1,3-Dichlorobenzene	7.05	333	7558	50.00	ng/ul	92
9)	821 1,4-Dichlorobenzene	7.29	346	8046	50.00	ng/ul	92
10)	819 1,2-Dichlorobenzene	7.63	365	7988	50.00	ng/ul	94
11)	811 Bis(2chloroisopropyl)ether	8.21	397	2102	50.00	ng/ul	94
12)	835 Hexachloroethane	8.45	410	4052	50.00	ng/ul	85
13)	841 N-Nitroso-di-n-propylamine	8.56	416	7212	50.00	ng/ul	87
14)	*S21 Naphthalene-d8	10.43	519	23224	40.00	ng/ul	96
15)	S03 Nitrobenzene-d5	8.74	426	6538	50.00	ng/ul	89
16)	839 Nitrobenzene	8.78	428	3609	50.00	ng/ul	99
17)	837 Isophorone	9.47	466	29086	50.00	ng/ul	98
18)	S04 Decafluorobiphenyl	9.36	460	22688	50.00	ng/ul	98
19)	851 2-Nitrophenol	9.59	473	3622	50.00	ng/ul	82
20)	848 2,4-Dimethylphenol	10.07	499	12217	50.00	ng/ul	97
21)	809 Bis(2-chloroethoxy)methane	10.19	506	15389	50.00	ng/ul	99
22)	847 2,4-Dichlorophenol	10.34	514	8367	50.00	ng/ul	95
23)	846 1,2,4-Trichlorobenzene	10.36	515	9751	50.00	ng/ul	89
24)	838 Naphthalene	10.48	522	16205	25.00	ng/ul	98
25)	833 Hexachlorobutadiene	10.90	545	6999	50.00	ng/ul	93
26)	853 4-Chloro-3-methylphenol	12.35	625	14329	50.00	ng/ul	92
27)	*S22 Acenaphthene-d10	14.27	798	17804	40.00	ng/ul	91
28)	834 Hexchlor1,3cyclopentadiene	12.66	642	4897	50.00	ng/ul	94
29)	856 2,4,6-Trichlorophenol	13.12	667	8744	50.00	ng/ul	93
30)	S05 2-Fluorobiphenyl	13.28	676	41046	50.00	ng/ul	90
31)	815 2-Chloronaphthalene	13.43	684	26961	50.00	ng/ul	99
32)	801 Acenaphthylene	14.39	737	23819	25.00	ng/ul	98
33)	824 Dimethylphthalate	14.46	741	34964	50.00	ng/ul	93
34)	827 2,6-Dinitrotoluene	14.55	746	6076	50.00	ng/ul	97
35)	800 Acenaphthene	14.84	762	14698	25.00	ng/ul	92
36)	849 2,4-Dinitrophenol	15.21	782	1647	50.00	ng/ul	86
37)	826 2,4-Dinitrotoluene	15.51	799	10169	50.00	ng/ul	93
38)	852 4-Nitrophenol	15.82	816	4301	50.00	ng/ul	90
39)	831 Fluorene	16.13	833	17728	25.00	ng/ul	96
40)	816 4-Chlorophenylphenylether	16.28	841	15148	50.00	ng/ul	93

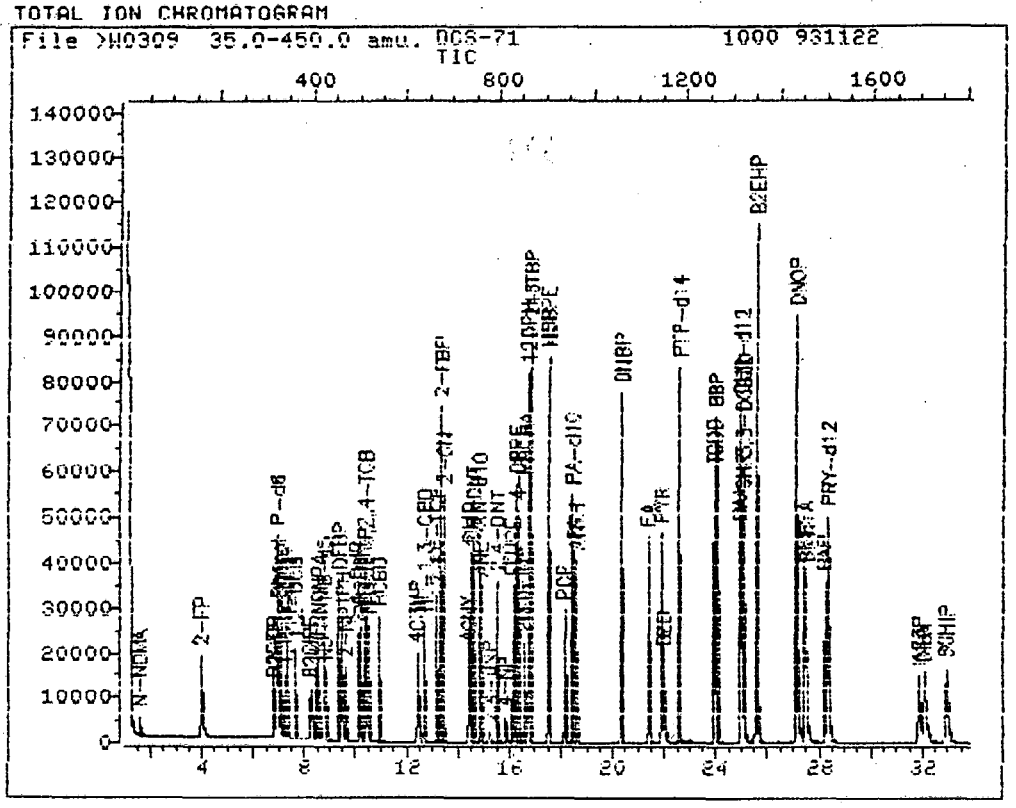
Operator ID: SHOUMO Quant Rev: 7 Quant Time: 940110 11:17
Output File: ^W0309::04 Injected at: 940110 10:24
Data File: >W0309::02 Dilution Factor: 1.00000
Name: OCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0309::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940110 10:24

		Compound	R.T.	Scan#	Area	Conc	Units	q
41)	823	Diethylphthalate	16.26	840	40063	50.00	ng/ul	95
42)	*S23	Phenanthrene-d10	18.40	958	42727	40.00	ng/ul	98
43)	850	2-Methyl-4,6-dinitrophenol	16.50	853	5308	50.00	ng/ul	95
44)	857	N-Nitrosodiphenylamine	16.64	861	20376	50.00	ng/ul	97
45)	829	1,2-Diphenylhydrazine	16.66	862	8563	50.00	ng/ul	95
46)	S06	2,4,6-Tribromophenol	16.79	869	27916	100.00	ng/ul	90
47)	813	4-Bromophenylphenylether	17.46	906	9933	50.00	ng/ul	96
48)	832	Hexachlorobenzene	17.46	906	17156	50.00	ng/ul	82
49)	854	Pentachlorophenol	18.09	941	9660	50.00	ng/ul	92
50)	842	Phenanthrene	18.46	961	30015	25.00	ng/ul	98
51)	802	Anthracene	18.58	968	31560	25.00	ng/ul	98
52)	825	Di-n-butylphthalate	20.30	1063	84001	50.00	ng/ul	99
53)	830	Fluoranthene	21.37	1122	41245	25.00	ng/ul	97
54)	*S24	Chrysene-d12	24.95	1319	56724	40.00	ng/ul	98
55)	843	Pyrene	21.88	1150	43409	25.00	ng/ul	9
56)	803	Benzidine	21.95	1154	30270	50.00	ng/ul	9
57)	S07	p-Terphenyl-d14	22.54	1186	87830	50.00	ng/ul	93
58)	844	1,2,3,4-TCDD (2,3,7,8)	23.90	1261	19463	50.00	ng/ul	98
59)	814	Butylbenzylphthalate	23.95	1264	43346	50.00	ng/ul	90
60)	804	Benzo(A)anthracene	24.91	1317	41699	25.00	ng/ul	96
61)	817	Chrysene	25.00	1322	46578	25.00	ng/ul	95
62)	822	3,3-Dichlorobenzidine	25.06	1325	35911	50.00	ng/ul	97
63)	812	Bis(2-ethylhexyl)phthalate	25.53	1351	68456	50.00	ng/ul	94
64)	*S25	Perylene-d12	28.34	1506	65446	40.00	ng/ul	97
65)	828	Di-n-octylphthalate	27.07	1436	128955	50.00	ng/ul	99
66)	806	Benzo(B)fluoranthene	27.41	1455	41733	25.00	ng/ul	93
67)	808	Benzo(K)fluoranthene	27.47	1458	59057	25.00	ng/ul	92
68)	805	Benzo(A)pyrene	28.18	1497	51104	25.00	ng/ul	97
69)	836	Indeno(1,2,3-CD)pyrene	31.84	1699	31999	25.00	ng/ul	92
70)	818	Dibenzo(A,H)anthracene	32.04	1710	40331	25.00	ng/ul	95
71)	807	Benzo(G,H,I)perylene	32.89	1757	43805	25.00	ng/ul	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0309::D2 Quant Output File: ^W0309::D4
Name: OCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

Id File: LW0309::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940110 10:24

Operator ID: SHOUMO
Quant Time : 940110 11:17
Injected at: 940110 10:24

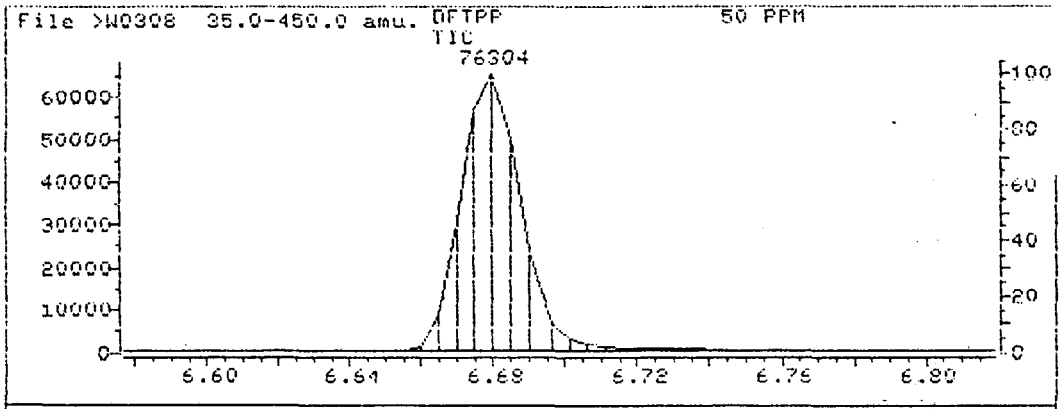
GC/MS PERFORMANCE STANDARD

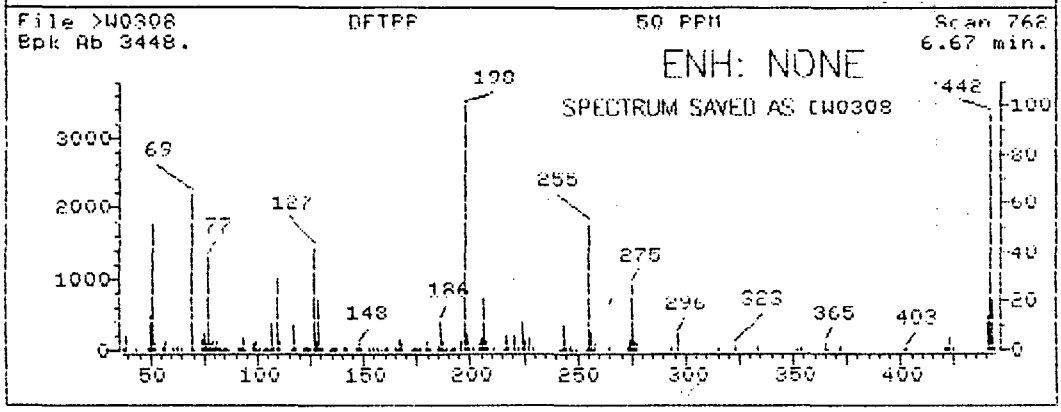
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	51.65	51.65	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	63.54	63.54	Ok
70	Less than 2% of mass 69	.41	.64	Ok
127	40-60% of mass 198	41.36	41.36	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.31	7.31	Ok
275	10-30% of mass 198	26.42	26.42	Ok
365	Greater than 1% of mass 198	3.05	3.05	Ok
441	0-100% of mass 443	13.28	64.60	Ok
442	Greater than 40% of mass 198	96.23	96.23	Ok
443	17-23% of mass 442	20.56	21.37	Ok

Injection Date: 01/10/94
Injection Time: 09:39
Data File: >W0308
Scan: 762

12/20 ?
JAN 10





>W0308 DFTPP 50 PPM
762 NRM

File: >W0308 Scan #: 762 Retn. time: 6.67

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.00	1.160	93.05	5.655	142.10	.899	196.00	3.938	256.05	7.367
39.00	6.265	94.05	.319	146.90	1.189	198.00	100.000	257.15	.522
43.80	1.218	97.95	3.132	148.00	2.639	199.00	7.309	257.95	2.842
49.05	1.015	99.05	3.973	148.90	.667	200.00	.725	265.05	.957
50.05	13.515	99.95	.551	152.90	.899	201.40	.667	272.95	2.175
51.05	51.653	101.05	1.334	155.00	1.073	204.00	2.755	274.05	4.060
52.15	2.639	103.05	.551	156.10	1.827	205.00	5.394	275.05	26.421
56.05	1.508	104.05	1.537	158.00	.435	206.00	21.462	276.05	3.596
57.05	3.712	104.85	.928	159.90	.783	207.10	3.219	277.05	2.465
61.15	.725	106.05	.319	160.90	.986	208.00	.725	292.95	.638
63.05	1.653	107.05	11.601	165.10	.957	210.80	1.189	296.05	6.932
64.95	.783	107.95	1.769	165.90	.580	216.00	.551	296.75	.696
68.95	63.544	109.95	28.335	167.00	4.002	217.00	6.032	315.05	.957
69.85	.406	110.95	3.886	168.00	3.016	218.00	1.102	323.10	2.175
74.05	4.176	115.95	.551	173.00	.464	221.10	6.090	334.10	1.856
75.05	6.990	116.95	9.919	174.10	1.131	222.80	1.160	352.10	.551
76.15	2.378	118.05	.957	175.10	1.247	224.00	12.268	354.20	.725
77.05	37.790	121.95	.754	175.90	.377	225.10	3.248	365.00	3.045
78.05	2.900	122.95	1.682	177.00	.986	227.05	5.336	366.00	.580
79.05	3.712	123.95	.667	179.00	3.567	229.05	1.131	372.10	1.537
80.05	2.175	124.95	.783	180.10	2.262	242.05	.522	402.00	.580
81.05	3.857	126.95	41.357	181.10	1.392	242.45	.377	403.00	.725
81.95	1.073	128.05	3.509	185.10	2.175	243.15	.696	421.05	.870
83.05	.957	128.95	19.954	186.00	11.659	244.05	10.586	421.95	.696
83.85	.609	129.95	1.595	187.00	3.799	245.05	1.305	423.05	5.046
85.15	.754	130.95	.725	188.00	.348	246.05	1.914	424.15	.957
85.95	1.363	134.05	.609	189.10	.957	247.05	.435	441.15	13.283
86.65	.464	134.95	1.334	190.90	.319	249.05	.493	442.05	96.230
86.85	.551	136.00	.957	191.90	.841	253.95	.522	443.15	20.563
91.05	1.102	137.10	1.073	192.90	1.276	255.05	50.754	444.05	1.682
91.95	1.015	141.00	1.972						

GC/MS PERFORMANCE STANDARD

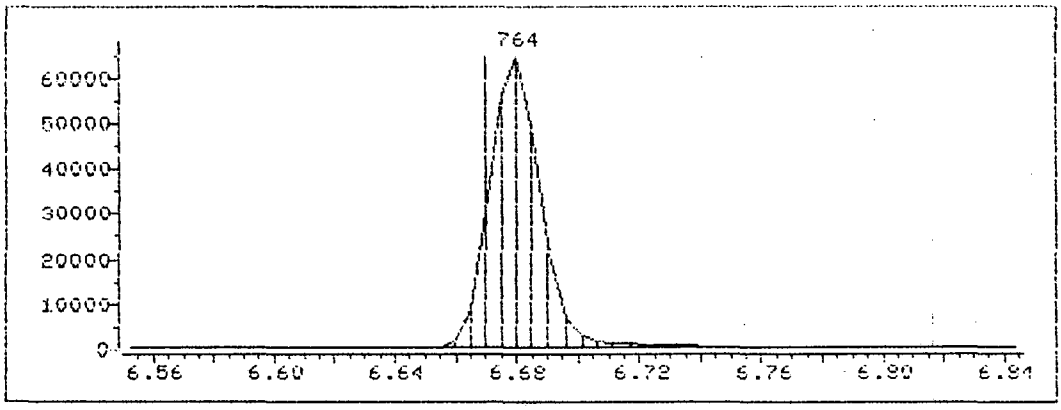
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	67.14	67.14	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	74.99	74.99	Ok
70	Less than 2% of mass 69	.47	.63	Ok
127	40-60% of mass 198	41.94	41.94	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.04	6.04	Ok
275	10-30% of mass 198	19.29	19.29	Ok
365	Greater than 1% of mass 198	2.41	2.41	Ok
441	0-100% of mass 443	8.54	89.62	Ok
442	Greater than 40% of mass 198	56.80	56.80	Ok
443	17-23% of mass 442	9.97	17.56	Ok

Injection Date: 01/10/94
Injection Time: 09:39
Data File: >W0308
Scan: 764

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TW0308	5970	3/16/93 12:34

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	67	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

This tune file has been APPENDED to the tune report file DW0308 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0308 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DW0308 .

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67598	12/20/93	01/03/94	01/10/94
SJ67601	12/20/93	01/03/94	01/10/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0319 QUANT DATE: 9401101830 INJ TIME: 9401101752
SAMPLE NAME: SJ 67598 LPULFARCP
MISC: 1000G940103 931220 IS$14 SUR$A BTL$10
LASTEDIT FILE TIME: 7:30 AM TUE., 18 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST COMPOUND CODE #		AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	1.71	1		1
803	Benzidine	2.26*FF	62	<	62
804	Benzo(A)anthracene	1.04*	2		1*
805	Benzo(A)pyrene	.62*	2		1*
806	Benzo(B)fluoranthene	.95*	2		1*
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	.18*	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	.61*FF	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	1.53*	2		2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	1.72*	2		2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	3.38	1		3
843	Pyrene	3.81	2		4
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	9	<	9
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >WB319 SAMPLE NAME: SJ 67598 LPULFAHUP
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
< FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >WB317 SAMPLE NAME: SJ 018038 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	40.91	100.00	41	42-120	*
S02 Phenol-d5	93.73	100.00	94	37-119	UK
S03 Nitrobenzene-d5	24.26	50.00	49	71-107	*
S04 Decafluorobiphen	24.02	50.00	48	------	UK
S05 2-Fluorobiphenyl	29.98	50.00	60	88-130	*
S06 2,4,6-Tribromoph	92.99	100.00	93	86-134	*
S07 p-Terphenyl-d14	22.29	50.00	49	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^WB319 ^WB309

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4015	2006	4012	8024	OK
S21 Naphthalene-d8	24357	11612	23224	46448	OK
S22 Acenaphthene-d10	19108	8902	17804	35608	OK
S23 Phenanthrene-d10	44764	21364	42727	85454	OK
S24 Chrysene-d12	55099	28362	56724	113448	OK
S25 Perylene-d12	58768	32723	65446	130892	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.23	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.43	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.77	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.96	24.45	24.95	25.45	OK
S25 Perylene-d12	28.41	27.84	28.34	28.84	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0321 QUANT DATE: 9401101959 INJ TIME: 9401101920
SAMPLE NAME: SJ 67601 LPULFAHCPS
MISC: 1000G940103 931220 IS#14 SUR#A BTL#12
LASTEDIT FILE TIME: 8:04 PM MON., 10 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.27	2		42
801	Acenaphthylene	ND	2	<	2
802	Anthracene	1.12	1		1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	1.48*	2		1*
805	Benzo(A)pyrene	2.22*	7		2*
806	Benzo(B)fluoranthene	3.10	2		3
807	Benzo(G,H,I)perylene	1.43*	6		1*
808	Benzo(K)fluoranthene	2.19	2		2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	2.19	2		2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	41.18	2		.41
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	29.30	3		29
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	3.90	2		4
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	49.83	2		50
842 Phenanthrene	ND	1	<	1
843 Pyrene	43.55	2		44
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	44.58	8		45
846 1,2,4-Trichlorobenzene	45.51	3		46
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	7.46	6		7
853 4-Chloro-3-methylphenol	44.82	2		45
854 Pentachlorophenol	14.53*	16		15*
855 Phenol	35.23	3		35
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0321 SAMPLE NAME: SJ 67601 LPVLFAHCPS
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0320 SAMPLE NAME: SJ 67601 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

800 Acenaphthene	1	ug/L
802 Anthracene	1	ug/L
825 Di-n-butylphthalate	2	ug/L
830 Fluoranthene	4	ug/L
843 Pyrene	7	ug/L
804 Benzo(A)anthracene	2	ug/L
817 Chrysene	2	ug/L
806 Benzo(B)fluoranthene	3	ug/L
808 Benzo(K)fluoranthene	2	ug/L
805 Benzo(A)pyrene	2	ug/L
807 Benzo(G,H,I)perylene	1	ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	37.96	100.00	38	42-120	*
S02 Phenol-d5	49.07	100.00	49	37-115	OK
S03 Nitrobenzene-d5	23.96	50.00	48	71-107	*
S04 Decafluorobiphen	20.08	50.00	40	------	OK
S05 2-Fluorobiphenyl	26.73	50.00	53	88-130	*
S06 2,4,6-Tribromoph	38.25	100.00	38	86-134	*
S07 p-Terphenyl-d14	19.43	50.00	39	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0321 ^W0309

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	4343	2006	4012	8024	OK
S21 Naphthalene-d8	25126	11612	23224	46448	OK
S22 Acenaphthene-d10	20487	8902	17804	35608	OK
S23 Phenanthrene-d10	48409	21364	42727	85454	OK
S24 Chrysene-d12	61949	28362	56724	113448	OK
S25 Perylene-d12	65486	32723	65446	130892	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.24	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.42	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.77	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.95	24.45	24.95	25.45	OK
S25 Perylene-d12	28.39	27.84	28.34	28.84	OK

The output from LU 6 has been sucessfully spooled into the file called OW0321 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0322 QUANT DATE: 9401102042 INJ TIME: 9401102004
SAMPLE NAME: SJ 67601 LPVLFAHCPD
MISC: 1000G940103 931220 IS#14 SUR#A BTL#13
LASTEDIT FILE TIME: 8:51 PM MON., 10 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	45.42	2		45
801	Acenaphthylene	ND	2	<	2
802	Anthracene	1.58	1		1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	1.69*	2		2
805	Benzo(A)pyrene	1.97*	2		2*
806	Benzo(B)fluoranthene	3.08	2		3
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	2.17	2		2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	2.29	2		2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	46.74	2		47
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	34.95	3		35
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	4.46	2		4
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	59.66	2		60
842	Phenanthrene	ND	1	<	1
843	Pyrene	48.01	2		48
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	50.53	8		51
846	1,2,4-Trichlorobenzene	49.71	3		50
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	37.42	6		37
853	4-Chloro-3-methylphenol	51.50	2		51
854	Pentachlorophenol	17.67	16		18
855	Phenol	42.01	3		42
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0322 SAMPLE NAME: SJ 67601 LPVLFAHCPD
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-10-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0320 SAMPLE NAME: SJ 67601 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

800	Acenaphthene	1	ug/L
802	Anthracene	1	ug/L
825	Di-n-butylphthalate	2	ug/L
830	Fluoranthene	4	ug/L
843	Pyrene	7	ug/L
804	Benzo(A)anthracene	2	ug/L
817	Chrysene	2	ug/L
806	Benzo(B)fluoranthene	3	ug/L
808	Benzo(K)fluoranthene	2	ug/L
805	Benzo(A)pyrene	2	ug/L
807	Benzo(G,H,I)perylene	1	ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	47.93	100.00	48	42-120	OK
S02 Phenol-d5	55.01	100.00	55	32-115	OK
S03 Nitrobenzene-d5	25.38	50.00	51	71-107	*
S04 Decafluorobiphen	20.35	50.00	41	------	OK
S05 2-Fluorobiphenyl	27.72	50.00	55	88-130	*
S06 2,4,6-Tribromoph	49.78	100.00	50	86-134	*
S07 p-Terphenyl-d14	21.50	50.00	43	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0322 ^W0309

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	STANDARD AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4234	2006	4012	8024	OK
S21 Naphthalene-d8	26362	11612	23224	46448	OK
S22 Acenaphthene-d10	21567	8902	17804	35608	OK
S23 Phenanthrene-d10	48012	21364	42727	85454	OK
S24 Chrysene-d12	62085	28362	56724	113448	OK
S25 Perylene-d12	68033	32723	65446	130892	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.23	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.43	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.77	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.40	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.95	24.45	24.95	25.45	OK
S25 Perylene-d12	28.39	27.84	28.34	28.84	OK

The output from LU 6 has been sucessfully spooled into the file called OW0322 .

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67599	12/20/93	01/03/94	01/11/94
SJ67600	12/20/93	01/03/94	01/11/94
SJ67602	12/21/93	01/04/94	01/11/94
SJ67603	12/21/93	01/04/94	01/11/94
SJ67680	12/27/93	01/04/94	01/11/94
SJ67681	12/27/93	01/04/94	01/11/94
SJ67682	12/27/93	01/04/94	01/11/94
SJ67683	12/27/93	01/04/94	01/11/94
SJ67703	12/29/93	01/04/94	01/11/94

QA Data Sheet

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE SPIKES OF SAMPLES ANALYZED BY HP GC/MS

DATA FILE: >W0331 QUANT DATE: 9401111840 INJ TIME: 9401111805
SAMPLE NAME: SJ 67680 LPULFAHCPN
MISC: 1000G940104*931227 IS#14 SUR#A BTL# 7
LAST EDIT FILE TIME: 10:24 AM WED., 19 JAN., 1994

JOB NO.	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPIKE AMT UG/L	REC (%)
S01	16	20	ND	12	100	12
S02	30	36	27	31	100	31
S03	20	22	23	22	50	44
S04	24	24	27	25	50	50
S05	29	30	35	32	50	63
S06	57	62	61	60	100	60
S07	22	24	25	24	50	47

Surrogate Acceptance Limits
27 – 119
23 – 101
62 – 122
56 – 124
40 – 150
37 – 133

The spike amounts are calculated based on the initial volume of 1000 ml.

TEST CODE	SPK1 UG/L	SPK2 UG/L	NSPK UG/L	NET UG/L	SPK AMT UG/L	REC (%)	RANGE LIMITS (%)	MK	RPD	RPD LIMIT (%)	MK
800	43	46	ND	44	50	89	63-109	OK	7	0-22	OK
821	40	42	ND	41	50	82	48-115	OK	5	0-24	OK
826	28	30	ND	29	50	58	57-124	OK	5	0-22	OK
841	40	43	ND	41	50	82	56-117	OK	7	0-29	OK
843	43	49	ND	46	50	92	41-129	OK	13	0-18	OK
845	37	42	ND	39	50	79	57-104	OK	13	0-23	OK
846	44	48	ND	46	50	92	53-119	OK	8	0-26	OK
852	ND	ND	ND	ND	50	ND	49-128	**	N/A	0-21	NA
853	40	45	ND	42	50	85	63-112	OK	11	0-27	OK
854	10	14	ND	12	50	24	47-136	**	8	0-30	**
855	23	30	ND	26	50	53	45-113	OK	26	0-34	OK

THE RECOVERIES OF ALL SPIKED COMPOUNDS ARE OK IN QC CHECK STANDARD.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0331 QUANT DATE: 9401111840 INJ TIME: 9401111805
SAMPLE NAME: SJ 67680 LPULFAHCPN
MISC: 1000G940104 931227 IS#14 SUR#A BTL# 7
LASTEDIT FILE TIME: 6:44 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	9	<	9
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >WU331 SAMPLE NAME: SJ 676SU LPULFAHCPN
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >WU327 SAMPLE NAME: SJ 018045 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
SU1 2-Fluorophenol	<0.1	100.00	0	42-120	*
SU2 Phenol-d5	27.08	100.00	27	32-119	*
SU3 Nitrobenzene-d5	23.33	50.00	47	71-107	*
SU4 Decafluorobiphen	27.32	50.00	55	------	UK
SU5 2-Fluorobiphenyl	35.36	50.00	71	88-130	*
SU6 2,4,6-Tribromoph	60.89	100.00	61	86-134	*
SU7 p-Terphenyl-d14	25.31	50.00	51	49-121	UK

Initial Volume is 1000 ML

DATA FILE: ^WU331 ^WU324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4081	1845	3689	7378	OK
S21 Naphthalene-d8	24664	11497	22993	45986	OK
S22 Acenaphthene-d10	19654	9392	18783	37566	OK
S23 Phenanthrene-d10	46795	22244	44487	88974	OK
S24 Chrysene-d12	61875	28944	57887	115774	OK
S25 Perylene-d12	73081	35040	70080	140160	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.36	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.89	24.41	24.91	25.41	OK
S25 Perylene-d12	28.28	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA M1 CONFIRMED BY SPK AND DUP

SAN JOSE CREEK WATER QUALITY LABORATORY

Laboratory Control Standard

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5048 QUANT DATE: 9401111337 INJ TIME: 9401111302
SAMPLE NAME: SJ 12Q22P QQCCHECK
MISC: 1000 931222 931222 IS#14 SUR#27 BTL# 4
LASTEDIT FILE TIME: 3:16 PM FRI., 14 JAN., 1994

ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	2.10*	3		2*
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2
861	o-Cresol	ND	1	<	1
862	m+p-Cresol	ND	1	<	1
501	o,p'-DDE	62.48	2		62
502	p,p'-DDE	63.48	2		63
503	o,p'-DDD	59.45	1		59
504	p,p'-DDD	64.93	1		65
505	o,p'-DDT	13.00	1		13
506	p,p'-DDT	68.16	1		68
508	alpha-BHC	59.92	1		60
509	gamma-BHC	61.93	1		62
510	Heptachlor	60.99	1		61
511	Heptachlor Epoxide	45.62	2		46
512	Aldrin	60.77	1		61
513	Dieldrin	65.91	1		66
514	Endrin	60.68	1		61
516	Methoxychlor	80.55	1		81
523	BETA-BHC	61.78	1		62
524	delta-BHC	61.94	1		62
526	CIS-CHLORDANE	58.51	2		59
527	TRANS-CHLORDANE	56.78	3		57
528	trans-Nanochlor	59.13	3		59
529	Oxychlordane	64.13	1		64
531	Endosulfan I	57.22	2		57
532	Endosulfan II	61.06	1		61
533	Endosulfan Sulfate	59.86	1		60
534	ENDRIN ALDEHYDE	43.12	2		43

==========NOTE==========

DATA FILE: >U5048 SAMPLE NAME: SJ 12Q22P QQCCHECK
EXTRACTION DATE: 12-22-93 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5047 SAMPLE NAME: SJ 12B22L BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	104.88	100.00	105	27-119	OK
S02 Phenol-d5	112.77	100.00	113	23-111	*
S03 Nitrobenzene-d5	48.89	50.00	98	62-122	OK
S04 Decafluorobiphen	29.04	50.00	58	------	OK
S05 2-Fluorobiphenyl	55.48	50.00	111	56-124	OK
S06 2,4,6-Tribromoph	112.93	100.00	113	40-150	OK
S07 p-Terphenyl-d14	51.54	50.00	103	37-133	OK

Initial Volume is 1000 ML

DATA FILE: ^U5048 ^U5043

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	47592	19717	39433	78866	OK
S21 Naphthalene-d8	204932	74143	148285	296570	OK
S22 Acenaphthene-d10	107986	51632	103264	206528	OK
S23 Phenanthrene-d10	203902	92869	185738	371476	OK
S24 Chrysene-d12	218315	102449	204898	409796	OK
S25 Perylene-d12	228246	109021	218041	436082	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.19	6.69	7.19	7.69	OK
S21 Naphthalene-d8	10.38	9.89	10.39	10.89	OK
S22 Acenaphthene-d10	14.70	14.21	14.71	15.21	OK
S23 Phenanthrene-d10	18.28	17.79	18.29	18.79	OK
S24 Chrysene-d12	24.79	24.30	24.80	25.30	OK
S25 Perylene-d12	28.16	27.67	28.17	28.67	OK

The output from LU 6 has been sucessfully spooled into the file called OU5048 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5047 QUANT DATE: 9401111251 INJ TIME: 9401111217
SAMPLE NAME: SJ 12B22L BBLANK
MISC: 1000 931222 931222 IS#14 SUR#27 BTL# 3
LASTEDIT FILE TIME: 12:56 PM TUE., 11 JAN., 1994
ANALYZED BY: Fred Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2
861	o-Cresol	ND	1	<	1
862	m+p-Cresol	ND	1	<	1
501	o,p'-DDE	ND	2	<	2
502	p,p'-DDE	ND	2	<	2
503	o,p'-DDD	ND	1	<	1
504	p,p'-DDD	ND	1	<	1
505	o,p'-DDT	ND	1	<	1
506	p,p'-DDT	ND	1	<	1
508	alpha-BHC	ND	1	<	1
509	gamma-BHC	ND	1	<	1
510	Heptachlor	ND	1	<	1
511	Heptachlor Epoxide	ND	2	<	2
512	Aldrin	ND	1	<	1
513	Dieldrin	ND	1	<	1
514	Endrin	ND	1	<	1
516	Methoxychlor	ND	1	<	1
523	BETA-BHC	ND	1	<	1
524	delta-BHC	ND	1	<	1
526	CIS-CHLORDANE	ND	2	<	2
527	TRANS-CHLORDANE	ND	3	<	3
528	trans-Nanochlor	ND	3	<	3
529	Oxychlordane	ND	1	<	1
531	Endosulfan I	ND	2	<	2
532	Endosulfan II	ND	1	<	1
533	Endosulfan Sulfate	ND	1	<	1
534	ENDRIN ALDEHYDE	ND	2	<	2

==========NOTE==========

DATA FILE: >U5047 SAMPLE NAME: SJ 12B22L BBLANK
EXTRACTION DATE: 12-22-93 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

	AMOUNT FOUND	AMOUNT SPKD

SURROGATES	IN SAMPLE (ug/L)	IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	86.65	100.00	87	27-119	OK
S02 Phenol-d5	95.42	100.00	95	23-111	OK
S03 Nitrobenzene-d5	41.50	50.00	83	62-122	OK
S04 Decafluorobiphen	27.65	50.00	55	------	OK
S05 2-Fluorobiphenyl	45.32	50.00	91	56-124	OK
S06 2,4,6-Tribromoph	92.43	100.00	92	40-150	OK
S07 p-Terphenyl-d14	65.83	50.00	132	37-133	OK

Initial Volume is 1000 ML

DATA FILE: ^U5047 ^U5043

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	41233	19717	39433	78866	OK
S21 Naphthalene-d8	169954	74143	148285	296570	OK
S22 Acenaphthene-d10	92259	51632	103264	206528	OK
S23 Phenanthrene-d10	189526	92869	185738	371476	OK
S24 Chrysene-d12	171369	102449	204898	409796	OK
S25 Perylene-d12	184937	109021	218041	436082	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.18	6.69	7.19	7.69	OK
S21 Naphthalene-d8	10.38	9.89	10.39	10.89	OK
S22 Acenaphthene-d10	14.70	14.21	14.71	15.21	OK
S23 Phenanthrene-d10	18.26	17.79	18.29	18.79	OK
S24 Chrysene-d12	24.78	24.30	24.80	25.30	OK
S25 Perylene-d12	28.15	27.67	28.17	28.67	OK

The output from LU 6 has been sucessfully spooled into the file called OU5047 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5057 QUANT DATE: 9401112037 INJ TIME: 9401112003
SAMPLE NAME: SJ 01Q03L QQCCHECK
MISC: 1000 940103 940103 IS#14 SUR#27 BTL#13
LASTEDIT FILE TIME: 2:49 PM FRI., 21 JAN., 1994

ANALYZED BY: Ruth Schaeuble VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	42.23	2		42
801	Acenaphthylene	44.12	2		44
802	Anthracene	43.48	1		43
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	51.25	2		51
805	Benzo(A)pyrene	45.88	7		46
806	Benzo(B)fluoranthene	68.26	2		68
807	Benzo(G,H,I)perylene	37.37	6		37
808	Benzo(K)fluoranthene	20.23	2		20
809	Bis(2-chloroethoxy)methane	41.90	3		42
810	Bis(2-chloroethyl)ether	48.77	5		49
811	Bis(2chloroisopropyl)ether	47.68	3		48
812	Bis(2-ethylhexyl)phthalate	52.56	10		53
813	4-Bromophenylphenylether	44.63	9		45
814	Butylbenzylphthalate	57.56	3		58
815	2-Chloronaphthalene	45.03	1		45
816	4-Chlorophenylphenylether	49.41	2		49
817	Chrysene	48.07	2		48
818	Dibenzo(A,H)anthracene	38.55	6		39
819	1,2-Dichlorobenzene	35.38	10		35
820	1,3-Dichlorobenzene	33.33	10		33
821	1,4-Dichlorobenzene	34.57	2		35
822	3,3-Dichlorobenzidine	42.16*	100		42*
823	Diethylphthalate	50.25	2		50
824	Dimethylphthalate	47.35	3		47
825	Di-n-butylphthalate	51.26	4		51
826	2,4-Dinitrotoluene	94.01	3		94
827	2,6-Dinitrotoluene	44.34	5		44
828	Di-n-octylphthalate	53.73	5		54
829	1,2-Diphenylhydrazine	47.99	1		48
830	Fluoranthene	45.55	2		46
831	Fluorene	47.63	2		48
832	Hexachlorobenzene	43.58	1		44
833	Hexachlorobutadiene	25.84	10		26
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	25.11	12		25
836	Indeno(1,2,3-CD)pyrene	42.11	6		42

837	Isophorone	31.85	3		32
838	Naphthalene	35.38	2		35
839	Nitrobenzene	47.68	2		48
840	N-Nitrosodimethylamine	51.45	30		51
841	N-Nitroso-di-n-propylamine	42.87	2		43
842	Phenanthrene	45.74	1		46
843	Pyrene	58.07	2		58
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	47.19	8		47
846	1,2,4-Trichlorobenzene	30.59	3		31
847	2,4-Dichlorophenol	44.54	3		45
848	2,4-Dimethylphenol	30.19	3		30
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	3.72*	17		4*
851	2-Nitrophenol	31.36	5		31
852	4-Nitrophenol	190.95	6		191
853	4-Chloro-3-methylphenol	46.79	2		47
854	Pentachlorophenol	5.16*	16		5*
855	Phenol	46.23	3		46
856	2,4,6-Trichlorophenol	102.69	2		103
857	N-Nitrosodiphenylamine	47.92	2		48
861	o-Cresol	46.24	1		46
862	m+p-Cresol	49.19	1		49
501	o,p'-DDE	ND	2	<	2
502	p,p'-DDE	ND	2	<	2
503	o,p'-DDD	ND	1	<	1
504	p,p'-DDD	ND	1	<	1
505	o,p'-DDT	ND	1	<	1
506	p,p'-DDT	ND	1	<	1
508	alpha-BHC	ND	1	<	1
509	gamma-BHC	ND	1	<	1
510	Heptachlor	ND	1	<	1
511	Heptachlor Epoxide	ND	2	<	2
512	Aldrin	ND	1	<	1
513	Dieldrin	ND	1	<	1
514	Endrin	ND	1	<	1
516	Methoxychlor	ND	1	<	1
523	BETA-BHC	ND	1	<	1
524	delta-BHC	ND	1	<	1
526	CIS-CHLORDANE	ND	2	<	2
527	TRANS-CHLORDANE	ND	3	<	3
528	trans-Nanochlor	ND	3	<	3
529	Oxychlordane	ND	1	<	1
531	Endosulfan I	ND	2	<	2
532	Endosulfan II	ND	1	<	1
533	Endosulfan Sulfate	ND	1	<	1
534	ENDRIN ALDEHYDE	ND	2	<	2

==========NOTE==========

DATA FILE: >U5057 SAMPLE NAME: SJ 01Q03L QQCCHECK
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5056 SAMPLE NAME: SJ 01B03L BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

812 Bis(2-ethylhexyl)phthalate 1 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (ug/L)	AMOUNT SPKD IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	102.57	100.00	103	27-119	OK
S02 Phenol-d5	119.07	100.00	119	23-111	*
S03 Nitrobenzene-d5	51.05	50.00	102	62-122	OK
S04 Decafluorobiphen	32.04	50.00	64	------	OK
S05 2-Fluorobiphenyl	52.38	50.00	105	56-124	OK
S06 2,4,6-Tribromoph	97.82	100.00	98	40-150	OK
S07 p-Terphenyl-d14	45.42	50.00	91	37-133	OK

Initial Volume is 1000 ML

DATA FILE: ^U5057 ^U5043

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	40832	19717	39433	78866	OK
S21 Naphthalene-d8	167300	74143	148285	296570	OK
S22 Acenaphthene-d10	103457	51632	103264	206528	OK
S23 Phenanthrene-d10	203293	92869	185738	371476	OK
S24 Chrysene-d12	194055	102449	204898	409796	OK
S25 Perylene-d12	208276	109021	218041	436082	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.20	6.69	7.19	7.69	OK
S21 Naphthalene-d8	10.38	9.89	10.39	10.89	OK
S22 Acenaphthene-d10	14.71	14.21	14.71	15.21	OK
S23 Phenanthrene-d10	18.27	17.79	18.29	18.79	OK
S24 Chrysene-d12	24.81	24.30	24.80	25.30	OK
S25 Perylene-d12	28.18	27.67	28.17	28.67	OK

The output from LU 6 has been sucessfully spooled into the file called OU5057 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5056 QUANT DATE: 9401111951 INJ TIME: 9401111917
SAMPLE NAME: SJ 01B03L BBLANK
MISC: 1000 940103 940103 IS#14 SUR#27 BTL#12
LASTEDIT FILE TIME: 8:42 PM TUE., 11 JAN., 1994

ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (ug/L)	METHOD DETECTION LIMIT (ug/L)		IBM DATA ENTRY (ug/L)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.97*	10		1*
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	.2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2
861	o-Cresol	ND	1	<	1
862	m+p-Cresol	ND	1	<	1
501	o,p'-DDE	ND	2	<	2
502	p,p'-DDE	ND	2	<	2
503	o,p'-DDD	ND	1	<	1
504	p,p'-DDD	ND	1	<	1
505	o,p'-DDT	ND	1	<	1
506	p,p'-DDT	ND	1	<	1
508	alpha-BHC	ND	1	<	1
509	gamma-BHC	ND	1	<	1
510	Heptachlor	ND	1	<	1
511	Heptachlor Epoxide	ND	2	<	2
512	Aldrin	ND	1	<	1
513	Dieldrin	ND	1	<	1
514	Endrin	ND	1	<	1
516	Methoxychlor	ND	1	<	1
523	BETA-BHC	ND	1	<	1
524	delta-BHC	ND	1	<	1
526	CIS-CHLORDANE	ND	2	<	2
527	TRANS-CHLORDANE	ND	3	<	3
528	trans-Nanochlor	ND	3	<	3
529	Oxychlordane	ND	1	<	1
531	Endosulfan I	ND	2	<	2
532	Endosulfan II	ND	1	<	1
533	Endosulfan Sulfate	ND	1	<	1
534	ENDRIN ALDEHYDE	ND	2	<	2

==========NOTE==========

DATA FILE: >U5056 SAMPLE NAME: SJ 01B03L BBLANK
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

	AMOUNT FOUND	AMOUNT SPKD

SURROGATES	IN SAMPLE (ug/L)	IN SAMPLE (ug/L)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	92.51	100.00	93	27-119	OK
S02 Phenol-d5	104.58	100.00	105	23-111	OK
S03 Nitrobenzene-d5	45.29	50.00	91	62-122	OK
S04 Decafluorobiphen	26.64	50.00	53	------	OK
S05 2-Fluorobiphenyl	48.08	50.00	96	56-124	OK
S06 2,4,6-Tribromoph	91.98	100.00	92	40-150	OK
S07 p-Terphenyl-d14	39.44	50.00	79	37-133	OK

Initial Volume is 1000 ML

DATA FILE: ^U5056 ^U5043

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	47414	19717	39433	78866	OK
S21 Naphthalene-d8	200368	74143	148285	296570	OK
S22 Acenaphthene-d10	114766	51632	103264	206528	OK
S23 Phenanthrene-d10	244109	92869	185738	371476	OK
S24 Chrysene-d12	248333	102449	204898	409796	OK
S25 Perylene-d12	248638	109021	218041	436082	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.20	6.69	7.19	7.69	OK
S21 Naphthalene-d8	10.38	9.89	10.39	10.89	OK
S22 Acenaphthene-d10	14.70	14.21	14.71	15.21	OK
S23 Phenanthrene-d10	18.28	17.79	18.29	18.79	OK
S24 Chrysene-d12	24.79	24.30	24.80	25.30	OK
S25 Perylene-d12	28.18	27.67	28.17	28.67	OK

The output from LU 6 has been sucessfully spooled into the file called OU5056 .

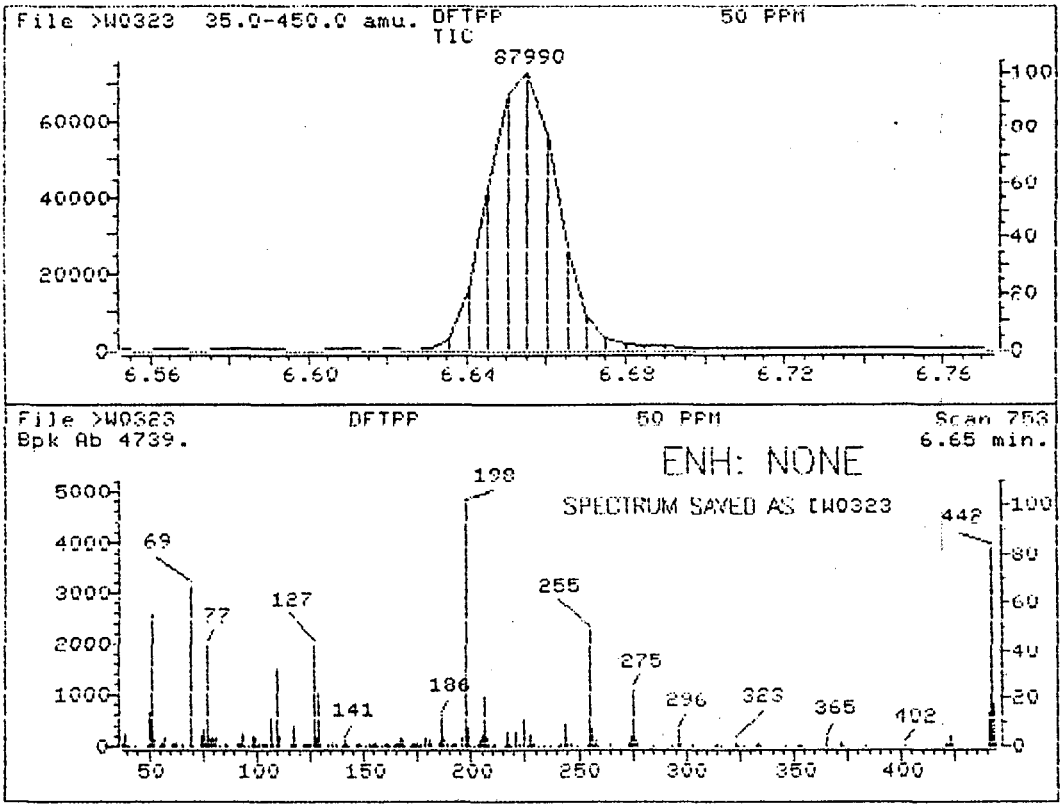
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	54.32	54.32	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	65.96	65.96	Ok
70	Less than 2% of mass 69	.30	.45	Ok
127	40-60% of mass 198	42.01	42.01	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.49	7.49	Ok
275	10-30% of mass 198	23.02	23.02	Ok
365	Greater than 1% of mass 198	3.19	3.19	Ok
441	0-100% of mass 443	14.05	78.17	Ok
442	Greater than 40% of mass 198	82.15	82.15	Ok
443	17-23% of mass 442	17.98	21.89	Ok

Injection Date: 01/11/94
Injection Time: 12:32
Data File: >W0323
Scan: 753

01/03 ?
JAN 11



>W0323 DFTPP 50 PPM
753 NRM

File: >W0323 Scan #: 753 Retn. time: 6.65

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.10	1.055	99.95	.422	156.10	1.857	206.10	20.468	275.15	23.022
39.10	5.571	100.95	1.540	157.00	.485	207.10	3.397	275.95	2.954
40.10	.506	103.05	.802	158.10	.528	208.10	.717	277.05	2.047
41.00	.443	104.05	1.139	160.10	.696	210.20	.359	285.25	.359
44.00	.612	104.95	.844	161.10	1.329	211.20	.844	293.05	.549
49.05	.612	107.05	11.859	162.10	.359	216.00	.549	296.05	6.710
50.05	13.948	108.05	1.899	163.80	.317	217.00	5.951	297.15	1.013
51.15	54.315	110.05	31.905	165.10	.696	218.00	.823	303.15	.760
52.15	2.954	110.95	4.051	166.10	.823	218.90	.317	314.05	.232
54.95	.485	116.05	.971	167.10	3.946	221.10	6.394	314.25	.274
56.05	1.709	117.05	8.356	168.10	2.321	223.10	1.329	315.05	.739
57.05	3.904	117.95	.781	169.10	.506	224.10	12.154	316.05	.338
61.15	.717	121.95	.760	172.00	.528	225.00	3.313	323.10	2.152
62.05	.928	122.95	1.245	173.00	.717	226.10	.359	324.00	.359
63.05	1.941	123.95	.886	174.10	1.034	227.15	5.064	327.00	.464
65.15	.907	124.95	.675	175.10	1.540	228.15	.781	333.10	.317
69.05	65.963	127.05	42.013	176.20	.591	229.15	1.182	334.10	1.477
70.25	.295	128.05	3.418	177.10	.781	231.05	.549	339.10	.464
74.05	4.347	129.05	21.671	179.00	3.229	234.05	.422	346.10	.401
75.05	7.090	130.05	1.984	180.10	2.469	236.95	.464	352.20	.506
76.15	2.047	134.05	.781	181.20	1.034	241.15	.253	353.20	.380
77.15	41.654	135.05	1.625	185.00	1.498	242.05	.696	354.20	.633
78.15	3.018	136.00	.696	186.10	12.724	244.15	9.749	365.00	3.186
79.15	3.672	137.10	.823	187.10	2.996	245.15	1.287	372.10	1.498
80.05	2.553	137.90	.338	189.00	.907	246.15	2.152	373.00	.422
81.05	3.524	140.00	.380	191.00	.506	249.15	.401	383.10	.422
83.05	.633	141.00	2.384	192.00	1.097	253.95	.485	402.10	.570
86.05	.844	142.00	.865	193.10	1.097	255.05	47.816	421.15	.654
87.05	.464	143.00	.506	196.10	3.271	256.15	7.618	422.15	.633
91.05	.907	147.10	1.182	198.00	100.000	257.15	.612	423.15	4.642
92.05	1.118	148.10	2.089	199.00	7.491	258.05	2.743	424.15	.971
93.05	4.853	149.20	.549	200.10	.443	259.05	.549	441.15	14.054
94.05	.528	151.10	.380	201.40	.570	265.05	1.161	442.15	82.148
96.05	.295	153.00	.907	203.10	1.034	273.15	1.562	443.15	17.978
98.05	4.073	154.00	.464	204.10	2.764	274.05	4.094	444.15	1.836
98.95	3.313	155.10	1.203	205.10	5.655				

GC/MS PERFORMANCE STANDARD

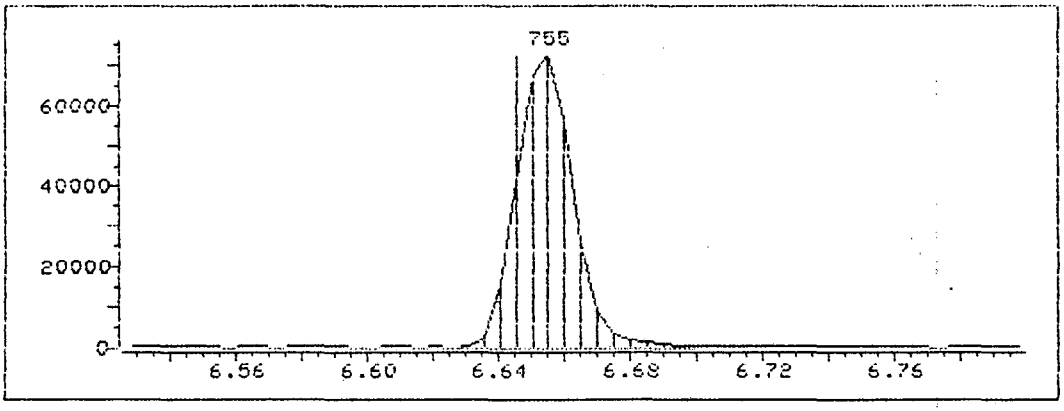
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	66.93	66.93	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	73.59	73.59	Ok
70	Less than 2% of mass 69	.26	.36	Ok
127	40-60% of mass 198	42.70	42.70	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.56	6.56	Ok
275	10-30% of mass 198	20.99	20.99	Ok
365	Greater than 1% of mass 198	2.08	2.08	Ok
441	0-100% of mass 443	9.17	75.75	Ok
442	Greater than 40% of mass 198	57.68	57.68	Ok
443	17-23% of mass 442	12.11	20.99	Ok

Injection Date: 01/11/94
Injection Time: 12:32
Data File: >W0323
Scan: 755

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TW0323	5970	1/11/94 12:28

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.5	ION FOCUS	(0 - 204 V)	60
ENT. LENS	(0 - 255 MV/AMU)	72	X - RAY	(0 - 204 V)	22
EL. MULT	(0 - 3000 V)	1747			
AMU GAIN	(0 - 255)	162	AMU OFFSET	(0 - 255)	69
AXIS GAIN	(0 - +/- 999)	36	AXIS OFFSET	(0 - +/- 999)	-25

This tune file has been APPENDED to the tune report file DW0323 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0323 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 3.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes: 2 Number of samples pumps: 5
Solvent A washes: 5 Solvent B washes: 3
Sample viscosity wait: 4 Injection mode is FAST

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DW0323 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >W0324 QUANT DATE: 9401111355 INJ TIME: 9401111251
SAMPLE NAME: OCS-71
MISC: 1000 931122 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 2:01 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

DATA FILE: ^W0324 ^W0309

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	3689	2006	4012	8024	OK
S21 Naphthalene-d8	22993	11612	23224	46448	OK
S22 Acenaphthene-d10	18783	8902	17804	35608	OK
S23 Phenanthrene-d10	44487	21364	42727	85454	OK
S24 Chrysene-d12	57887	28362	56724	113448	OK
S25 Perylene-d12	70080	32723	69446	130892	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.74	7.24	7.74	OK
S21 Naphthalene-d8	10.40	9.93	10.43	10.93	OK
S22 Acenaphthene-d10	14.74	14.27	14.77	15.27	OK
S23 Phenanthrene-d10	18.36	17.90	18.40	18.90	OK
S24 Chrysene-d12	24.91	24.45	24.95	25.45	OK
S25 Perylene-d12	28.31	27.84	28.34	28.84	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^W0324 CALIBRATION FILE: CLIB2
VERIFICATION TIME: 2:01 PM TUE., 11 JAN., 1994

	COMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-Nitrosodimethylamine	.58336	.48750	16.43			
855	Phenol	1.63353	1.57289	3.71	*		
810	Bis(2-chloroethyl)ether	1.28213	1.22765	4.25			
845	2-Chlorophenol	1.24205	1.24326	.10			
820	1,3-Dichlorobenzene	1.40752	1.40634	.08			
821	1,4-Dichlorobenzene	1.49104	1.53971	3.26	*		
819	1,2-Dichlorobenzene	1.55274	1.60694	3.49			
811	Bis(2chloroisopropyl)ether	.33862	.40076	18.35			
835	Hexachloroethane	.75114	.86029	14.53			
841	N-Nitroso-di-n-propylamine	1.47644	1.62082	9.78		**	
839	Nitrobenzene	.09694	.12529	29.25			
837	Isophorone	.88249	.92449	4.76			
851	2-Nitrophenol	.14140	.13284	6.06	*		
848	2,4-Dimethylphenol	.39049	.38537	1.31			
809	Bis(2-chloroethoxy)methane	.51907	.51365	1.04			
847	2,4-Dichlorophenol	.25997	.24432	6.02	*		
846	1,2,4-Trichlorobenzene	.29926	.33127	10.69			
838	Naphthalene	1.02841	1.05159	2.25			
833	Hexachlorobutadiene	.19350	.24153	24.82	*		
853	4-Chloro-3-methylphenol	.44111	.46393	5.17	*		
834	Hexchlor1,3cyclopentadiene	.15963	.20363	27.57		**	
856	2,4,6-Trichlorophenol	.35959	.37941	5.51	*		
815	2-Chloronaphthalene	1.10845	1.12306	1.32			
801	Acenaphthylene	1.95667	1.96544	.45			
824	Dimethylphthalate	1.50640	1.47474	2.10			
827	2,6-Dinitrotoluene	.23209	.27974	20.53			
800	Acenaphthene	1.27183	1.24206	2.34	*		
849	2,4-Dinitrophenol	.08794	.08335	5.22		**	
826	2,4-Dinitrotoluene	.36828	.41695	13.11			
852	4-Nitrophenol	.20041	.18945	5.47		**	
831	Fluorene	1.40751	1.44105	2.38			
816	4-Chlorophenylphenylether	.63357	.69024	8.94			
823	Diethylphthalate	1.76861	1.68548	4.70			
850	2-Methyl-4,6-dinitrophenol	.09394	.10000	6.46			
857	N-Nitrosodiphenylamine	.41181	.36669	10.96	*		
829	1,2-Diphenylhydrazine	.15467	.14978	3.16			
813	4-Bromophenylphenylether	.17737	.17147	3.33			
832	Hexachlorobenzene	.25773	.29909	16.05			
854	Pentachlorophenol	.15710	.16436	4.62	*		
842	Phenanthrene	1.07193	1.06850	.32			
802	Anthracene	1.04884	1.07533	2.53			
825	Di-n-butylphthalate	1.61578	1.55208	3.94			
830	Fluoranthene	1.39248	1.42413	5.30	*		
843	Pyrene	1.18816	1.19582	2.72			

303	Benzidine	.14165	.41152	190.53	
344	1,2,3,4-TCDD (2,3,7,8)	.19127	.25855	35.17	
314	Butylbenzylphthalate	.71366	.65438	8.31	
304	Benzo(A)anthracene	1.10003	1.13606	3.28	
317	Chrysene	1.23421	1.24394	.79	
32	3,3-Dichlorobenzidine	.35465	.50093	41.25	
12	Bis(2-ethylhexyl)phthalate	1.04777	.95152	9.19	
328	Di-n-octylphthalate	1.64989	1.61115	2.35	*
306	Benzo(B)fluoranthene	1.05149	1.03338	1.72	
308	Benzo(K)fluoranthene	1.25742	1.33717	6.34	
305	Benzo(A)pyrene	1.12724	1.16929	3.73	*
336	Indeno(1,2,3-CD)pyrene	.74710	.84735	13.42	
318	Dibenzo(A,H)anthracene	.90137	1.02559	13.78	
307	Benzo(G,H,I)perylene	.91797	1.08893	18.62	

```
PPPPP       A         SSSSS    SSSSS
P    P      A A       S     S  S     S
P    P     A   A      S        S
PPPPP     AAAAAAA      SSSSS    SSSSS
P        A        A          S         S
P       A          A  S     S  S     S
P      A            A  SSSSS    SSSSS
```

** The output from STCHK and SAREA has been spooled into the file called KW0324 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MW0324 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	25.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 33.80
Scan Start Time: 1.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes: 2 Number of samples pumps: 9
Solvent A washes: 5 Solvent B washes: 3
Sample viscosity wait: 4 Injection mode is FAST

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1795
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DOS report file KW0324 .

Operator ID: TRFIL Quant Rev: 7 Quant Time: 940111 14:03
Output File: ^W0324::D4 Injected at: 940111 12:51
Data File: >W0324::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0324::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940111 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-Dichlorobenzene-d4	7.21	343	3689	40.00	ng/ul	96
2)	840 N-Nitrosodimethylamine	1.97	32	2248	50.00	ng/ul	83
3)	S01 2-Fluorophenol	3.92	162	11038	100.00	ng/ul	89
4)	S02 Phenol-d5	6.90	326	22860	100.00	ng/ul	89
5)	855 Phenol	6.92	327	7253	50.00	ng/ul	93
6)	810 Bis(2-chloroethyl)ether	6.77	319	5661	50.00	ng/ul	92
7)	845 2-Chlorophenol	6.79	320	5733	50.00	ng/ul	94
8)	820 1,3-Dichlorobenzene	7.03	333	6485	50.00	ng/ul	88
9)	821 1,4-Dichlorobenzene	7.26	346	7100	50.00	ng/ul	93
10)	819 1,2-Dichlorobenzene	7.61	365	7410	50.00	ng/ul	94
11)	811 Bis(2chloroisopropyl)ether	8.19	397	1848	50.00	ng/ul	93
12)	835 Hexachloroethane	8.40	409	3967	50.00	ng/ul	87
13)	841 N-Nitroso-di-n-propylamine	8.53	416	7474	50.00	ng/ul	90
14)	*S21 Naphthalene-d8	10.40	519	22993	40.00	ng/ul	96
15)	S03 Nitrobenzene-d5	8.71	426	5885	50.00	ng/ul	92
16)	839 Nitrobenzene	8.77	429	3601	50.00	ng/ul	80
17)	837 Isophorone	9.44	466	26571	50.00	ng/ul	97
18)	S04 Decafluorobiphenyl	9.33	460	19272	50.00	ng/ul	94
19)	851 2-Nitrophenol	9.57	473	3818	50.00	ng/ul	82
20)	848 2,4-Dimethylphenol	10.04	499	11076	50.00	ng/ul	97
21)	809 Bis(2-chloroethoxy)methane	10.16	506	14763	50.00	ng/ul	94
22)	847 2,4-Dichlorophenol	10.31	514	7022	50.00	ng/ul	92
23)	846 1,2,4-Trichlorobenzene	10.33	515	9521	50.00	ng/ul	91
24)	838 Naphthalene	10.45	522	15112	25.00	ng/ul	96
25)	833 Hexachlorobutadiene	10.87	545	6942	50.00	ng/ul	91
26)	853 4-Chloro-3-methylphenol	12.32	625	13334	50.00	ng/ul	90
27)	*S22 Acenaphthene-d10	14.74	758	18783	40.00	ng/ul	94
28)	834 Hexchlor1,3cyclopentadiene	12.63	642	4781	50.00	ng/ul	99
29)	856 2,4,6-Trichlorophenol	13.09	667	8908	50.00	ng/ul	94
30)	S05 2-Fluorobiphenyl	13.25	676	38428	50.00	ng/ul	88
31)	815 2-Chloronaphthalene	13.39	684	26368	50.00	ng/ul	99
32)	801 Acenaphthylene	14.36	737	23073	25.00	ng/ul	99
33)	824 Dimethylphthalate	14.43	741	34625	50.00	ng/ul	98
34)	827 2,6-Dinitrotoluene	14.52	746	6568	50.00	ng/ul	87
35)	800 Acenaphthene	14.81	762	14581	25.00	ng/ul	93
36)	849 2,4-Dinitrophenol	15.17	782	1957	50.00	ng/ul	83
37)	826 2,4-Dinitrotoluene	15.48	799	9780	50.00	ng/ul	78
38)	852 4-Nitrophenol	15.77	815	4448	50.00	ng/ul	96
39)	831 Fluorene	16.10	833	16917	25.00	ng/ul	99
40)	816 4-Chlorophenylphenylether	16.24	841	16206	50.00	ng/ul	88

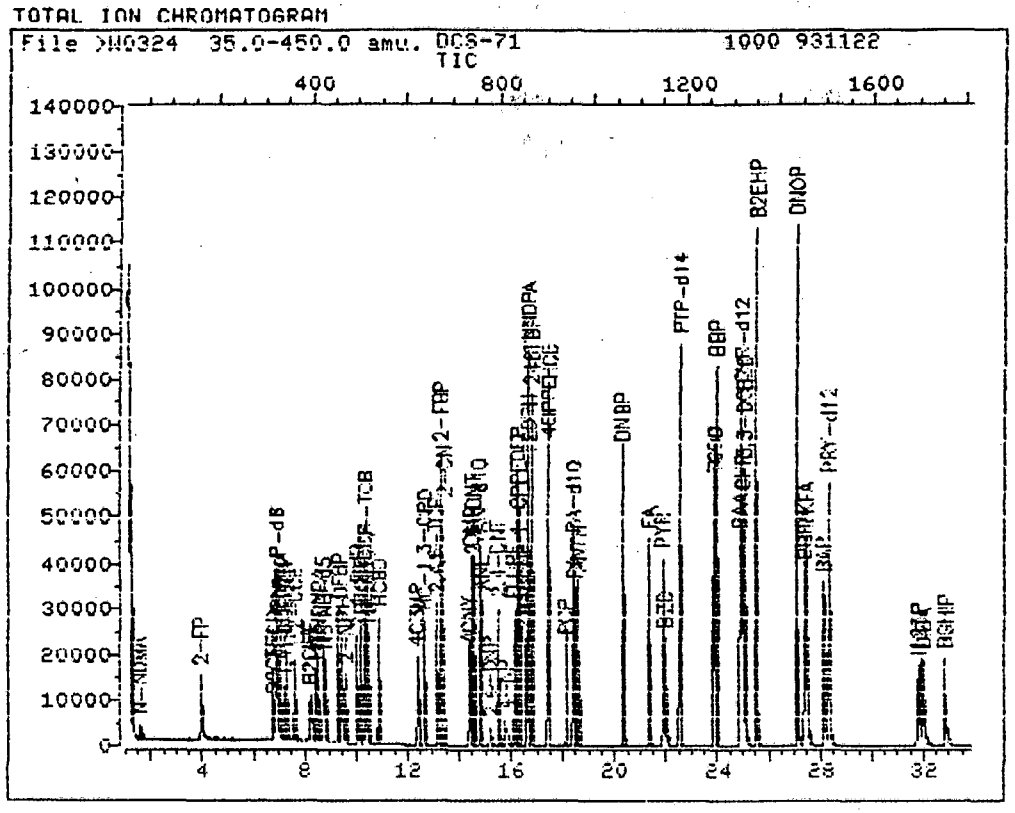
Operator ID: TRF1L Quant Rev: 7 Quant Time: 940111 14:03
Output File: ^W0324::D4 Injected at: 940111 12:51
Data File: >W0324::D2 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

ID File: LW0324::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940111 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	823 Diethylphthalate	16.22	840	39573	50.00	ng/ul	97
42)	*S23 Phenanthrene-d10	18.36	958	44487	40.00	ng/ul	98
43)	850 2-Methyl-4,6-dinitrophenol	16.48	854	5561	50.00	ng/ul	86
44)	857 N-Nitrosodiphenylamine	16.62	862	20391	50.00	ng/ul	98
45)	829 1,2-Diphenylhydrazine	16.64	863	8329	50.00	ng/ul	96
46)	S06 2,4,6-Tribromophenol	16.75	869	24413	100.00	ng/ul	91
47)	813 4-Bromophenylphenylether	17.42	906	9535	50.00	ng/ul	91
48)	832 Hexachlorobenzene	17.44	907	16632	50.00	ng/ul	88
49)	854 Pentachlorophenol	18.05	941	9140	50.00	ng/ul	90
50)	842 Phenanthrene	18.42	961	29709	25.00	ng/ul	97
51)	802 Anthracene	18.54	968	29899	25.00	ng/ul	98
52)	825 Di-n-butylphthalate	20.27	1063	86309	50.00	ng/ul	98
53)	830 Fluoranthene	21.34	1122	39597	25.00	ng/ul	99
54)	*S24 Chrysene-d12	24.91	1319	57887	40.00	ng/ul	92
55)	843 Pyrene	21.84	1150	41817	25.00	ng/ul	
56)	803 Benzidine	21.93	1155	29777	50.00	ng/ul	
57)	S07 p-Terphenyl-d14	22.51	1187	86760	50.00	ng/ul	96
58)	844 1,2,3,4-TCDD (2,3,7,8)	23.86	1261	18708	50.00	ng/ul	92
59)	814 Butylbenzylphthalate	23.93	1265	47350	50.00	ng/ul	94
60)	804 Benzo(A)anthracene	24.87	1317	41102	25.00	ng/ul	97
61)	817 Chrysene	24.97	1322	45005	25.00	ng/ul	96
62)	822 3,3-Dichlorobenzidine	25.02	1325	36247	50.00	ng/ul	94
63)	812 Bis(2-ethylhexyl)phthalate	25.49	1351	68851	50.00	ng/ul	99
64)	*S25 Perylene-d12	28.31	1506	70080	40.00	ng/ul	99
65)	828 Di-n-octylphthalate	27.03	1436	141137	50.00	ng/ul	99
66)	806 Benzo(B)fluoranthene	27.36	1454	45262	25.00	ng/ul	99
67)	808 Benzo(K)fluoranthene	27.43	1458	58968	25.00	ng/ul	92
68)	805 Benzo(A)pyrene	28.12	1496	51215	25.00	ng/ul	92
69)	836 Indeno(1,2,3-CD)pyrene	31.77	1697	37114	25.00	ng/ul	92
70)	818 Dibenzo(A,H)anthracene	31.97	1708	44921	25.00	ng/ul	96
71)	807 Benzo(G,H,I)perylene	32.82	1755	47695	25.00	ng/ul	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >W0324::D2 Quant Output File: ^W0324::D4
Name: DCS-71 Instrument ID: #2 BNA
Misc: 1000 931122 IS#14 SUR#A BTL#97

Id File: LW0324::AS
Title: SHORT LIST BNA IDFILE, WITH 3 IONS. REF SPECTRA FROM 27OCT89
Last Calibration: 910802 23:19 Last Qcal Time: 940111 12:51

Operator ID: TRFIL
Quant Time : 940111 14:03
Injected at: 940111 12:51

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0327 QUANT DATE: 9401111542 INJ TIME: 9401111506
SAMPLE NAME: SJ 01B04S BBLANK
MISC: 1000G940104 IS#14 SUR#A BTL# 3
LASTEDIT FILE TIME: 4:07 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0327 SAMPLE NAME: SJ 01B04S BBLANK
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	16.95	100.00	17	42-120	*
S02 Phenol-d5	34.57	100.00	35	37-119	*
S03 Nitrobenzene-d5	25.68	50.00	51	71-107	*
S04 Decafluorobiphen	25.30	50.00	51	------	OK
S05 2-Fluorobiphenyl	31.54	50.00	63	88-130	*
S06 2,4,6-Tribromoph	58.13	100.00	58	86-134	*
S07 p-Terphenyl-d14	21.68	50.00	43	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0327 ^W0324

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
820 1,4-Dichlorobenzen	4165	1845	3689	7378	OK

S21	Naphthalene-d8	24538	11497	22993	45986	OK
S22	Acenaphthene-d10	20455	9392	18783	37566	OK
S23	Phenanthrene-d10	47552	22244	44487	88974	OK
S24	Chrysene-d12	62309	28944	57887	115774	OK
S25	Perylene-d12	70234	35040	70080	140160	OK

INTERNAL STANDARD		SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20	1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21	Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22	Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23	Phenanthrene-d10	18.35	17.86	18.36	18.86	OK
S24	Chrysene-d12	24.90	24.41	24.91	25.41	OK
S25	Perylene-d12	28.29	27.81	28.31	28.81	OK

The output from LU 6 has been sucessfully spooled into the file called OW0327 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0328 QUANT DATE: 9401181514 INJ TIME: 9401111551
SAMPLE NAME: SJ 01R04S QQCHECK
MISC: 1000G940104 IS#14 SUR#A BTL# 4
LASTEDIT FILE TIME: 3:28 PM TUE., 18 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	41.33	2		41
801	Acenaphthylene	40.31	2		40
802	Anthracene	44.87	1		45
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	47.45	2		47
805	Benzo(A)pyrene	42.94	7		43
806	Benzo(B)fluoranthene	49.33	2		49
807	Benzo(G,H,I)perylene	41.90	6		42
808	Benzo(K)fluoranthene	40.21	2		40
809	Bis(2-chloroethoxy)methane	44.09	3		44
810	Bis(2-chloroethyl)ether	38.49	5		38
811	Bis(2chloroisopropyl)ether	29.39	3		29
812	Bis(2-ethylhexyl)phthalate	93.73	10		94
813	4-Bromophenylphenylether	91.15	9		91
814	Butylbenzylphthalate	49.80	3		50
815	2-Chloronaphthalene	43.64	1		44
816	4-Chlorophenylphenylether	46.76	2		47
817	Chrysene	49.48	2		49
818	Dibenzo(A,H)anthracene	41.41	6		41
819	1,2-Dichlorobenzene	37.42	10		37
820	1,3-Dichlorobenzene	36.28	10		36
821	1,4-Dichlorobenzene	38.13	2		38
822	3,3-Dichlorobenzidine	34.79*	100		35*
823	Diethylphthalate	48.92	2		49
824	Dimethylphthalate	45.86	3		46
825	Di-n-butylphthalate	52.12	4		52
826	2,4-Dinitrotoluene	42.49	3		42
827	2,6-Dinitrotoluene	43.03	5		43
828	Di-n-octylphthalate	91.16	9		91
829	1,2-Diphenylhydrazine	48.90	1		49
830	Fluoranthene	43.91	2		44
831	Fluorene	43.12	2		43
832	Hexachlorobenzene	47.32	1		47
833	Hexachlorobutadiene	43.39	10		43
834	Hexchlor1,3cyclopentadiene	16.21*	100		16*
835	Hexachloroethane	39.11	12		39
836	Indeno(1,2,3-CD)pyrene	48.39	6		48

837 Isophorone		31.92	3		32
838 Naphthalene		43.13	2		43
839 Nitrobenzene		45.28	2		45
840 N-Nitrosodimethylamine		ND	30	<	30
841 N-Nitroso-di-n-propylamine		44.10	2		44
842 Phenanthrene		44.54	1		45
843 Pyrene		46.89	2		47
844 1,2,3,4-TCDD (2,3,7,8)		ND	3	<	3
845 2-Chlorophenol		35.22	8		35
846 1,2,4-Trichlorobenzene		45.68	3		46
847 2,4-Dichlorophenol		48.85	3		49
848 2,4-Dimethylphenol		41.42	3		41
849 2,4-Dinitrophenol		ND	39	<	39
850 2-Methyl-4,6-dinitrophenol		17.25	17		17
851 2-Nitrophenol		44.35	5		44
852 4-Nitrophenol		28.29	6		28
853 4-Chloro-3-methylphenol		45.06	2		45
854 Pentachlorophenol		45.88	16		46
855 Phenol		23.77	3		24
856 2,4,6-Trichlorophenol		43.76	2		44
857 N-Nitrosodiphenylamine		49.54	2		50

==========NOTE==========

DATA FILE: >W0328 SAMPLE NAME: SJ 01R045 WBLCHECK
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0327 SAMPLE NAME: SJ 01B045 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	16.92	100.00	17	42-120	*
S02 Phenol-d5	31.39	100.00	31	37-115	*
S03 Nitrobenzene-d5	28.77	50.00	58	71-107	*
S04 Decafluorobiphen	24.49	50.00	49	------	UK
S05 2-Fluorobiphenyl	29.36	50.00	59	88-130	*
S06 2,4,6-Tribromoph	57.28	100.00	57	86-134	*
S07 p-Terphenyl-d14	23.99	50.00	48	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0328 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4262	1845	3689	7378	OK
S21 Naphthalene-d8	23626	11497	22993	45986	OK
S22 Acenaphthene-d10	20006	9392	18783	37566	OK
S23 Phenanthrene-d10	47183	22244	44487	88974	OK
S24 Chrysene-d12	56679	28944	57887	115774	OK
S25 Perylene-d12	69461	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.39	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.73	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.36	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.91	24.41	24.91	25.41	OK
S25 Perylene-d12	28.30	27.81	28.31	28.81	OK

The output from LU 6 has been sucessfully spooled into the file called OW0328 .

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ67599	12/20/93	01/03/94	01/11/94
SJ67600	12/20/93	01/03/94	01/11/94
SJ67602	12/21/93	01/04/94	01/11/94
SJ67603	12/21/93	01/04/94	01/11/94
SJ67680	12/27/93	01/04/94	01/11/94
SJ67681	12/27/93	01/04/94	01/11/94
SJ67682	12/27/93	01/04/94	01/11/94
SJ67683	12/27/93	01/04/94	01/11/94
SJ67703	12/29/93	01/04/94	01/11/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0325 QUANT DATE: 9401111411 INJ TIME: 9401111336
SAMPLE NAME: SJ 67599 LPULFAHCP
MISC: 1000G940103 930120 IS#14 SUR#A BTL# 1
LASTEDIT FILE TIME: 2:16 PM TUE., 11 JAN., 1994
ANALYZED BY: VERIFIED BY: Rudi Schreuder

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	14.32	4		14
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	9	<	9
828	Di-n-octylphthalate	ND	9	<	9
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0325 SAMPLE NAME: SJ 67599 LPVLFAHCP
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0317 SAMPLE NAME: SJ 01B03S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	34.30	100.00	34	42-120	*
S02 Phenol-d5	45.95	100.00	46	37-115	OK
S03 Nitrobenzene-d5	21.56	50.00	43	71-107	*
S04 Decafluorobiphen	25.71	50.00	51	------	OK
S05 2-Fluorobiphenyl	32.39	50.00	65	88-130	*
S06 2,4,6-Tribromoph	96.85	100.00	97	86-134	*
S07 p-Terphenyl-d14	21.92	50.00	44	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0325 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	3800	1845	3689	7378	OK
S21 Naphthalene-d8	22046	11497	22993	45986	OK
S22 Acenaphthene-d10	17334	9392	18783	37566	OK
S23 Phenanthrene-d10	41432	22244	44487	88974	OK
S24 Chrysene-d12	52407	28944	57887	115774	OK
S29 Perylene-d12	63130	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.19	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.39	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.39	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.88	24.41	24.91	25.41	OK
S29 Perylene-d12	28.27	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0326 QUANT DATE: 9401111456 INJ TIME: 9401111420
SAMPLE NAME: SJ 67600 LPVLFAHCP
MISC: 1000G940103 930120 IS#14 SUR#A BTL# 2
LASTEDIT FILE TIME: 3:00 PM / TUE., 18 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	6.33	2		6
801	Acenaphthylene	2.02	2		2
802	Anthracene	4.42	1		4
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	2.85	2		3
805	Benzo(A)pyrene	3.02*	2		3*
806	Benzo(B)fluoranthene	3.79	2		4
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	.91*	2		1*
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	.92*FP	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	4.17	2		4
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	1.28*FP	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	.99*	4		1*
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	.78*FP	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	8.96	2		9
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND		3	<	3
838 Naphthalene	ND		2	<	2
839 Nitrobenzene	ND		2	<	2
840 N-Nitrosodimethylamine	ND		30	<	30
841 N-Nitroso-di-n-propylamine	ND		2	<	2
842 Phenanthrene	ND		1	<	1
843 Pyrene	13.79		2		14
844 1,2,3,4-TCDD (2,3,7,8)	ND		3	<	3
845 2-Chlorophenol	ND		8	<	8
846 1,2,4-Trichlorobenzene	ND		3	<	3
847 2,4-Dichlorophenol	ND		3	<	3
848 2,4-Dimethylphenol	ND		3	<	3
849 2,4-Dinitrophenol	ND		39	<	39
850 2-Methyl-4,6-dinitrophenol	ND		17	<	17
851 2-Nitrophenol	ND		5	<	5
852 4-Nitrophenol	ND		6	<	6
853 4-Chloro-3-methylphenol	ND		2	<	2
854 Pentachlorophenol	ND		16	<	16
855 Phenol	ND		3	<	3
856 2,4,6-Trichlorophenol	ND		2	<	2
857 N-Nitrosodiphenylamine	1.94*FP		2	<	2

==========NOTE==========

DATA FILE: >W0326 SAMPLE NAME: SJ 67600 LPULFAHCP
EXTRACTION DATE: 01-03-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0317 SAMPLE NAME: SJ 018035 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	29.47	100.00	29	42-120	*
S02 Phenol-d5	47.62	100.00	48	37-119	OK
S03 Nitrobenzene-d5	26.44	50.00	53	71-107	*
S04 Decafluorobiphen	22.88	50.00	46	------	OK
S05 2-Fluorobiphenyl	34.39	50.00	69	88-130	*
S06 2,4,6-Tribromoph	60.17	100.00	60	86-134	*
S07 p-Terphenyl-d14	24.48	50.00	49	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^W0326 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4080	1845	3689	7378	OK
S21 Naphthalene-d8	24340	11497	22993	45986	OK
S22 Acenaphthene-d10	18918	9392	18783	37566	OK
S23 Phenanthrene-d10	41627	22244	44487	88974	OK
S24 Chrysene-d12	45365	28944	57887	115774	OK
S25 Perylene-d12	39193	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.20	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.40	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.74	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.38	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.96	24.41	24.91	25.41	OK
S25 Perylene-d12	28.37	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0329 QUANT DATE: 9401111711 INJ TIME: 9401111636
SAMPLE NAME: SJ 67602 LPULFAHCP
MISC: 1000G940104 931221 IS#14 SUR#A BTL# 5
LASTEDIT FILE TIME: 5:16 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	5	<	5	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >W0329 SAMPLE NAME: SJ 67602 LPULFAHCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0327 SAMPLE NAME: SJ 01B04S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	15.24	100.00	15	42-120	*
S02 Phenol-d5	33.57	100.00	34	37-115	*
S03 Nitrobenzene-d5	24.06	50.00	48	71-107	*
S04 Decafluorobiphen	29.33	50.00	59	------	OK
S05 2-Fluorobiphenyl	34.33	50.00	69	88-130	*
S06 2,4,6-Tribromoph	57.57	100.00	58	86-134	*
S07 p-Terphenyl-d14	23.45	50.00	47	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0329 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4038	1845	3689	7378	OK
S21 Naphthalene-d8	23557	11497	22993	45986	OK
S22 Acenaphthene-d10	18918	9392	18783	37566	OK
S23 Phenanthrene-d10	46667	22244	44487	88974	OK
S24 Chrysene-d12	58474	28944	57887	115774	OK
S25 Perylene-d12	70031	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.36	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.89	24.41	24.91	25.41	OK
S25 Perylene-d12	28.28	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0330 QUANT DATE: 9401111756 INJ TIME: 9401111721
SAMPLE NAME: SJ 67603 LPVLFAHCP
MISC: 1000G940104 931221 IS#14 SUR#A BTL# 6
LASTEDIT FILE TIME: 6:00 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY: Rudi Schneider

TEST COMPOUND CODE #	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800 Acenaphthene	ND	2	<	2
801 Acenaphthylene	ND	2	<	2
802 Anthracene	ND	1	<	1
803 Benzidine	ND	62	<	62
804 Benzo(A)anthracene	ND	2	<	2
805 Benzo(A)pyrene	ND	2	<	2
806 Benzo(B)fluoranthene	ND	2	<	2
807 Benzo(G,H,I)perylene	ND	6	<	6
808 Benzo(K)fluoranthene	ND	2	<	2
809 Bis(2-chloroethoxy)methane	ND	3	<	3
810 Bis(2-chloroethyl)ether	ND	5	<	5
811 Bis(2chloroisopropyl)ether	ND	3	<	3
812 Bis(2-ethylhexyl)phthalate	ND	10	<	10
813 4-Bromophenylphenylether	ND	9	<	9
814 Butylbenzylphthalate	ND	3	<	3
815 2-Chloronaphthalene	ND	1	<	1
816 4-Chlorophenylphenylether	ND	2	<	2
817 Chrysene	ND	2	<	2
818 Dibenzo(A,H)anthracene	ND	6	<	6
819 1,2-Dichlorobenzene	ND	10	<	10
820 1,3-Dichlorobenzene	ND	10	<	10
821 1,4-Dichlorobenzene	ND	2	<	2
822 3,3-Dichlorobenzidine	ND	100	<	100
823 Diethylphthalate	ND	2	<	2
824 Dimethylphthalate	ND	3	<	3
825 Di-n-butylphthalate	ND	4	<	4
826 2,4-Dinitrotoluene	ND	3	<	3
827 2,6-Dinitrotoluene	ND	5	<	5
828 Di-n-octylphthalate	ND	5	<	5
829 1,2-Diphenylhydrazine	ND	1	<	1
830 Fluoranthene	ND	2	<	2
831 Fluorene	ND	2	<	2
832 Hexachlorobenzene	ND	1	<	1
833 Hexachlorobutadiene	ND	10	<	10
834 Hexchlor1,3cyclopentadiene	ND	100	<	100
835 Hexachloroethane	ND	12	<	12
836 Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0330 SAMPLE NAME: SJ 67603 LPULFAHCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0327 SAMPLE NAME: SJ 018045 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	16.62	100.00	17	42-120	*
S02 Phenol-d5	33.43	100.00	33	37-115	*
S03 Nitrobenzene-d5	22.83	50.00	46	71-107	*
S04 Decafluorobiphen	26.02	50.00	52	------	UK
S05 2-Fluorobiphenyl	31.25	50.00	62	68-130	*
S06 2,4,6-Tribromoph	64.76	100.00	65	86-134	*
S07 p-Terphenyl-d14	23.61	50.00	47	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0330 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4126	1845	3689	7378	OK
S21 Naphthalene-d8	24676	11497	22993	45986	OK
S22 Acenaphthene-d10	20144	9392	18783	37566	OK
S23 Phenanthrene-d10	45950	22244	44487	88974	OK
S24 Chrysene-d12	63153	28944	57887	115774	OK
S25 Perylene-d12	70796	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.39	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.74	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.36	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.90	24.41	24.91	25.41	OK
S25 Perylene-d12	28.29	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0332 QUANT DATE: 9401111924 INJ TIME: 9401111850
SAMPLE NAME: SJ 67680 LPULFAHCPS
MISC: 1000G940104 931227 IS#1/4 SUR#A BTL# 8
LASTEDIT FILE TIME: 7:28 PM TUE., 11 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.94	2		43
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	40.09	2		40
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	28.38	3		28
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

337 Isophorone	ND	3	<	3
338 Naphthalene	ND	2	<	2
339 Nitrobenzene	ND	2	<	2
340 N-Nitrosodimethylamine	ND	30	<	30
341 N-Nitroso-di-n-propylamine	39.78	2		40
342 Phenanthrene	ND	1	<	1
343 Pyrene	43.34	2		43
344 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
345 2-Chlorophenol	36.71	8		37
346 1,2,4-Trichlorobenzene	44.20	3		44
347 2,4-Dichlorophenol	ND	3	<	3
348 2,4-Dimethylphenol	ND	3	<	3
349 2,4-Dinitrophenol	ND	39	<	39
350 2-Methyl-4,6-dinitrophenol	ND	17	<	17
351 2-Nitrophenol	ND	5	<	5
352 4-Nitrophenol	ND	6	<	6
353 4-Chloro-3-methylphenol	40.02	2		40
354 Pentachlorophenol	9.78*	16		10*
355 Phenol	22.92	3		23
356 2,4,6-Trichlorophenol	ND	2	<	2
357 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0332 SAMPLE NAME: SJ 67680 LPVLFAHCPS
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0331 SAMPLE NAME: SJ 67680 LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	15.70	100.00	16	42-120	*
S02 Phenol-d5	29.86	100.00	30	37-119	*
S03 Nitrobenzene-d5	20.19	50.00	40	71-107	*
S04 Decafluorobiphen	23.99	50.00	48	------	OK
S05 2-Fluorobiphenyl	29.23	50.00	58	88-130	*
S06 2,4,6-Tribromoph	56.69	100.00	57	86-134	*
S07 p-Terphenyl-d14	21.80	50.00	44	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0332 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4225	1845	3689	7378	OK
S21 Naphthalene-d8	25386	11497	22993	45986	OK
S22 Acenaphthene-d10	20309	9392	18783	37566	OK
S23 Phenanthrene-d10	47808	22244	44487	88974	OK
S24 Chrysene-d12	62679	28944	57887	115774	OK
S25 Perylene-d12	71853	35040	70080	140160	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.21	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.34	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.89	24.41	24.91	25.41	OK
S25 Perylene-d12	28.28	27.81	28.31	28.81	OK

The output from LU 6 has been sucessfully spooled into the file called OW0332 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0333 QUANT DATE: 9401190918 INJ TIME: 9401111934
SAMPLE NAME: SJ 67680 LPVLFAHCPD
MISC: 1000G940104 931227 IS$14 SUR$A BTL# 9
LASTEDIT FILE TIME: 9:23 AM WED., 19 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST COMPOUND CODE #		AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	45.85	2		46
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	42.09	2		42
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	29.75	3		30
827	2,6-Dinitrotoluene	ND	9	<	9
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	42.50	2		43
842	Phenanthrene	ND	1	<	1
843	Pyrene	49.13	2		49
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	41.81	8		42
846	1,2,4-Trichlorobenzene	47.78	3		48
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	9	<	9
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	44.68	2		45
854	Pentachlorophenol	14.35*	16		14*
855	Phenol	29.72	3		30
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0333 SAMPLE NAME: SJ 6768U LPVLFAHCPD
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0331 SAMPLE NAME: SJ 6768U LPVLFAHCPN

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	20.21	100.00	20	42-120	*
S02 Phenol-d5	35.81	100.00	36	37-115	*
S03 Nitrobenzene-d5	22.24	50.00	44	71-107	*
S04 Decafluorobiphen	23.85	50.00	48	------	UK
S05 2-Fluorobiphenyl	30.48	50.00	61	88-130	*
S06 2,4,6-Tribromoph	61.90	100.00	62	86-134	*
S07 p-Terphenyl-d14	24.05	50.00	48	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0333 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4558	1845	3689	7378	OK
S21 Naphthalene-d8	27076	11497	22993	45986	OK
S22 Acenaphthene-d10	21699	9392	18783	37566	OK
S23 Phenanthrene-d10	49371	22244	44487	88974	OK
S24 Chrysene-d12	64482	28944	57887	115774	OK
S29 Perylene-d12	74820	35040	70080	140160	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.20	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.39	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.39	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.88	24.41	24.91	29.41	OK
S29 Perylene-d12	28.27	27.81	28.31	28.81	OK

The output from LU 6 has been sucessfully spooled into the file called UW0333 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0334 QUANT DATE: 9401112053 INJ TIME: 9401112018
SAMPLE NAME: SJ 67681 LPVLFAHCP
MISC: 1000G940104 931227 IS#14 SUR#A BTL#10
LASTEDIT FILE TIME: 8:57 PM TUE, 11 JAN., 1994

ANALYZED BY: _____ VERIFIED BY: _____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	2	<	2
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	4	<	4
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >WB334 SAMPLE NAME: SJ 67681 LPVLFNHCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >WB327 SAMPLE NAME: SJ 018045 BBLANK

FOOTNOTE #48 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	17.19	100.00	17	42-120	*
S02 Phenol-d5	30.82	100.00	31	37-119	*
S03 Nitrobenzene-d5	21.28	50.00	43	71-107	*
S04 Decafluorobiphen	23.66	50.00	47	------	OK
S09 2-Fluorobiphenyl	32.37	50.00	65	88-130	*
S06 2,4,6-Tribromoph	60.43	100.00	60	86-134	*
S07 p-Terphenyl-d14	23.12	50.00	46	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^WB334 ^WB324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
520 1,4-Dichlorobenzen	4419	1845	3689	7378	OK
521 Naphthalene-d8	26931	11497	22993	45986	OK
522 Acenaphthene-d10	20140	9392	18783	37566	OK
523 Phenanthrene-d10	47689	22244	44487	88974	OK
524 Chrysene-d12	63169	28944	57887	115774	OK
529 Perylene-d12	74288	35040	70080	140160	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
520 1,4-Dichlorobenzen	7.19	6.71	7.21	7.71	OK
521 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
522 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
523 Phenanthrene-d10	18.34	17.86	18.36	18.86	OK
524 Chrysene-d12	24.89	24.41	24.91	25.41	OK
529 Perylene-d12	28.28	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0335 QUANT DATE: 9401112136 INJ TIME: 9401112101
SAMPLE NAME: SJ 67682 LPVLFAHCP
MISC: 1000G940104 931227 IS#14 SUR#A BTL#11
LASTEDIT FILE TIME: 9:39 PM TUE., 11 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0335 SAMPLE NAME: SJ 67682 LPVLFAHCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0327 SAMPLE NAME: SJ 01804S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	19.35	100.00	19	42-120	*
S02 Phenol-d5	32.61	100.00	33	37-115	*
S03 Nitrobenzene-d5	20.47	50.00	41	71-107	*
S04 Decafluorobiphen	27.05	50.00	54	------	OK
S05 2-Fluorobiphenyl	32.49	50.00	65	88-130	*
S06 2,4,6-Tribromoph	59.85	100.00	60	86-134	*
S07 p-Terphenyl-d14	20.93	50.00	42	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0335 ^W0324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4582	1845	3689	7378	OK
S21 Naphthalene-d8	27008	11497	22993	45986	OK
S22 Acenaphthene-d10	21299	9392	18783	37566	OK
S23 Phenanthrene-d10	50602	22244	44487	88974	OK
S24 Chrysene-d12	69296	28944	57887	115774	OK
S25 Perylene-d12	77583	35040	70080	140160	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.19	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.71	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.34	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.88	24.41	24.91	25.41	OK
S25 Perylene-d12	28.28	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0336 QUANT DATE: 9401112220 INJ TIME: 9401112145
SAMPLE NAME: SJ 67683 LPVLFAHUP
MISC: 1000G940104 931227 IS$14 SUR$A BIL$12
LASTEDIT FILE TIME: 10:22 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)Fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)Fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxyl)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexachlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3	
838 Naphthalene	ND	2	<	2	
839 Nitrobenzene	ND	2	<	2	
840 N-Nitrosodimethylamine	ND	30	<	30	
841 N-Nitroso-di-n-propylamine	ND	2	<	2	
842 Phenanthrene	ND	1	<	1	
843 Pyrene	ND	2	<	2	
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3	
845 2-Chlorophenol	ND	8	<	8	
846 1,2,4-Trichlorobenzene	ND	3	<	3	
847 2,4-Dichlorophenol	ND	3	<	3	
848 2,4-Dimethylphenol	ND	3	<	3	
849 2,4-Dinitrophenol	ND	39	<	39	
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17	
851 2-Nitrophenol	ND	9	<	9	
852 4-Nitrophenol	ND	6	<	6	
853 4-Chloro-3-methylphenol	ND	2	<	2	
854 Pentachlorophenol	ND	16	<	16	
855 Phenol	ND	3	<	3	
856 2,4,6-Trichlorophenol	ND	2	<	2	
857 N-Nitrosodiphenylamine	ND	2	<	2	

==========NOTE==========

DATA FILE: >WU336 SAMPLE NAME: SJ 6/683 LPVLFAHCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >WU327 SAMPLE NAME: SJ 01B045 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	44-120	*
S02 Phenol-d5	27.23	100.00	27	32-115	*
S03 Nitrobenzene-d5	17.78	50.00	36	71-107	*
S04 Decafluorobiphen	24.85	50.00	50	------	UK
S05 2-Fluorobiphenyl	29.29	50.00	58	88-130	*
S06 2,4,6-Tribromoph	99.06	100.00	99	86-134	*
S07 p-Terphenyl-d14	21.93	50.00	44	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^WU336 ^WU324

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4539	1845	3689	7378	OK
S21 Naphthalene-d8	26379	11497	22993	45986	OK
S22 Acenaphthene-d10	21105	9392	18783	37566	OK
S23 Phenanthrene-d10	51039	22244	44487	88974	OK
S24 Chrysene-d12	66426	28944	57887	115774	OK
S25 Perylene-d12	78879	35040	70080	140160	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.20	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.37	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.71	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.39	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.88	24.41	24.91	25.41	OK
S25 Perylene-d12	28.26	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0337 QUANT DATE: 9401112303 INJ TIME: 9401112228
SAMPLE NAME: SJ 67703 LPVLFAHCP
MISC: 1000G940104 931229 IS$14/SUR$A BTL$13
LASTEDIT FILE TIME: 11:06 PM TUE., 11 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	2	<	2
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0337 SAMPLE NAME: SJ 67703 LPULPARCP
EXTRACTION DATE: 01-04-94 INJECTION DATE: 01-11-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0322 SAMPLE NAME: SJ 018043 BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	24.47	100.00	24	42-120	*
S02 Phenol-d9	37.59	100.00	38	37-119	UK
S03 Nitrobenzene-d5	22.31	50.00	45	71-107	*
S04 Decafluorobiphen	28.37	50.00	57	------	UK
S05 2-Fluorobiphenyl	31.32	50.00	63	88-130	*
S06 2,4,6-Tribromoph	66.94	100.00	67	86-134	*
S07 p-Terphenyl-d14	22.72	50.00	45	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0337 ^W0324

SAMPLE ^--------STANDARD----------^

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4466	1845	3689	7378	OK
S21 Naphthalene-d8	27408	11497	22993	45986	OK
S22 Acenaphthene-d10	21860	9392	18783	37566	OK
S23 Phenanthrene-d10	50727	22244	44487	88974	OK
S24 Chrysene-d12	68045	28944	57887	115774	OK
S29 Perylene-d12	79439	35040	70080	140160	OK

	SAMPLE	I--------STANDARD---------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.19	6.71	7.21	7.71	OK
S21 Naphthalene-d8	10.38	9.90	10.40	10.90	OK
S22 Acenaphthene-d10	14.72	14.24	14.74	15.24	OK
S23 Phenanthrene-d10	18.34	17.86	18.36	18.86	OK
S24 Chrysene-d12	24.87	24.41	24.91	25.41	OK
S29 Perylene-d12	28.27	27.81	28.31	28.81	OK

NOTES TO THE USERS: BNA TO BE RESET

QA/QC RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ70145	12/30/93	01/07/94	01/13/94
SJ70146	12/30/93	01/07/94	01/13/94
SJ70147	12/30/93	01/07/94	01/13/94
SJ70148	12/30/93	01/07/94	01/13/94
SJ70150	01/03/94	01/07/94	01/13/94
SJ70151	01/03/94	01/07/94	01/13/94
SJ70152	01/03/94	01/07/94	01/13/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DFTPP TUNE AND THE HEADING
OF EACH FILE IN THE CORRESPONDING BATCH

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	51.18	51.18	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	62.01	62.01	Ok
70	Less than 2% of mass 69	.60	.97	Ok
127	40-60% of mass 198	41.99	41.99	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.03	6.03	Ok
275	10-30% of mass 198	21.92	21.92	Ok
365	Greater than 1% of mass 198	2.36	2.36	Ok
441	0-100% of mass 443	12.59	65.69	Ok
442	Greater than 40% of mass 198	93.27	93.27	Ok
443	17-23% of mass 442	19.16	20.54	Ok

Injection Date: 01/06/94
Injection Time: 07:34
Data File: >U5010
Scan: 385

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES

FILE NAME	SAMPLE NAME	TIME ANALYZED
>U5011	DCS-96	01-06-94 08:41
>U5012	DCS-1	01-06-94 07:53
>U5013	SJ 64836 CWIW05214	01-06-94 10:56
>U5014	SJ 65017 CWIW11281	01-06-94 11:43
>U5015	SJ 12B08L BBLANK	01-06-94 12:31
>U5016	SJ 12Q08P QQCCHECK	01-06-94 13:19
>U5017	SJ 66698 WIW11305	01-06-94 14:06
>U5018	SJ 66714 WIW02946	01-06-94 14:55
>U5019	SJ 66730 WIW13123	01-06-94 15:43
>U5020	SJ 66890 WIW00284	01-06-94 16:30
>U5021	SJ 12B14L BBLANK	01-06-94 17:19
>U5022	SJ 12Q14P QQCCHECK	01-06-94 18:08
>U5023	SJ 66950 WIW12586	01-06-94 18:56
>U5024	SJ 66951 WIW00800	01-06-94 19:44
>U5025	SJ 67020 WIW13220	01-06-94 20:32

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE RECOVERIES OF HP GC/MS BNA SAMPLES IN A BATCH

DAILY CHECK STANDARD

DATA FILE: >U5011
SAMPLE NAME: DCS-96
INJ TIME: 01-06-94 08:41

HPFILE	SAMPLE NAME	S01	S02	S03	S04	S05	S06	S07	IO	EX.TIM
>U5012	DCS-1	0*	0*	0*	0	0*	0*	0*	6	931216
>U5013	SJ 64836 CWIW05214	66	79	72	77	140*	112	101	1	931027
>U5014	SJ 65017 CWIW11281	22*	27	70	78	150*	67	111	2	931101
>U5015	SJ 12B08L BBLANK	85	94	115	75	93	111	126	OK	931208
>U5016	SJ 12Q08P QQCCHECK	97	107	112	72	119	115	115	OK	931208
>U5017	SJ 66698 WIW11305	85	85	105	68	96	109	81	OK	931208
>U5018	SJ 66714 WIW02946	94	88	99	66	94	102	89	OK	931208
>U5019	SJ 66730 WIW13123	100	83	86	60	87	98	73	OK	931208
>U5020	SJ 66890 WIW00284	75	87	82	51	83	91	125	OK	931208
>U5021	SJ 12B14L BBLANK	71	82	88	55	77	97	110	OK	931214
>U5022	SJ 12Q14P QQCCHECK	97	98	109	76	96	100	113	OK	931214
>U5023	SJ 66950 WIW12586	28*	85	85	30	56	59	59	1	931214
>U5024	SJ 66951 WIW00800	71	76	86	53	75	91	65	OK	931214
>U5025	SJ 67020 WIW13220	62	73	73	50	69	98	109	OK	931214

SURROGATE	LIMIT OF RECOVERY (WATER)	LIMIT OF RECOVERY (IW)	LIMIT OF RECOVERY (SOIL/SEDIMENT)
S01 2-Fluorophenol	27-119	37-121	42-120
S02 Phenol-d6	23-111	20-128	37-115
S03 Nitrobenzene-d5	62-122	55-127	71-107
S04 Decafluorobiphenyl	------	------	------
S05 2-Fluorobiphenyl	56-124	54-132	88-130
S06 2,4,6-Tribromophenol	40-150	35-161	86-134
S07 p-Terphenyl-d14	37-133	40-154	49-121

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U5011
SAMPLE NAME: DCS-96
INJ TIME: 01-06-94 08:41

	S20		S21		S22	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	38923	7.55	175625	10.71	108889	15.05
UPPER LIMIT	77846	8.05	351250	11.21	217778	15.55
LOWER LIMIT	19462	7.05	87813	10.21	54445	14.55

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

DCS-1	36551	7.53	154232	10.69	95871	15.04
SJ 64836 CWI	35962	7.51	165462	10.69	102288	15.03
SJ 65017 CWI	31036	7.53	128184	10.69	78999	15.05
SJ 12B08L B	34132	7.53	143809	10.69	94030	15.05
SJ 12Q08P Q	32291	7.52	147012	10.70	82483	15.04
SJ 66698 WI	25927	7.53	108483	10.69	67038	15.05
SJ 66714 WI	33089	7.52	139141	10.68	83121	15.04
SJ 66730 WI	23920	7.53	111674	10.69	68020	15.03
SJ 66890 WI	32542	7.53	139576	10.69	84006	15.05
SJ 12B14L B	36293	7.54	148868	10.70	95886	15.04
SJ 12Q14P Q	30181	7.53	125657	10.69	80808	15.05
SJ 66950 WI	38153	7.56	169121	10.71	95121	15.07
SJ 66951 WI	36203	7.54	150673	10.70	95031	15.06
SJ 67020 WI	36117	7.53	150009	10.69	94936	15.06

S20 = 1,4-Dichlorobenzene-d4
S21 = Naphthalene-d8
S22 = Acenaphthene-d10

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U5011
SAMPLE NAME: DCS-96
INJ TIME: 01-06-94 08:41

	S23		S24		S25	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	220025	18.67	200444	25.21	232912	28.72
UPPER LIMIT	440050	19.17	400888	25.71	465824	29.22
LOWER LIMIT	110013	18.17	100222	24.71	116456	28.22

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

DCS-1	194456	18.66	182198	25.17	195381	28.67
SJ 64836 CWI	195846	18.61	190561	25.16	225491	28.67
SJ 65017 CWI	151324	18.62	155304	25.16	171754	28.66
SJ 12B08L B	175015	18.62	185553	25.16	205233	28.66
SJ 12Q08P Q	171816	18.65	173183	25.18	193847	28.67
SJ 66698 WI	124889	18.61	126408	25.15	144183	28.67
SJ 66714 WI	162541	18.63	180538	25.20	200973	28.70
SJ 66730 WI	132624	18.61	138948	25.15	159681	28.66
SJ 66890 WI	162196	18.64	150304	25.17	152667	28.69
SJ 12B14L B	194012	18.62	208897	25.18	235628	28.69
SJ 12Q14P Q	163073	18.65	157507	25.18	176040	28.68
SJ 66950 WI	122115	18.71	97668**	25.33	101614**	28.87
SJ 66951 WI	178777	18.64	193905	25.20	206895	28.70
SJ 67020 WI	185568	18.64	192897	25.18	210546	28.70

S23 = Phenanthrene-d10
S24 = Chrysene-d12
S25 = Perylene-d12

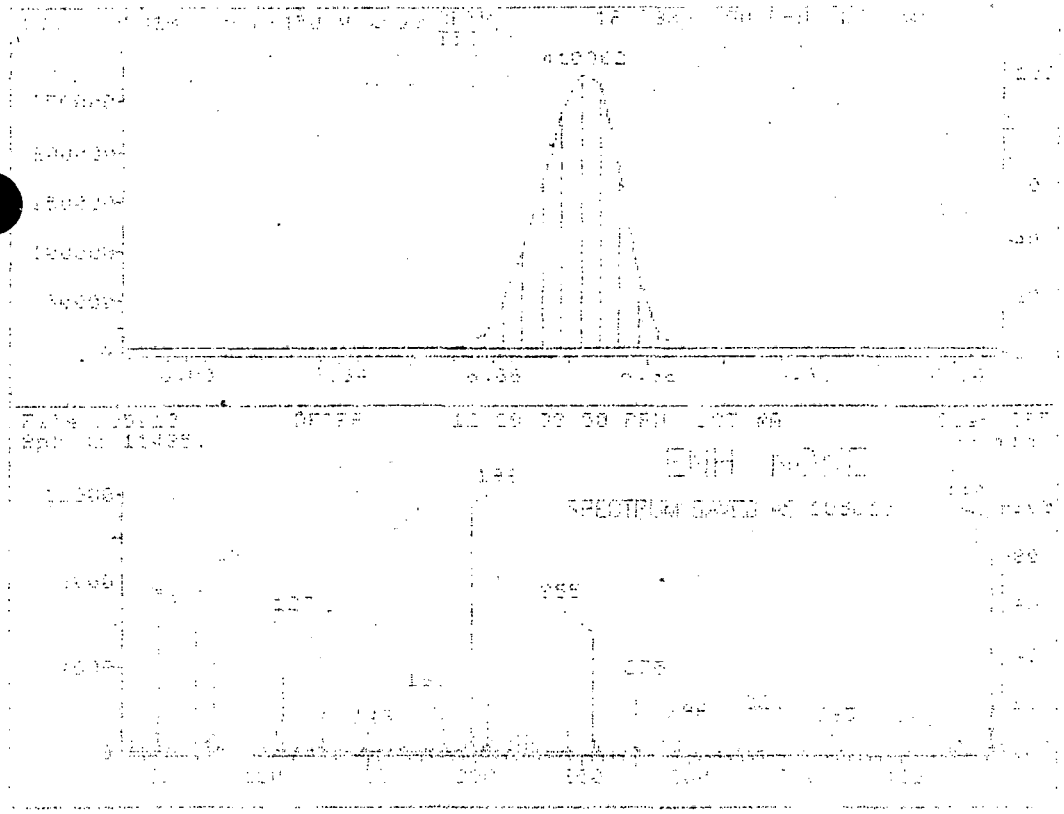
UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	Relative Abundance Base Peak	Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	31.16	31.18	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	62.01	62.01	Ok
70	Less than 2% of mass 69	.60	.97	Ok
127	40-60% of mass 198	41.99	41.99	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.03	6.03	Ok
275	10-30% of mass 198	21.92	21.92	Ok
365	Greater than 1% of mass 198	2.36	2.36	Ok
441	0-100% of mass 443	12.59	65.69	Ok
442	Greater than 40% of mass 198	93.27	93.27	Ok
443	17-23% of mass 442	19.16	20.54	Ok

Injection Date: 01/06/94
Injection Time: 07:54
Data File: DU501
Scan: 456


EMH NOISE

>U5010 DFTPP 12/28/93 50 PPM LOT #A
385 NRM

File: >U5010 Scan #: 385 Retn. Time: 6.4[illegible]

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.10	.271	91.05	1.225	147.05	1.208	199.90	.804	274.05	3,678
37.10	.289	91.85	.963	148.05	2.153	201.10	.36[illegible]	274.95	11,917
38.10	.779	92.95	5.007	148.95	.709	201.80	.464	276.05	3,001
39.10	5.961	93.95	.333	149.95	.140	203.00	.709	276.95	1.254
40.00	.832	94.95	.543	151.05	.464	204.00	2.731	277.95	.271
41.10	1.208	96.15	.306	151.75	.184	205.00	4.26[illegible]	282.95	.166
42.10	.368	96.85	.403	152.15	.158	206.00	19,965	285.05	. 50
43.10	1.393	97.05	.394	153.05	.700	207.10	2.626	292.05	.428
44.00	1.602	98.05	3.641	153.95	.534	208.00	.525	294.05	.10[illegible]
45.10	.945	99.05	3.256	155.00	.945	208.80	.140	295.95	4.641
46.30	.131	100.05	.411	156.00	1.558	210.50	.560	297.05	.573
49.00	.481	100.95	1.558	157.00	.700	210.80	.761	303.05	.569
50.00	13.653	102.25	.114	158.00	.534	214.90	.350	308.85	.193
51.10	51.177	102.95	.604	159.80	.683	216.10	.639	309.95	.184
52.10	2.608	103.95	1.392	161.00	1.007	216.90	4.814	314.05	.269
52.95	.236	104.95	1.068	162.00	.254	218.00	.796	315.05	.654
54.95	1.269	106.95	11.239	163.40	.096	221.00	7.125	321.05	.193
56.05	1.821	107.95	1.899	165.00	.779	223.00	1.234	323.05	1.629
57.05	3.982	108.85	30.617	165.90	.823	224.00	10.740	329.95	.524
58.05	.473	110.95	3.641	167.00	1.271	225. 0	2.696	324.85	.105
58.95	.263	111.95	.534	167.90	1.689	227.00	4.044	326.95	.594
59.25	.228	116.05	.945	168.90	.385	228.00	.613	327.95	.210
61.05	.980	116.95	8.306	170.10	.228	229.00	.674	331.85	.096
61.95	.481	117.95	.630	170.70	.201	230.00	.[illegible]4	332.65	.[illegible]2.
63.05	2.249	118.95	.219	171.90	.289	231.10	.429	333.25	.19
63.95	.368	119.65	.149	172.80	.420	234.00	.271	334.05	1.068
64.95	1.304	119.95	.193	174.00	.718	235.10	.550	344.95	.193
65.95	.210	121.05	.219	175.00	1.287	236.10	.201	345.85	.193
66.75	.376	121.85	.814	176.10	.499	237.10	.368	352.05	.57[illegible]
67.05	.376	122.95	1.663	177.00	.945	238.90	.193	353.05	.553
68.95	62.013	124.05	.674	179.00	2.810	240.10	.166	354.05	.[illegible]4
70.05	.604	124.95	.709	180.00	2.074	240.80	.131	364.90	2.36[illegible]
70.95	.271	126.95	41.987	181.00	1.042	243.10	.591	365.90	.324
72.05	.131	128.05	3.606	181.90	.210	243.00	.543	370.95	.228
73.15	.735	129.05	17.768	182.90	.131	244.10	9.295	372.00	1.278
73.95	4.604	129.95	1.786	183.90	.289	245.00	1.252	373.00	.306
74.95	6.731	130.95	.508	185.00	1.523	245.90	1.400	383.10	.245
77.05	44.123	131.95	.201	186.00	10.932	247.00	.359	392.10	.105
78.05	3.081	133.05	.359	187.00	3.396	247.50	.131	402.00	.402
78.95	4.245	134.05	.630	187.90	.333	248.90	.341	403.00	.7[illegible]
80.05	2.118	135.05	1.873	189.00	.709	255.00	46.538	421.00	.534
80.95	3.379	136.15	.551	191.00	.429	256.10	6.031	422.00	.[illegible]46
82.05	1.059	137.05	1.033	191.90	.761	256.95	.534	423.10	4.915
82.95	1.068	140.05	.315	192.10	.998	257.95	2.311	424.10	1. 17
83.95	.333	141.05	2.127	193.80	.376	259.05	.578	435.00	.16[illegible]
84.95	.656	141.95	.753	194.80	.201	264.95	.840	441.10	12.[illegible]36
86.05	1.164	142.85	.516	196.00	3.221	265.95	.236	442.10	93.26[illegible]
87.05	.630	145.05	.210	198.00	100.000	270.95	.184	443.10	19.160
87.75	.315	146.05	.341	199.00	6.031	272.95	1.392	444.10	1.987
88.95	.219								

GC/MS PERFORMANCE STANDARD

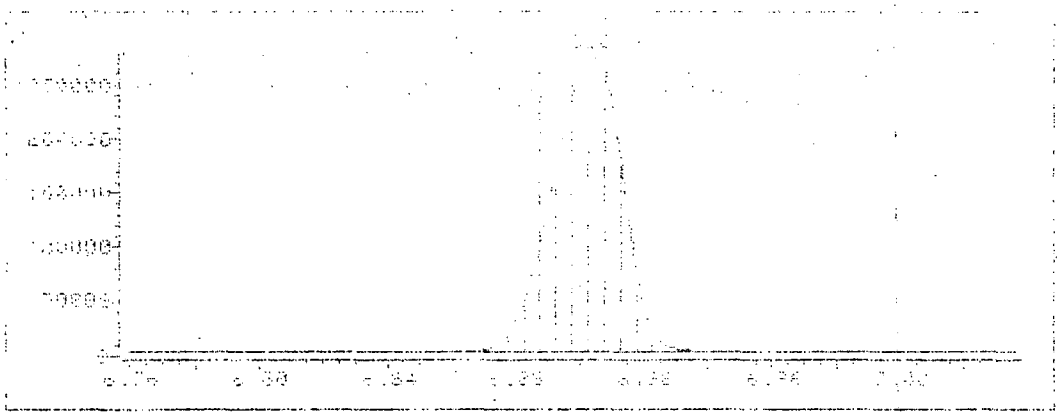
Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-60% of mass 198	65.7*	65.79	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	70.63	70.63	Ok
70	Less than 2% of mass 69	.36	.51	Ok
127	40-60% of mass 198	47.14	47.14	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.75	6.75	Ok
275	10-30% of mass 198	23.27	23.27	Ok
365	Greater than 1% of mass 198	2.43	2.43	Ok
441	0-100% of mass 443	11.68	75.36	Ok
442	Greater than 40% of mass 198	85.49	85.49	Ok
443	17-23% of mass 442	15.50	18.07	Ok

Injection Date: 01/06/94
Injection Time: 07:34
Data File: >U5010
Scan: 584

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****



SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TU5010	5970	12/28/93 15:44

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/C SAMPLES	INTEGRATION
1	50

REPELLER	(0 - 10.2 V)	-.8	ION FOCUS	(0 - 204 V)	74
ENT. LENS	(0 - 255 MV/AMU)	64	X-RAY	(0 - 204 V)	33
EL. MULT	(0 - 3000 V)	1984			
AMU GAIN	(0 - 255)	114	AMU OFFSET	(0 - 255)	53
AXIS GAIN	(0 - +/- 9.99)	-.33	AXIS OFFSET	(0 - +/- 999)	18

This tune file has been APPENDED to the tune report file
DU5010 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MU5010 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	10.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 8.00
Scan Start Time: 5.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 0 Operating Conditions

Number of samples washes: 3 Number of samples pumps: 5
Solvent A washes: 5 Solvent B washes: 3
Sample viscosity wait: 4 Injection mode is FAST

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1950
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file MU5010 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: >U5088 QUANT DATE: 9401210808 INJ TIME: 9401201648
SAMPLE NAME: DCS-71
MISC: 1000 931228 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 8:41 AM FRI., 21 JAN., 1994
ANALYZED BY: Rick Schneider VERIFIED BY:

DATA FILE:	^U5088	^U5075			
INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-DICHLOROBENZEN	50109	21121	42241	84482	OK
S21 NAPHTHALENE-d8	203362	97627	195254	390508	OK
S22 ACENAPHTHENE-d10	112486	58757	117514	235028	OK
S23 PHENANTHRENE-d10	206315	113108	226216	452432	OK
S24 CHRYSENE-d12	182747	113121	226242	452484	OK
S25 PERYLENE-d12	197685	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-DICHLOROBENZEN	9.75	6.99	7.49	7.99	**
S21 NAPHTHALENE-d8	12.93	10.17	10.67	11.17	**
S22 ACENAPHTHENE-d10	17.40	14.51	15.01	15.51	**
S23 PHENANTHRENE-d10	21.11	18.09	18.59	19.09	**
S24 CHRYSENE-d12	27.89	24.65	25.15	25.65	**
S25 PERYLENE-d12	33.45	28.16	28.66	29.16	**

Retention Time failure due to new, longer column only. (K)

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^U5088 CALIBRATION FILE: CLLIB2
VERIFICATION TIME: 8:42 AM FRI., 21 JAN., 1994

	COUMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
840	N-NITROSODIMETHYLAMINE	.86593	1.06831	23.37			
855	PHENOL	1.82203	1.83938	.95	*		
810	BIS(2-CHLOROETHYL)ETHER	1.43093	1.62323	13.44			
845	2-CHLOROPHENOL	1.14878	1.35530	17.98			
820	1,3-DICHLOROBENZENE	1.31105	1.62612	24.03			
821	1,4-DICHLOROBENZENE	1.26989	1.61807	27.42	*		
819	1,2-DICHLOROBENZENE	1.30623	1.61009	23.26			
811	BIS(2CHLOROISOPROPYL)ETHER	2.89569	3.23329	11.66			
835	HEXACHLOROETHANE	.56702	.69991	23.44			
841	N-NITROSO-DI-n-PROPYLAMINE	1.46861	1.37941	6.07		**	
839	NITROBENZENE	.42658	.52593	23.29			
837	ISOPHORONE	.96932	1.07229	10.62			
851	2-NITROPHENOL	.23234	.21685	6.67	*		
848	2,4-DIMETHYLPHENOL	.38341	.38467	.33			
809	BIS(2-CHLOROETHOXY)METHANE	.54177	.54532	.66			
847	2,4-DICHLOROPHENOL	.31807	.29620	6.88	*		
846	1,2,4-TRICHLOROBENZENE	.31607	.37240	17.82			
838	NAPHTHALENE	.98736	.92988	5.82			
833	HEXACHLOROBUTADIENE	.17122	.19417	13.40	*		
860	PHENYLACETIC ACID	.70508	.24726	64.93			
853	4-CHLORO-3-METHYLPHENOL	.39199	.36717	6.33	*		
689	2,3,5-TRICHLOROPHENOL	.40108	.23370	41.73			
834	HEXACHLOR13CYCLOPENTADIENE	.27555	.39381	42.92		**	
856	2,4,6-TRICHLOROPHENOL	.39056	.38515	1.38	*		
691	2,4,5-TRICHLOROPHENOL	.44935	.26162	41.78			
693	2,3,4-TRICHLOROPHENOL	.38331	.21280	44.48			
815	2-CHLORONAPHTHALENE	1.12860	1.42881	26.60			
690	2,3,6-TRICHLOROPHENOL	.41208	.23829	42.17			
801	ACENAPHTHYLENE	1.51532	1.47336	2.77			
824	DIMETHYL PHTHALATE	1.33105	1.38047	3.71			
827	2,6-DINITROTOLUENE	.39949	.46392	16.13			
800	ACENAPHTHENE	1.13997	1.08668	4.67	*		
849	2,4-DINITROPHENOL	.26690	.23058	13.61		**	
826	2,4-DINITROTOLUENE	.59964	.65405	9.07			
688	2,3,5,6-TETRACHLOROPHENOL	.41524	.20475	50.69			
852	4-NITROPHENOL	.45380	.37654	17.02		**	
687	2,3,4,5-TETRACHLOROPHENOL	.38170	.30212	20.85			
831	FLUORENE	1.29689	1.17746	9.21			
816	4-CHLOROPHENYLPHENYLETHER	.50954	.57446	12.74			
823	DIETHYL PHTHALATE	1.33010	1.43563	7.93			
850	2-METHYL-4,6-DINITROPHENOL	.39649	.29095	26.62			
857	N-NITROSODIPHENYLAMINE	.44900	.43929	2.16	*		
829	1,2-DIPHENYLHYDRAZINE	.95039	1.17594	23.73			
692	3,4,5-TRICHLOROPHENOL	.24377	.13373	45.14			

813	4-BROMOPHENYLPHENYLETHER	.20340	.20811	2.31	
832	HEXACHLOROBENZENE	.26047	.31727	21.81	
551	SIMAZINE	.15259	.11602	23.97	
854	PENTACHLOROPHENOL	.18768	.16035	14.56	*
850	ATRAZINE	.23198	.17264	25.58	
842	PHENANTHRENE	1.05156	.91886	12.62	
802	ANTHRACENE	1.09421	.94557	13.58	
825	DI-n-BUTYLPHTHALATE	1.57931	1.45427	7.92	
830	FLUORANTHENE	1.30825	1.06708	18.43	*
843	PYRENE	1.44338	1.22399	15.20	
803	BENZIDINE	.38862	.22434	42.27	
844	1,2,3,4-TCDD (2,3,7,8)	.21568	.18231	15.47	
814	BUTYLBENZYLPHTHALATE	.87211	.75953	12.91	
804	BENZ(a)ANTHRACENE	1.37526	1.06874	22.29	
817	CHRYSENE	1.34300	1.04258	22.37	
822	3,3-DICHLOROBENZIDINE	.37406	.29902	20.06	
812	BIS(2-ETHYLHEXYL)PHTHALATE	1.24639	1.07617	13.66	
828	DI-n-OCTYLPHTHALATE	1.84221	1.83960	.14	*
806	BENZO(b)FLUORANTHENE	1.11434	1.00150	10.13	
808	BENZO(k)FLUORANTHENE	1.01874	1.04338	2.42	
805	BENZO(a)PYRENE	1.04331	1.00150	4.01	*
836	INDENO(1,2,3-c,d)PYRENE	.93156	.83974	9.86	
818	DIBENZO(a,h)ANTHRACENE	.99033	.91499	7.61	
807	BENZO(g,h,i)PERYLENE	.98678	.90582	8.20	

```
PPPPP        A         SSSSS     SSSSS
P    P      A A       S     S   S     S
P    P     A   A      S         S
PPPPP     AAAAAAA      SSSSS     SSSSS
P        A        A          S         S
P       A          A  S     S   S     S
       A            A  SSSSS     SSSSS
```

** The output from STCHK and SAREA has been spooled into the file called KU5088 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MU5088 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	28.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 43.80
Scan Start Time: 2.80
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1889
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

This method file has been APPENDED to the DCS report file KU5088 .

Operator ID: RUDI Quant Rev: 7 Quant Time: 940121 08:08
Output File: ^U5088::D4 Injected at: 940120 16:48
Data File: >U5088::D1 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #1 VOA
Misc: 1000 931228 IS#14 SUR#A BTL#97

ID File: LU5088::AS
Title: BNA81
Last Calibration: 910627 21:10 Last Qcal Time: 940120 16:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*S20 1,4-DICHLOROBENZENE-d4	9.75	382	50109	40.00	ng/uL	99
2)	840 N-NITROSODIMETHYLAMINE	3.45	35	66915	50.00	ng/uL	87
3)	S01 2-FLUOROPHENOL	6.83	221	120746	100.00	ng/uL	90
4)	S02 PHENOL-d6	9.23	353	178930	100.00	ng/uL	94
5)	855 PHENOL	9.24	354	115212	50.00	ng/uL	90
6)	810 BIS(2-CHLOROETHYL)ETHER	9.30	357	101673	50.00	ng/uL	99
7)	845 2-CHLOROPHENOL	9.34	359	84891	50.00	ng/uL	97
8)	820 1,3-DICHLOROBENZENE	9.66	377	101854	50.00	ng/uL	92
9)	821 1,4-DICHLOROBENZENE	9.79	384	101350	50.00	ng/uL	97
10)	819 1,2-DICHLOROBENZENE	10.24	409	100850	50.00	ng/uL	89
11)	811 BIS(2CHLOROISOPROPYL)ETHER	10.66	432	202521	50.00	ng/uL	84
12)	835 HEXACHLOROETHANE	11.01	451	43840	50.00	ng/uL	96
13)	841 N-NITROSO-DI-n-PROPYLAMINE	11.03	452	86401	50.00	ng/uL	79
14)	*S21 NAPHTHALENE-d8	12.93	557	203362	40.00	ng/uL	99
15)	S03 NITROBENZENE-d5	11.19	461	92645	50.00	ng/uL	94
16)	839 NITROBENZENE	11.24	464	133692	50.00	ng/uL	94
17)	837 ISOPHORONE	11.90	500	272580	50.00	ng/uL	95
18)	S04 DECAFLUOROBIPHENYL	11.90	500	66166	50.00	ng/uL	95
19)	851 2-NITROPHENOL	12.04	508	55123	50.00	ng/uL	96
20)	848 2,4-DIMETHYLPHENOL	12.33	524	97784	50.00	ng/uL	96
21)	809 BIS(2-CHLOROETHOXY)METHANE	12.55	536	138622	50.00	ng/uL	98
22)	847 2,4-DICHLOROPHENOL	12.70	544	75295	50.00	ng/uL	98
23)	846 1,2,4-TRICHLOROBENZENE	12.86	553	94666	50.00	ng/uL	85
24)	838 NAPHTHALENE	12.99	560	118189	25.00	ng/uL	99
25)	833 HEXACHLOROBUTADIENE	13.51	589	49358	50.00	ng/uL	99
26)	860 PHENYLACETIC ACID	14.08	620	62855	50.00	ng/uL	93
27)	853 4-CHLORO-3-METHYLPHENOL	14.57	647	93335	50.00	ng/uL	93
28)	*S22 ACENAPHTHENE-d10	17.40	803	112486	40.00	ng/uL	99
29)	689 2,3,5-TRICHLOROPHENOL	15.28	686	32860	50.00	ng/uL	93
30)	834 HEXACHLOR13CYCLOPENTADIENE	15.35	690	55373	50.00	ng/uL	97
31)	856 2,4,6-TRICHLOROPHENOL	15.57	702	54155	50.00	ng/uL	93
32)	691 2,4,5-TRICHLOROPHENOL	15.64	706	36786	50.00	ng/uL	97
33)	S05 2-FLUOROBIPHENYL	15.79	714	133861	50.00	ng/uL	99
34)	693 2,3,4-TRICHLOROPHENOL	15.80	715	29921	50.00	ng/uL	90
35)	815 2-CHLORONAPHTHALENE	15.95	723	200902	50.00	ng/uL	97
36)	690 2,3,6-TRICHLOROPHENOL	16.00	726	33506	50.00	ng/uL	94
37)	801 ACENAPHTHYLENE	16.99	780	103583	25.00	ng/uL	98
38)	824 DIMETHYL PHTHALATE	16.99	780	194104	50.00	ng/uL	95
39)	827 2,6-DINITROTOLUENE	17.09	786	65231	50.00	ng/uL	73
40)	800 ACENAPHTHENE	17.48	807	76398	25.00	ng/uL	94

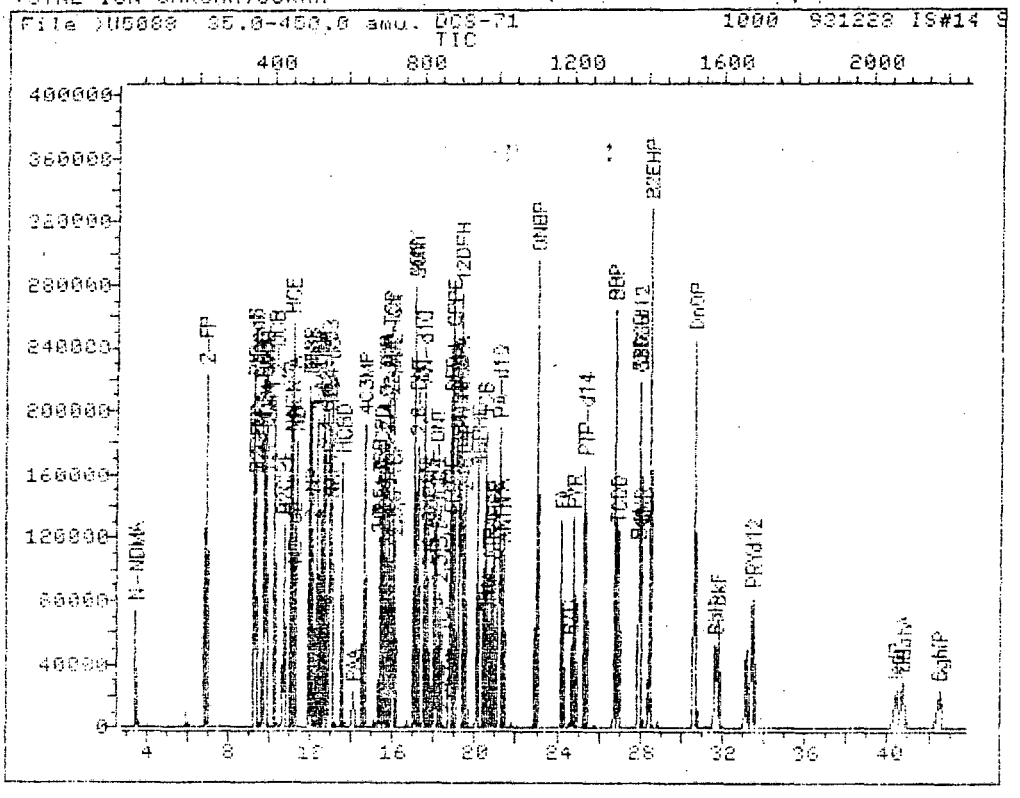
Operator ID: RUDI Quant Rev: 7 Quant Time: 940121 08:08
Output File: ^U5088::D4 Injected at: 940120 16:48
Data File: >U5088::D1 Dilution Factor: 1.00000
Name: DCS-71 Instrument ID: #1 VOA
Misc: 1000 931228 IS#14 SUR#A BTL#97

ID File: LU5088::AS
Title: BNA81
Last Calibration: 910627 21:10 Last Qcal Time: 940120 16:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	849 2,4-DINITROPHENOL	17.64	816	32421	50.00	ng/uL	83
42)	826 2,4-DINITROTOLUENE	18.06	839	91964	50.00	ng/uL	86
43)	688 2,3,5,6-TETRACHLOROPHENOL	18.22	848	28790	50.00	ng/uL	96
44)	852 4-NITROPHENOL	17.93	832	52945	50.00	ng/uL	84
45)	687 2,3,4,5-TETRACHLOROPHENOL	18.33	854	2124	2.50	ng/uL	98
46)	831 FLUORENE	18.75	877	82780	25.00	ng/uL	98
47)	816 4-CHLOROPHENYLPHENYLETHER	18.84	882	80774	50.00	ng/uL	92
48)	823 DIETHYL PHTHALATE	18.80	880	201860	50.00	ng/uL	97
49)	*S23 PHENANTHRENE-d10	21.11	1007	206315	40.00	ng/uL	99
50)	850 2-METHYL-4,6-DINITROPHENOL	19.11	897	75035	50.00	ng/uL	74
51)	857 N-NITROSODIPHENYLAMINE	19.19	901	113289	50.00	ng/uL	97
52)	829 1,2-DIPHENYLHYDRAZINE	19.24	904	303268	50.00	ng/uL	96
53)	692 3,4,5-TRICHLOROPHENOL	19.11	897	34489	50.00	ng/uL	87
54)	S06 2,4,6-TRIBROMOPHENOL	19.42	914	47479	100.00	ng/uL	97
55)	813 4-BROMOPHENYLPHENYLETHER	20.04	948	53669	50.00	ng/uL	88
56)	832 HEXACHLOROBENZENE	20.37	966	81823	50.00	ng/uL	96
57)	551 SIMAZINE	20.57	977	14961	25.00	ng/uL	96
58)	854 PENTACHLOROPHENOL	20.84	992	41352	50.00	ng/uL	98
59)	550 ATRAZINE	20.68	983	22262	25.00	ng/uL	96
60)	842 PHENANTHRENE	21.17	1010	118484	25.00	ng/uL	98
61)	802 ANTHRACENE	21.26	1015	121928	25.00	ng/uL	97
62)	825 DI-n-BUTYLPHTHALATE	22.93	1107	375048	50.00	ng/uL	97
63)	830 FLUORANTHENE	24.16	1175	137597	25.00	ng/uL	96
64)	*S24 CHRYSENE-d12	27.89	1380	182747	40.00	ng/uL	98
65)	843 PYRENE	24.71	1205	139800	25.00	ng/uL	93
66)	803 BENZIDINE	24.56	1197	51246M	50.02	ng/uL	98
67)	S07 p-TERPHENYL-d14	25.25	1235	163685	50.00	ng/uL	94
68)	844 1,2,3,4-TCDD (2,3,7,8)	26.87	1324	41646	50.00	ng/uL	94
69)	814 BUTYLBENZYLPHTHALATE	26.67	1313	173502	50.00	ng/uL	94
70)	804 BENZ(a)ANTHRACENE	27.83	1377	122068	25.00	ng/uL	99
71)	817 CHRYSENE	27.96	1384	119080	25.00	ng/uL	99
72)	822 3,3-DICHLOROBENZIDINE	27.87	1379	68307	50.00	ng/uL	98
73)	812 BIS(2-ETHYLHEXYL)PHTHALATE	28.40	1408	245833	50.00	ng/uL	98
74)	*S25 PERYLENE-d12	33.45	1686	197685	40.00	ng/uL	95
75)	828 DI-n-OCTYLPHTHALATE	30.59	1529	454576	50.00	ng/uL	99
76)	806 BENZO(b)FLUORANTHENE	31.61	1585	123738	25.00	ng/uL	95
77)	808 BENZO(k)FLUORANTHENE	31.74	1592	128913	25.00	ng/uL	94
78)	805 BENZO(a)PYRENE	31.61	1585	123738	25.00	ng/uL	95
79)	836 INDENO(1,2,3-c,d)PYRENE	40.36	2067	103752	25.00	ng/uL	97
80)	818 DIBENZO(a,h)ANTHRACENE	40.75	2088	113050	25.00	ng/uL	84
81)	807 BENZO(g,h,i)PERYLENE	42.49	2184	111917	25.00	ng/uL	94

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U5088::D1 Quant Output File: ^U5088::D4
Name: DCS-71 Instrument ID: #1 VOA
Misc: 1000 931228 IS#14 SUR#A BTL#97

Id File: LU5088::AS
Title: BNA81
Last Calibration: 910627 21:10 Last Qcal Time: 940120 16:48

Operator ID: RUDI
Quant Time : 940121 08:08
Injected at: 940120 16:48

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DFTPP TUNE AND THE HEADING
OF EACH FILE IN THE CORRESPONDING BATCH

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	56.05	56.05	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	67.97	67.97	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	46.46	46.46	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.73	7.73	Ok
275	10-30% of mass 198	17.04	17.04	Ok
365	Greater than 1% of mass 198	2.05	2.05	Ok
441	0-100% of mass 443	9.31	62.50	Ok
442	Greater than 40% of mass 198	72.16	72.16	Ok
443	17-23% of mass 442	14.90	20.65	Ok

Injection Date: 01/20/94
Injection Time: 14:02
Data File: >U5087
Scan: 871

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES

FILE NAME	SAMPLE NAME	TIME ANALYZED
>U5088	DCS-71	01-20-94 16:48
>U5089	SJ 01B03L BBLANK	01-20-94 17:45
>U5090	SJ 01Q03L QQCCHECK	01-20-94 18:41
>U5091	SJ 67642 TPOMFBAY	01-20-94 19:38
>U5092	SJ 67645 TSJCFBAY	01-20-94 20:34
>U5093	SJ 67660 TSJ3FBAY N	01-20-94 21:30
>U5094	SJ 67660 TSJ3FBAY S	01-20-94 22:25
>U5095	SJ 67660 TSJ3FBAY D	01-20-94 23:21
>U5096	SJ 67698 TWNFBAY	01-21-94 00:16
>U5097	SJ 01B11L BBLANK	01-21-94 01:11

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SURROGATE RECOVERIES OF HP GC/MS BNA SAMPLES IN A BATCH

DAILY CHECK STANDARD

DATA FILE: >U5088
SAMPLE NAME: DCS-71
INJ TIME: 01-20-94 16:48

HPFILE	SAMPLE NAME	S01	S02	S03	S04	S05	S06	S07	IO	EX.TIM
>U5089	SJ 01B03L BBLANK	79	78	98	67	95	98	68	OK	940103
>U5090	SJ 01Q03L QQCCHECK	95	99	109	74	97	106	76	OK	940103
>U5091	SJ 67642 TPOMFBAY	66	71	79	56	81	95	50	OK	940103
>U5092	SJ 67645 TSJCFBAY	63	69	81	55	25*	88	54	1	940103
>U5093	SJ 67660 TSJ3FBAY N	62	71	73	49	78	92	52	OK	940103
>U5094	SJ 67660 TSJ3FBAY S	67	74	82	55	88	104	58	OK	940103
>U5095	SJ 67660 TSJ3FBAY D	123*	144*	187*	123	86	177*	83	4	940103
>U5096	SJ 67698 TWNFBAY	62	65	75	52	75	88	43	OK	940103
>U5097	SJ 01B11L BBLANK	61	226*	74	57	82	75	65	1	940111

SURROGATE	LIMIT OF RECOVERY (WATER)	LIMIT OF RECOVERY (IW)	LIMIT OF RECOVERY (SOIL/SEDIMENT)
S01 2-Fluorophenol	27-119	37-121	42-120
S02 Phenol-d6	23-111	20-128	37-115
S03 Nitrobenzene-d5	62-122	55-127	71-107
S04 Decafluorobiphenyl	------	------	------
S05 2-Fluorobiphenyl	56-124	54-132	88-130
S06 2,4,6-Tribromophenol	40-150	35-161	86-134
S07 p-Terphenyl-d14	37-133	40-154	49-121

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U5088
SAMPLE NAME: DCS-71
INJ TIME: 01-20-94 16:48

	S20		S21		S22	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	50109	9.75	203362	12.93	112486	17.40
UPPER LIMIT	100218	10.25	406724	13.43	224972	17.90
LOWER LIMIT	25055	9.25	101681	12.43	56243	16.90
THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:						
SJ 01B03L B	51241	9.75	202249	12.92	113926	17.39
SJ 01Q03L Q	50484	9.75	204634	12.93	113616	17.40
SJ 67642 TP	50389	9.74	196239	12.92	113167	17.40
SJ 67645 TS	55100	9.74	211248	12.92	118957	17.41
SJ 67660 TS	50254	9.74	201198	12.92	110210	17.40
SJ 67660 TS	54042	9.74	197958	12.92	110539	17.41
SJ 67660 TS	178782**	9.78	641468**	12.98	394584**	17.46
SJ 67698 TW	67452	9.76	263122	12.94	140845	17.41
SJ 01B11L B	4005**	9.73	83551**	12.91	92042	17.39

S20 = 1,4-Dichlorobenzene-d4
S21 = Naphthalene-d8
S22 = Acenaphthene-d10

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF HP GC/MS BNA SAMPLES IN A 12-HOUR BATCH

DAILY CHECK STANDARD

DATA FILE: >U5088
SAMPLE NAME: DCS-71
INJ TIME: 01-20-94 16:48

	S23		S24		S25	
	AREA	RT	AREA	RT	AREA	RT
12-HOUR STD	206315	21.11	182747	27.89	197685	33.45
UPPER LIMIT	412630	21.61	365494	28.39	395370	33.95
LOWER LIMIT	103158	20.61	91374	27.39	98843	32.95

THE CRITERIA ABOVE APPLY TO THE FOLLOWING SJC SAMPLES:

SJ 01B03L	B	207248	21.09	206191	27.87	218763	33.42
SJ 01Q03L	Q	209875	21.11	186005	27.90	210601	33.44
SJ 67642	TP	204609	21.09	192711	27.87	199438	33.41
SJ 67645	TS	210584	21.10	197148	27.89	208944	33.45
SJ 67660	TS	198651	21.09	190053	27.87	192909	33.41
SJ 67660	TS	192427	21.10	177177	27.88	180354	33.42
SJ 67660	TS	670031**	21.19	613683**	28.01	733740**	33.71
SJ 67698	TW	251031	21.12	234172	27.91	249667	33.51
SJ 01B11L	B	180839	21.10	177911	27.89	181141	33.44

S23 = Phenanthrene-d10
S24 = Chrysene-d12
S25 = Perylene-d12

UPPER LIMIT
internal standard AREA x 2
internal standard RT + 0.5 MIN
LOWER LIMIT
internal standard AREA / 2
internal standard RT - 0.5 MIN

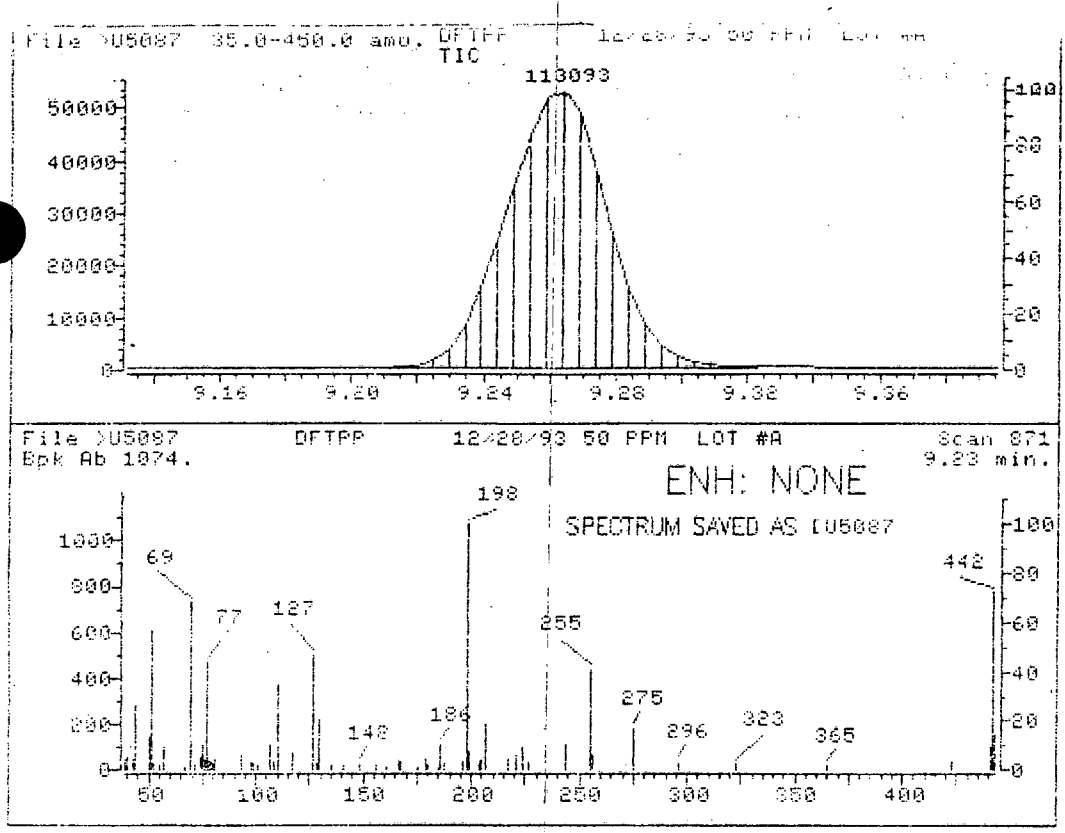
The output of HEADER has been spooled
into HU5088 .

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	56.05	56.05	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	67.97	67.97	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	46.46	46.46	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.73	7.73	Ok
275	10-30% of mass 198	17.04	17.04	Ok
365	Greater than 1% of mass 198	2.05	2.05	Ok
441	0-100% of mass 443	9.31	62.50	Ok
442	Greater than 40% of mass 198	72.16	72.16	Ok
443	17-23% of mass 442	14.90	20.65	Ok

Injection Date: 01/20/94
Injection Time: 14:02
Data File: >U5087
Scan: 871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40
20
0
9.16
9.20
9.24
9.28
9.32
9.36

File >U5087 DFTPP 12/28/93 50 PPM LOT #A Scan 871
Bpk Ab 1074. 9.23 min.
ENH: NONE
SPECTRUM SAVED AS U5087
1000
900
600
400
200
0
100
80
60
40
20
0
69
77
127
148
186
198
255
275
296
323
365
442
50
100
150
200
250
300
350
400

>U5087 DFTPP 12/28/93 50 PPM LOT #A
871 NRM

File: >U5087 Scan #: 871 Retn. time: 9.23

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
39.10	4.469	76.05	4.190	116.95	7.169	179.90	1.676	224.10	9.497
40.10	4.842	77.05	43.669	126.95	46.462	184.90	1.210	227.00	3.724
43.00	4.469	78.05	4.655	127.95	2.980	186.00	10.428	244.00	10.149
44.00	25.885	78.95	3.818	129.05	20.391	187.10	2.980	255.10	40.689
50.10	13.780	79.95	2.980	135.05	1.955	195.90	3.259	256.00	5.680
51.00	56.052	80.85	4.655	140.45	.931	197.90	100.000	275.05	17.039
52.00	2.980	93.05	5.773	141.15	2.142	198.90	7.728	296.05	3.631
55.05	1.955	97.95	3.352	147.95	2.793	204.00	3.352	323.05	2.328
56.95	9.125	98.75	2.514	155.90	1.676	204.80	4.097	364.90	2.048
66.85	1.210	100.85	1.862	160.90	1.397	205.10	3.445	423.10	3.259
68.95	67.970	106.95	10.521	167.00	4.376	206.10	18.529	441.10	9.311
71.05	2.048	107.95	3.631	167.90	3.166	216.80	4.097	442.10	72.160
73.85	5.214	109.95	34.916	175.00	1.024	220.80	4.842	443.10	14.898
74.95	10.056	110.75	5.028	178.80	4.749	221.20	5.773		

GC/MS PERFORMANCE STANDARD

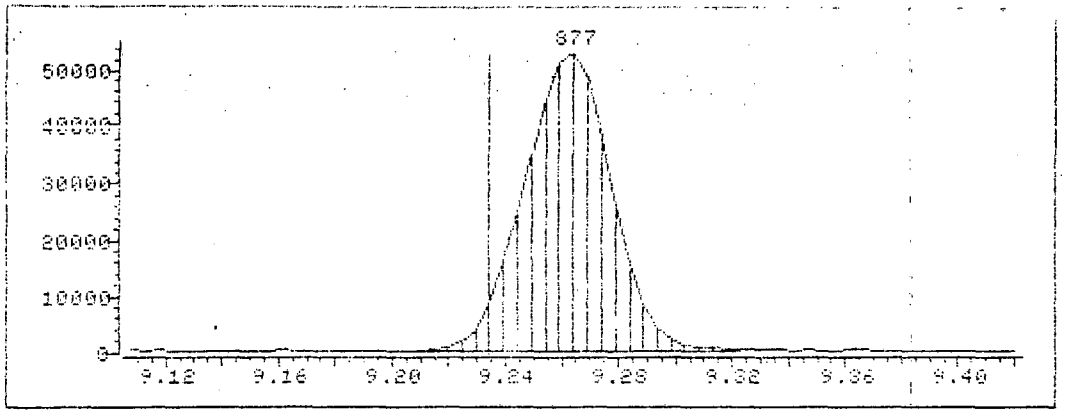
Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	75.52	75.52	No Good
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	89.51	89.51	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	53.91	53.91	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.43	7.43	Ok
275	10-30% of mass 198	20.15	20.15	Ok
365	Greater than 1% of mass 198	1.87	1.87	Ok
441	0-100% of mass 443	7.73	69.60	Ok
442	Greater than 40% of mass 198	56.08	56.08	Ok
443	17-23% of mass 442	11.11	19.82	Ok

Injection Date: 01/20/94
Injection Time: 14:02
Data File: >U5087
Scan: 877

Spectrum fails specified criteria.

****
* A TUNER REPORT OF THE MAXIMUM UNENHANCED DFTPP SCAN IS LISTED *
* ABOVE FOR COMPARISON BECAUSE THE MAXIMUM AND THE PASSING *
* SCAN ARE NOT THE SAME. *
****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9.28
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9.36
9.40

SAN JOSE WATER QUALITY LABORATORY

LIST OF TUNE FILE

TUNE FILE NAME	INSTRUMENT MODEL NO.	LAST UPDATE DATE
TU5087	5970	12/28/93 15:44

LENS	START	STOP	STEP
REPELLER	0	10.2	.2
ION FOCUS	0	204	4
ENT. LENS	0	255	5
X-RAY	0	204	4

PROFILE SCAN MASSES			WINDOW	STEP SIZE
69	219	414	6	.1

SCANS	SCALE FACTOR
5	1

SPECTRUM SCAN RANGE		SCAN THRESHOLD
10	800	10

A/D SAMPLES	INTEGRATION
16	50

REPELLER	(0 - 10.2 V)	9.8	ION FOCUS	(0 - 204 V)	74
ENT. LENS	(0 - 255 MV/AMU)	64	X - RAY	(0 - 204 V)	33
EL. MULT	(0 - 3000 V)	1984			
AMU GAIN	(0 - 255)	114	AMU OFFSET	(0 - 255)	53
AXIS GAIN	(0 - +/- 999)	-32	AXIS OFFSET	(0 - +/- 999)	18

This tune file has been APPENDED to the tune report file DU5087 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MU5087 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		100.0	2.0
	30.0	210.0	10.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 9.80
Scan Start Time: 5.00
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 0 Operating Conditions

Number of samples washes:	3	Number of samples pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1900
Number of A/D samples (2^N): 0
GC peak threshold: 20000 counts
Threshold: 10 counts

This method file has been APPENDED to the tune report file DU5087 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF INTERNAL STANDARD AREAS AND RETENTION TIMES
OF SAMPLE ANALYZED BY HP 5890/5970B GC/MS

DATA FILE: ^U5012 QUANT DATE: 9401060829 INJ TIME: 9401060753
SAMPLE NAME: [redacted]
MISC: 1000 931216 IS#14 SUR#A BTL#97
LAST EDIT FILE TIME: 8:30 AM THU., 6 JAN., 1994

ANALYZED BY: [signature] VERIFIED BY: [signature]

DATA FILE: ^U5012 ^U4996

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	36551	22112	44223	88446	OK
S21 Naphthalene-d8	154232	98516	197032	394064	OK
S23 Acenaphthene-d10	95871	63351	126701	253402	OK
S23 Phenanthrene-d10	194456	123512	247023	494046	OK
S24 CHRYSENE-D12	182198	123237	246474	492948	OK
S25 Perylene-d12	195381	135344	270688	541376	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.53	6.76	7.26	7.76	OK
S21 Naphthalene-d8	10.69	9.95	10.45	10.95	OK
S22 Acenaphthene-d10	15.04	14.28	14.78	15.28	OK
S23 Phenanthrene-d10	18.66	17.86	18.36	18.86	OK
S24 CHRYSENE-D12	25.17	24.38	24.88	25.38	OK
S25 Perylene-d12	28.67	27.79	28.29	28.79	OK

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF DCS RF CRITERIA CHECKS

OUTPUT FILE: ^U5012 CALIBRATION FILE: ^CLIB1D
VERIFICATION TIME: 8:30 AM THU., 6 JAN., 1994

COUMPOUND	CB_RF	DCS_RF	%DIFF	CCC	SPCC	MK
534 ENDRIN ALDEHYDE	.08183	.17188	110.03			

PPPPP A SSSSS SSSSS
P P A A S S S S
P P A A S S
PPPPP AAAAAAA SSSSS SSSSS
P A A S S
P A A S S S S
P A A SSSSS SSSSS

** The output from STCHK and SAREA has been spooled into the file called KU5012 .

SAN JOSE CREEK WATER QUALITY LABORATORY

L I S T O F M E T H O D F I L E

Method file: MU5012 GC type: 5890 Run type: SCAN, GC, EI

Column: Cap Splitless: Yes

TEMPERATURE:	Inj.P	Intfc	Source
	275.0	280.0	0.0

G C / D I P P A R A M E T E R T A B L E

	Rate	Temperature	Time
Initial Values:		40.0	4.0
	10.0	270.0	28.0
Level A Values:	.0	.0	.0
Level B Values:	.0	.0	.0
Post Run Values:		.0	.0

Oven Equilibration Time: .00

Run time: 34.40
Scan Start Time: 1.50
Splitless Valve Time: .50

	ON	OFF	ON	OFF
Relay #1:	327.0	327.0	327.0	327.0
Relay #2:	327.0	327.0	327.0	327.0
Triac #0:	327.0	327.0	327.0	327.0
Triac #1:	327.0	327.0	327.0	327.0

ALS 7673 Operating Conditions

Number of samples washes:	2	Number of sample pumps:	5
Solvent A washes:	5	Solvent B washes:	3
Sample viscosity wait:	4	Injection mode is FAST	

SCAN Parameters:

Mass Range: 35 to 450
Multiplier voltage: 1950
Number of A/D samples (2^N): 2
GC peak threshold: 20000 counts
Threshold: 50 counts

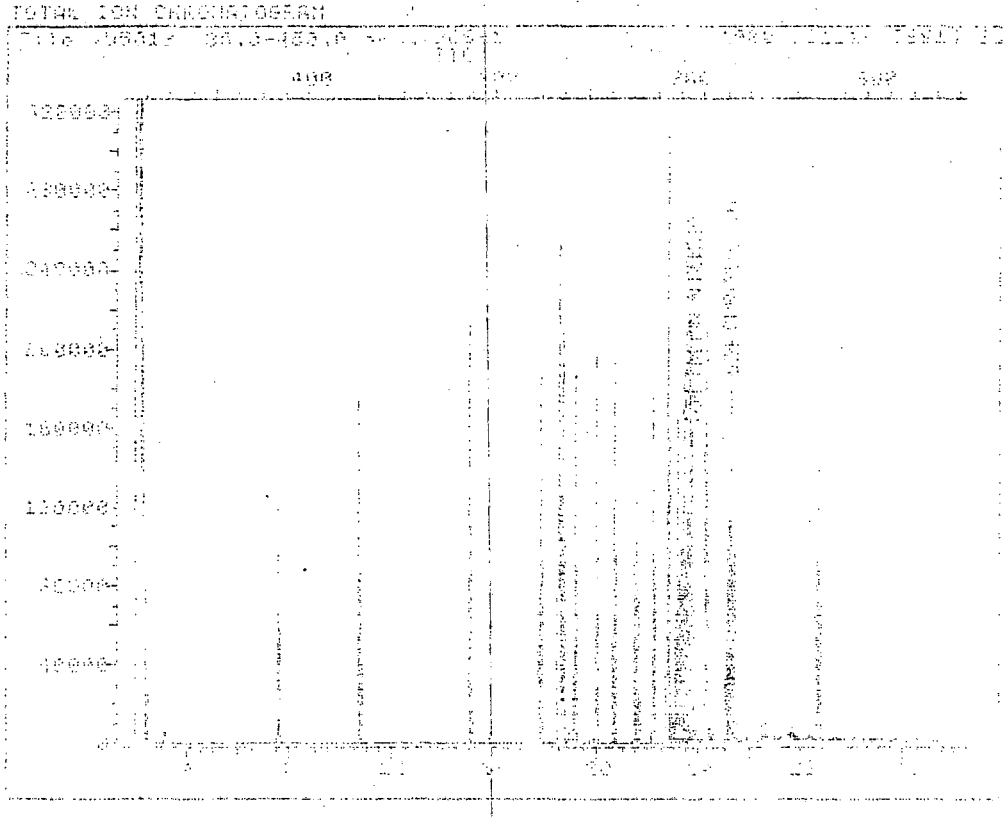
This method file has been APPENDED to the DCS report file KU5012 .

Operator ID: TRFI1 Quant Rev: 7 Quant Time: 940106 08:32
Output File: ^U5012::D4 Injected at: 940106 07:53
Data File: >U5012::D1 Dilution Factor: 1.00000
Name: DCS-1 Instrument ID: #1 VOA
Misc: 1000 931216 IS#14 SUR#A BTI#97

ID File: LU5012::AS
Title: ENDRIN ALDEHYDE, 3 IONS
Last Calibration: 910916 15:24 Last Qcal Time: 940106 07:53

	Compound	R.T.	Scan#	Area	Conc	Units	Q
1)	*S20 1,4-Dichlorobenzenene-d4	7.53	334	36551	40.00	NG/UL	94
2)	*S21 Naphthalene-d8	10.69	508	154232	40.00	NG/UL	99
3)	*S22 Acenaphthene-d10	15.04	746	95871	40.00	NG/UL	97
4)	*S23 Phenanthrene-d10	18.66	947	194456	40.00	NG/UL	97
5)	*S24 CHRYSENE-D12	25.17	1305	182198	40.00	NG/UL	94
6)	534 ENDRIN ALDEHYDE	23.73	1226	39145	50.00	NG/UL	95
7)	*S25 Perylene-d12	28.67	1498	195381	40.00	NG/UL	95

* Compound is ISTD



Data File: HU5012::D1
Name: DCS-1
Misc: 1000 931216 TS#14 SUR#A

Quant Output File: HU5012::D4
Instrument ID: #1 VOA
BTL#17

Id File: LU501,,::A8
Title: ENDRIN ALDEHYDE, 3 IONS
Last Calibration: 931216 15:34

Last Cal Time: 940106 07:58

Operator ID: UNIT1
Quant Time : 940106 08:03
Injected at: 940106 07:43

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0363 QUANT DATE: 9401132044 INJ TIME: 9401132010
SAMPLE NAME: SJ 018075 BBLANK
MISC: 1000G940107 IS#14 SUR#A BTL# 9
LASTEDIT FILE TIME: 8:47 PM THU., 13 JAN., 1994

ANALYZED BY: VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	--	ND		3	<	3
838 Naphthalene		ND		2	<	2
839 Nitrobenzene		ND		2	<	2
840 N-Nitrosodimethylamine		ND		30	<	30
841 N-Nitroso-di-n-propylamine		ND		2	<	2
842 Phenanthrene		ND		1	<	1
843 Pyrene		ND		2	<	2
844 1,2,3,4-TCDD (2,3,7,8)		ND		3	<	3
845 2-Chlorophenol		ND		8	<	8
846 1,2,4-Trichlorobenzene		ND		3	<	3
847 2,4-Dichlorophenol		ND		3	<	3
848 2,4-Dimethylphenol		ND		3	<	3
849 2,4-Dinitrophenol		ND		39	<	39
850 2-Methyl-4,6-dinitrophenol		ND		17	<	17
851 2-Nitrophenol		ND		9	<	9
852 4-Nitrophenol		ND		6	<	6
853 4-Chloro-3-methylphenol		ND		2	<	2
854 Pentachlorophenol		ND		16	<	16
855 Phenol		ND		3	<	3
856 2,4,6-Trichlorophenol		ND		2	<	2
857 N-Nitrosodiphenylamine		ND		2	<	2

==========NOTE==========

DATA FILE: >W0363 SAMPLE NAME: SJ 018075 BBLANK
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	12.18	100.00	12	37-115	*
S03 Nitrobenzene-d5	17.98	50.00	35	71-107	*
S04 Decafluorobiphen	17.98	50.00	36	------	OK
S05 2-Fluorobiphenyl	26.42	50.00	53	88-130	*
S06 2,4,6-Tribromoph	44.75	100.00	45	86-134	*
S07 p-Terphenyl-d14	19.73	50.00	39	49-121	*

Initial Volume is 1000 ML

DATA FILE:	^W0363	^W0364			
	SAMPLE	1/2 X AREA	STANDARD AREA	2X AREA	MRK
INTERNAL STANDARD	AREA				
S20 1,4-Dichlorobenzen	3888	1785	3569	7138	OK

S21 Naphthalene-d8	23340	10468	20935	41870	OK
S22 Acenaphthene-d10	19076	8911	17822	35644	OK
S23 Phenanthrene-d10	49112	20142	40283	80566	OK
S24 Chrysene-d12	65490	25378	50756	101512	OK
S29 Perylene-d12	71701	29317	58633	117266	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.19	6.66	7.16	7.66	OK
S21 Naphthalene-d8	10.34	9.86	10.36	10.86	OK
S22 Acenaphthene-d10	14.68	14.20	14.70	15.20	OK
S23 Phenanthrene-d10	18.32	17.83	18.33	18.83	OK
S24 Chrysene-d12	24.85	24.35	24.85	25.35	OK
S29 Perylene-d12	28.24	27.73	28.23	28.73	OK

The output from LU 6 has been sucessfully spooled into the file called OWU363 .

SAN JOSE CREEK WATER QUALITY LABORATORY

Laboratory Control Standard

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0364 QUANT DATE: 9401132129 INJ TIME: 9401132054
SAMPLE NAME: SJ 01R025 (QCHECK)
MISC: 1000G940107 IS#14 SUR#A BTL#10
LASTEDIT FILE TIME: 9:32 PM THU., 13 JAN., 1994

ANALYZED BY: VERIFIED BY: Rudi Schreder

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.71	2		43
801	Acenaphthylene	42.81	2		43
802	Anthracene	48.11	1		48
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	50.75	2		51
805	Benzo(A)pyrene	46.97	2		47
806	Benzo(B)fluoranthene	52.56	2		52
807	Benzo(G,H,I)perylene	48.79	6		49
808	Benzo(K)fluoranthene	42.78	2		43
809	Bis(2-chloroethoxy)methane	45.07	3		45
810	Bis(2-chloroethyl)ether	39.20	5		39
811	Bis(2chloroisopropyl)ether	38.19	3		38
812	Bis(2-ethylhexyl)phthalate	53.51	10		54
813	4-Bromophenylphenylether	51.44	9		51
814	Butylbenzylphthalate	57.69	3		58
815	2-Chloronaphthalene	44.53	1		45
816	4-Chlorophenylphenylether	51.63	2		52
817	Chrysene	43.73	2		44
818	Dibenzo(A,H)anthracene	47.91	6		48
819	1,2-Dichlorobenzene	42.51	10		43
820	1,3-Dichlorobenzene	38.95	10		39
821	1,4-Dichlorobenzene	41.71	2		42
822	3,3-Dichlorobenzidine	28.61*	100		29*
823	Diethylphthalate	52.38	2		52
824	Dimethylphthalate	50.24	3		50
825	Di-n-butylphthalate	53.71	4		54
826	2,4-Dinitrotoluene	42.42	3		42
827	2,6-Dinitrotoluene	50.38	5		50
828	Di-n-octylphthalate	60.88	5		61
829	1,2-Diphenylhydrazine	49.34	1		49
830	Fluoranthene	44.18	2		44
831	Fluorene	45.99	2		46
832	Hexachlorobenzene	48.62	1		49
833	Hexachlorobutadiene	42.23	10		42
834	Hexchlor1,3cyclopentadiene	19.86*	100		20*
835	Hexachloroethane	48.96	12		49
836	Indeno(1,2,3-CD)pyrene	60.29	6		60

837 Isophorone	33.39	3		33
838 Naphthalene	41.48	2		41
839 Nitrobenzene	47.46	2		47
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	50.10	2		50
842 Phenanthrene	47.51	1		48
843 Pyrene	41.03	2		41
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	36.81	8		37
846 1,2,4-Trichlorobenzene	43.91	3		44
847 2,4-Dichlorophenol	44.46	3		44
848 2,4-Dimethylphenol	42.82	3		43
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	6.22*	17		6*
851 2-Nitrophenol	44.17	5		44
852 4-Nitrophenol	25.18	6		25
853 4-Chloro-3-methylphenol	45.14	2		45
854 Pentachlorophenol	32.25	16		32
855 Phenol	19.29	3		19
856 2,4,6-Trichlorophenol	49.51	2		50
857 N-Nitrosodiphenylamine	99.15	2		99

==========NOTE==========

DATA FILE: >W0364 SAMPLE NAME: SJ 01R07S QWCHECK
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0363 SAMPLE NAME: SJ 01B07S BRLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	24.93	100.00	25	32-119	*
S03 Nitrobenzene-d5	26.53	50.00	53	71-107	*
S04 Decafluorobiphen	18.59	50.00	37	------	OK
S05 2-Fluorobiphenyl	26.98	50.00	54	88-130	*
S06 2,4,6-Tribromoph	53.38	100.00	53	86-134	*
S07 p-Terphenyl-d14	20.53	50.00	41	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0364 ^W0394

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4126	1785	3569	7138	OK
S21 Naphthalene-d8	24221	10468	20935	41870	OK
S22 Acenaphthene-d10	20498	8911	17822	35644	OK
S23 Phenanthrene-d10	47519	20142	40283	80566	OK
S24 Chrysene-d12	60543	25378	50756	101512	OK
S25 Perylene-d12	69943	29317	58633	117266	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.15	6.66	7.16	7.66	OK
S21 Naphthalene-d8	10.35	9.86	10.36	10.86	OK
S22 Acenaphthene-d10	14.70	14.20	14.70	15.20	OK
S23 Phenanthrene-d10	18.33	17.83	18.33	18.83	OK
S24 Chrysene-d12	24.87	24.35	24.85	25.35	OK
S25 Perylene-d12	28.24	27.73	28.23	28.73	OK

The output from LU 6 has been sucessfully spooled into the file called OW0364 .

SAMPLE RESULTS FOR BNA COMPOUND ANALYSIS

LIST OF SAMPLES IN BATCH

SAMPLE NUMBER	SAMPLE DATE	EXTRACTION DATE	ANALYSIS DATE
SJ70145	12/30/93	01/07/94	01/13/94
SJ70146	12/30/93	01/07/94	01/13/94
SJ70147	12/30/93	01/07/94	01/13/94
SJ70148	12/30/93	01/07/94	01/13/94
SJ70150	01/03/94	01/07/94	01/13/94
SJ70151	01/03/94	01/07/94	01/13/94
SJ70152	01/03/94	01/07/94	01/13/94

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0365 QUANT DATE: 9401132213 INJ TIME: 9401132138
SAMPLE NAME: SJ 70145 LPVLFAHCP
MISC: 1000G940107 931230 IS#14 SUR#A BTL#11
LASTEDIT FILE TIME: 10:16 PM THU., 13 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	36.93	10		37
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0365 SAMPLE NAME: SJ 70145 LPVLFAHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0363 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	28.28	100.00	28	37-115	*
S03 Nitrobenzene-d5	17.23	50.00	34	71-107	*
S04 Decafluorobiphen	17.82	50.00	36	------	OK
S05 2-Fluorobiphenyl	23.44	50.00	47	88-130	*
S06 2,4,6-Tribromoph	39.39	100.00	39	86-134	*
S07 p-Terphenyl-d14	18.64	50.00	37	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0365 ^W0354

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4025	1785	3569	7138	OK
S21 Naphthalene-d8	24519	10468	20935	41870	OK
S22 Acenaphthene-d10	19715	8911	17822	35644	OK
S23 Phenanthrene-d10	48561	20142	40283	80566	OK
S24 Chrysene-d12	65835	25378	50756	101512	OK
S25 Perylene-d12	76397	29317	58633	117266	OK

	SAMPLE	STANDARD			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.16	6.66	7.16	7.66	OK
S21 Naphthalene-d8	10.35	9.86	10.36	10.86	OK
S22 Acenaphthene-d10	14.69	14.20	14.70	15.20	OK
S23 Phenanthrene-d10	18.31	17.83	18.33	18.83	OK
S24 Chrysene-d12	24.84	24.35	24.85	25.35	OK
S25 Perylene-d12	28.23	27.73	28.23	28.73	OK

NOTES TO THE USERS: BNA TO BE RESET

12/30 P
JAN 13

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5081 QUANT DATE: 9401131536 IN.
SAMPLE NAME: SJ 70146 LPVLFHCP N
MISC: 1000G940107 931230 IS#14 SUR#28
LASTEDIT FILE TIME: 3:39 PM THU., 13 JAN., 1994
ANALYZED BY: Rad Schneider VERIFIED BY:

MISSING:
DFTPP — U5074
DCS — U5075
BLK — U5080

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	1.33*	10		1*
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.87 FP	3	<	3
825	Di-n-butylphthalate	2.97*	4		3*
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >U5081 SAMPLE NAME: SJ 70146 LPVLFHCP N
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5080 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

825 Di-n-butylphthalate 1 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	36.15	100.00	36	42-120	*
S02 Phenol-d5	52.03	100.00	52	37-115	OK
S03 Nitrobenzene-d5	45.44	50.00	91	71-107	OK
S04 Decafluorobiphen	44.17	50.00	88	------	OK
S05 2-Fluorobiphenyl	51.29	50.00	103	88-130	OK
S06 2,4,6-Tribromoph	83.73	100.00	84	86-134	*
S07 p-Terphenyl-d14	33.20	50.00	66	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5081 ^U5075

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	48847	21121	42241	84482	OK
S21 Naphthalene-d8	182903	97627	195254	390508	OK
S22 Acenaphthene-d10	117521	58757	117514	235028	OK
S23 Phenanthrene-d10	224427	113108	226216	452432	OK
S24 Chrysene-d12	229287	113121	226242	452484	OK
S25 Perylene-d12	250719	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.50	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.66	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	15.01	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.59	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.14	24.65	25.15	25.65	OK
S25 Perylene-d12	28.65	28.16	28.66	29.16	OK

NOTES TO THE USERS: MI CONFIRMED BY SPIKE AND DUP SPIKE.

SAN JOSE CREEK WATER QUALITY LABORATORY

Not Spiked ??

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5082 QUANT DATE: 9401131627 INJ TIME: 9401131551
SAMPLE NAME: SJ 70146 LPVLFHCP S
MISC: 1000G940107 931230 IS#14 SUR#28 BTL# 7
LASTEDIT FILE TIME: 4:29 PM THU., 13 JAN., 1994

ANALYZED BY: RS VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.19*	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.89	3		5
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	ND	2	<	2
842	Phenanthrene	ND	1	<	1
843	Pyrene	ND	2	<	2
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	ND	8	<	8
846	1,2,4-Trichlorobenzene	ND	3	<	3
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	ND	2	<	2
854	Pentachlorophenol	ND	16	<	16
855	Phenol	ND	3	<	3
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >U5082 SAMPLE NAME: SJ 70146 LPVLFHCP S
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5081 SAMPLE NAME: SJ 70146 LPVLFHCP N

FOOTNOTE #38 = BLANK CONTAMINANT:

824	Dimethylphthalate	5	ug/L
825	Di-n-butylphthalate	3	ug/L
812	Bis(2-ethylhexyl)phthalate	1	ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	23.29	100.00	23	42-120	*
S02 Phenol-d5	36.89	100.00	37	37-115	OK
S03 Nitrobenzene-d5	39.02	50.00	78	71-107	OK
S04 Decafluorobiphen	36.56	50.00	73	------	OK
S05 2-Fluorobiphenyl	49.70	50.00	99	88-130	OK
S06 2,4,6-Tribromoph	71.48	100.00	71	86-134	*
S07 p-Terphenyl-d14	33.46	50.00	67	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5082 ^U5075

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	33401	21121	42241	84482	OK
S21 Naphthalene-d8	129934	97627	195254	390508	OK
S22 Acenaphthene-d10	78665	58757	117514	235028	OK
S23 Phenanthrene-d10	167459	113108	226216	452432	OK
S24 Chrysene-d12	167927	113121	226242	452484	OK
S25 Perylene-d12	183788	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.50	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.65	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	14.99	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.57	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.12	24.65	25.15	25.65	OK
S25 Perylene-d12	28.61	28.16	28.66	29.16	OK

The output from LU 6 has been sucessfully spooled into the file called OU5082 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5083 QUANT DATE: 9401131718 INJ TIME: 9401131642
SAMPLE NAME: SJ 70146 LPVLFHCP D
MISC: 1000G940107 931230 IS#14 SUR#28 BTL# 8
LASTEDIT FILE TIME: 1:08 PM FRI., 14 JAN., 1994
ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	42.45	2		42
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.15*	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	40.38	2		40
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.80	3		5
825	Di-n-butylphthalate	5.41	4		5
826	2,4-Dinitrotoluene	38.45	3		38
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND	3	<	3
838	Naphthalene	ND	2	<	2
839	Nitrobenzene	ND	2	<	2
840	N-Nitrosodimethylamine	ND	30	<	30
841	N-Nitroso-di-n-propylamine	31.94	2		32
842	Phenanthrene	ND	1	<	1
843	Pyrene	40.13	2		40
844	1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845	2-Chlorophenol	33.35	8		33
846	1,2,4-Trichlorobenzene	45.86	3		46
847	2,4-Dichlorophenol	ND	3	<	3
848	2,4-Dimethylphenol	ND	3	<	3
849	2,4-Dinitrophenol	ND	39	<	39
850	2-Methyl-4,6-dinitrophenol	ND	17	<	17
851	2-Nitrophenol	ND	5	<	5
852	4-Nitrophenol	ND	6	<	6
853	4-Chloro-3-methylphenol	40.96	2		41
854	Pentachlorophenol	15.33*	16		15*
855	Phenol	21.89	3		22
856	2,4,6-Trichlorophenol	ND	2	<	2
857	N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >U5083 SAMPLE NAME: SJ 70146 LPVLFHCP D
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5081 SAMPLE NAME: SJ 70146 LPVLFHCP N

FOOTNOTE #38 = BLANK CONTAMINANT:

824	Dimethylphthalate	5	ug/L
825	Di-n-butylphthalate	3	ug/L
812	Bis(2-ethylhexyl)phthalate	1	ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	37.88	100.00	38	42-120	*
S02 Phenol-d5	52.44	100.00	52	37-115	OK
S03 Nitrobenzene-d5	43.26	50.00	87	71-107	OK
S04 Decafluorobiphen	39.86	50.00	80	------	OK
S05 2-Fluorobiphenyl	52.10	50.00	104	88-130	OK
S06 2,4,6-Tribromoph	91.20	100.00	91	86-134	OK
S07 p-Terphenyl-d14	33.90	50.00	68	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5083 ^U5075

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	33220	21121	42241	84482	OK
S21 Naphthalene-d8	139720	97627	195254	390508	OK
S22 Acenaphthene-d10	88383	58757	117514	235028	OK
S23 Phenanthrene-d10	180358	113108	226216	452432	OK
S24 Chrysene-d12	179064	113121	226242	452484	OK
S25 Perylene-d12	192058	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.50	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.66	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	14.99	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.57	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.13	24.65	25.15	25.65	OK
S25 Perylene-d12	28.61	28.16	28.66	29.16	OK

The output from LU 6 has been sucessfully spooled into the file called OU5083 .

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0366 QUANT DATE: 9401132258 INJ TIME: 9401132223
SAMPLE NAME: SJ 70147 LPVLFAHCP
MISC: 1000G940107 931230 IS#14 SUR#A BTL#12
LASTEDIT FILE TIME: 11:00 PM THU., 13 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >W0366 SAMPLE NAME: SJ 70147 LPVLFAHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0363 SAMPLE NAME: SJ 01807S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	37.43	100.00	37	37-115	OK
S03 Nitrobenzene-d5	24.52	50.00	49	71-107	*
S04 Decafluorobiphen	24.49	50.00	49	------	OK
S05 2-Fluorobiphenyl	30.94	50.00	62	88-130	*
S06 2,4,6-Tribromoph	49.11	100.00	49	86-134	*
S07 p-Terphenyl-d14	22.79	50.00	46	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0366 ^W0354

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4099	1785	3569	7138	OK
S21 Naphthalene-d8	23422	10468	20935	41870	OK
S22 Acenaphthene-d10	20131	8911	17822	35644	OK
S23 Phenanthrene-d10	49350	20142	40283	80566	OK
S24 Chrysene-d12	65756	25378	50756	101512	OK
S25 Perylene-d12	73102	29317	58633	117266	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.15	6.66	7.16	7.66	OK
S21 Naphthalene-d8	10.34	9.86	10.36	10.86	OK
S22 Acenaphthene-d10	14.69	14.20	14.70	15.20	OK
S23 Phenanthrene-d10	18.32	17.83	18.33	18.83	OK
S24 Chrysene-d12	24.84	24.35	24.85	25.35	OK
S25 Perylene-d12	28.23	27.73	28.23	28.73	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >W0367 QUANT DATE: 9401132342 INJ TIME: 9401132307
SAMPLE NAME: SJ 70148 LPVLFAHCP
MISC: 1000G940107 931230 IS#14 SUR#A BTL#13
LASTEDIT FILE TIME: 11:44 PM THU., 13 JAN., 1994

ANALYZED BY:_____ VERIFIED BY:_____

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	41.64	2		42
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	ND	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	39.45	2		39
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	ND	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	29.25	3		29
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND		3	< 3
838	Naphthalene	ND		2	< 2
839	Nitrobenzene	ND		2	< 2
840	N-Nitrosodimethylamine	ND		30	< 30
841	N-Nitroso-di-n-propylamine	39.86		2	40
842	Phenanthrene	ND		1	< 1
843	Pyrene	44.36		2	44
844	1,2,3,4-TCDD (2,3,7,8)	ND		3	< 3
845	2-Chlorophenol	39.24		8	39
846	1,2,4-Trichlorobenzene	43.44		3	43
847	2,4-Dichlorophenol	ND		3	< 3
848	2,4-Dimethylphenol	ND		3	< 3
849	2,4-Dinitrophenol	ND		39	< 39
850	2-Methyl-4,6-dinitrophenol	ND		17	< 17
851	2-Nitrophenol	ND		5	< 5
852	4-Nitrophenol	23.83	FP	6	< 6
853	4-Chloro-3-methylphenol	43.22		2	43
854	Pentachlorophenol	28.50		16	28
855	Phenol	21.65		3	22
856	2,4,6-Trichlorophenol	ND		2	< 2
857	N-Nitrosodiphenylamine	ND		2	< 2

==========NOTE==========

DATA FILE: >W0367 SAMPLE NAME: SJ 70148 LPVLFAHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >W0363 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	<0.1	100.00	0	42-120	*
S02 Phenol-d5	26.60	100.00	27	37-115	*
S03 Nitrobenzene-d5	20.66	50.00	41	71-107	*
S04 Decafluorobiphen	21.00	50.00	42	------	OK
S05 2-Fluorobiphenyl	27.64	50.00	55	88-130	*
S06 2,4,6-Tribromoph	54.25	100.00	54	86-134	*
S07 p-Terphenyl-d14	22.93	50.00	46	49-121	*

Initial Volume is 1000 ML

DATA FILE: ^W0367 ^W0354

SAMPLE |--------STANDARD----------|

INTERNAL STANDARD	AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	4499	1785	3569	7138	OK
S21 Naphthalene-d8	26408	10468	20935	41870	OK
S22 Acenaphthene-d10	21320	8911	17822	35644	OK
S23 Phenanthrene-d10	51446	20142	40283	80566	OK
S24 Chrysene-d12	66943	25378	50756	101512	OK
S25 Perylene-d12	74029	29317	58633	117266	OK

	SAMPLE	I--------STANDARD----------I			
INTERNAL STANDARD	RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.16	6.66	7.16	7.66	OK
S21 Naphthalene-d8	10.34	9.86	10.36	10.86	OK
S22 Acenaphthene-d10	14.69	14.20	14.70	15.20	OK
S23 Phenanthrene-d10	18.32	17.83	18.33	18.83	OK
S24 Chrysene-d12	24.84	24.35	24.85	25.35	OK
S25 Perylene-d12	28.23	27.73	28.23	28.73	OK

NOTES TO THE USERS: BNA TO BE RESET

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5084 QUANT DATE: 9401131809 INJ TIME: 9401131733
SAMPLE NAME: SJ 70150 LPVLFHCP
MISC: 1000G940107 940103 IS#14 SUR#28 BTL# 9
LASTEDIT FILE TIME: 6:12 PM THU., 13 JAN., 1994

ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.10*FP	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.61 FP	3	<	3
825	Di-n-butylphthalate	1.93*	4		2*
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >U5084 SAMPLE NAME: SJ 70150 LPVLFHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5080 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

825 Di-n-butylphthalate 1 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	28.14	100.00	28	42-120	*
S02 Phenol-d5	43.21	100.00	43	37-115	OK
S03 Nitrobenzene-d5	39.06	50.00	78	71-107	OK
S04 Decafluorobiphen	37.44	50.00	75	------	OK
S05 2-Fluorobiphenyl	49.48	50.00	99	88-130	OK
S06 2,4,6-Tribromoph	81.19	100.00	81	86-134	*
S07 p-Terphenyl-d14	31.17	50.00	62	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5084 ^U5075

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	33634	21121	42241	84482	OK
S21 Naphthalene-d8	135016	97627	195254	390508	OK
S22 Acenaphthene-d10	82890	58757	117514	235028	OK
S23 Phenanthrene-d10	163064	113108	226216	452432	OK
S24 Chrysene-d12	180379	113121	226242	452484	OK
S25 Perylene-d12	189242	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.50	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.66	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	14.99	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.57	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.13	24.65	25.15	25.65	OK
S25 Perylene-d12	28.62	28.16	28.66	29.16	OK

NOTES TO THE USERS: REPORT AND RESET.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5085 QUANT DATE: 9401131900 INJ TIME: 9401131824
SAMPLE NAME: SJ 70151 LPVLFHCP
MISC: 1000G940107 940103 IS#14 SUR#28 BTL#10
LASTEDIT FILE TIME: 7:03 PM THU., 13 JAN., 1994
ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.32*	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.62 FP	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837	Isophorone	ND		3	< 3
838	Naphthalene	ND		2	< 2
839	Nitrobenzene	ND		2	< 2
840	N-Nitrosodimethylamine	ND		30	< 30
841	N-Nitroso-di-n-propylamine	ND		2	< 2
842	Phenanthrene	ND		1	< 1
843	Pyrene	ND		2	< 2
844	1,2,3,4-TCDD (2,3,7,8)	ND		3	< 3
845	2-Chlorophenol	ND		8	< 8
846	1,2,4-Trichlorobenzene	ND		3	< 3
847	2,4-Dichlorophenol	ND		3	< 3
848	2,4-Dimethylphenol	ND		3	< 3
849	2,4-Dinitrophenol	ND		39	< 39
850	2-Methyl-4,6-dinitrophenol	ND		17	< 17
851	2-Nitrophenol	ND		5	< 5
852	4-Nitrophenol	ND		6	< 6
853	4-Chloro-3-methylphenol	ND		2	< 2
854	Pentachlorophenol	ND		16	< 16
855	Phenol	ND		3	< 3
856	2,4,6-Trichlorophenol	ND		2	< 2
857	N-Nitrosodiphenylamine	ND		2	< 2

==========NOTE==========

DATA FILE: >U5085 SAMPLE NAME: SJ 70151 LPVLFHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5080 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

825 Di-n-butylphthalate 1 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	21.54	100.00	22	42-120	*
S02 Phenol-d5	34.61	100.00	35	37-115	*
S03 Nitrobenzene-d5	36.99	50.00	74	71-107	OK
S04 Decafluorobiphen	37.28	50.00	75	------	OK
S05 2-Fluorobiphenyl	50.92	50.00	102	88-130	OK
S06 2,4,6-Tribromoph	82.80	100.00	83	86-134	*
S07 p-Terphenyl-d14	32.33	50.00	65	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5085 ^U5075

INTERNAL STANDARD	SAMPLE AREA	STANDARD 1/2 X AREA	STANDARD AREA	STANDARD 2X AREA	MRK
S20 1,4-Dichlorobenzen	34072	21121	42241	84482	OK
S21 Naphthalene-d8	135748	97627	195254	390508	OK
S22 Acenaphthene-d10	84380	58757	117514	235028	OK
S23 Phenanthrene-d10	165830	113108	226216	452432	OK
S24 Chrysene-d12	174666	113121	226242	452484	OK
S25 Perylene-d12	194469	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	STANDARD RT-0.5 (MIN)	STANDARD RT (MIN)	STANDARD RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.48	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.64	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	15.00	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.58	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.13	24.65	25.15	25.65	OK
S25 Perylene-d12	28.62	28.16	28.66	29.16	OK

NOTES TO THE USERS: BNA TO BE RESET.

SAN JOSE CREEK WATER QUALITY LABORATORY

REPORT OF SAMPLE ANALYZED BY HP GC/MS

DATA FILE: >U5086 QUANT DATE: 9401131950 INJ TIME: 9401131914
SAMPLE NAME: SJ 70152 LPVLFHCP
MISC: 1000G940107 940103 IS#14 SUR#28 BTL#11
LASTEDIT FILE TIME: 7:52 PM THU., 13 JAN., 1994
ANALYZED BY: Rudi Schneider VERIFIED BY:

TEST CODE #	COMPOUND	AMOUNT FOUND IN SAMPLE (mg/kg)	METHOD DETECTION LIMIT (mg/kg)		IBM DATA ENTRY (mg/kg)
800	Acenaphthene	ND	2	<	2
801	Acenaphthylene	ND	2	<	2
802	Anthracene	ND	1	<	1
803	Benzidine	ND	62	<	62
804	Benzo(A)anthracene	ND	2	<	2
805	Benzo(A)pyrene	ND	7	<	7
806	Benzo(B)fluoranthene	ND	2	<	2
807	Benzo(G,H,I)perylene	ND	6	<	6
808	Benzo(K)fluoranthene	ND	2	<	2
809	Bis(2-chloroethoxy)methane	ND	3	<	3
810	Bis(2-chloroethyl)ether	ND	5	<	5
811	Bis(2chloroisopropyl)ether	ND	3	<	3
812	Bis(2-ethylhexyl)phthalate	.24*FP	10	<	10
813	4-Bromophenylphenylether	ND	9	<	9
814	Butylbenzylphthalate	ND	3	<	3
815	2-Chloronaphthalene	ND	1	<	1
816	4-Chlorophenylphenylether	ND	2	<	2
817	Chrysene	ND	2	<	2
818	Dibenzo(A,H)anthracene	ND	6	<	6
819	1,2-Dichlorobenzene	ND	10	<	10
820	1,3-Dichlorobenzene	ND	10	<	10
821	1,4-Dichlorobenzene	ND	2	<	2
822	3,3-Dichlorobenzidine	ND	100	<	100
823	Diethylphthalate	ND	2	<	2
824	Dimethylphthalate	4.69 FP	3	<	3
825	Di-n-butylphthalate	ND	4	<	4
826	2,4-Dinitrotoluene	ND	3	<	3
827	2,6-Dinitrotoluene	ND	5	<	5
828	Di-n-octylphthalate	ND	5	<	5
829	1,2-Diphenylhydrazine	ND	1	<	1
830	Fluoranthene	ND	2	<	2
831	Fluorene	ND	2	<	2
832	Hexachlorobenzene	ND	1	<	1
833	Hexachlorobutadiene	ND	10	<	10
834	Hexchlor1,3cyclopentadiene	ND	100	<	100
835	Hexachloroethane	ND	12	<	12
836	Indeno(1,2,3-CD)pyrene	ND	6	<	6

837 Isophorone	ND	3	<	3
838 Naphthalene	ND	2	<	2
839 Nitrobenzene	ND	2	<	2
840 N-Nitrosodimethylamine	ND	30	<	30
841 N-Nitroso-di-n-propylamine	ND	2	<	2
842 Phenanthrene	ND	1	<	1
843 Pyrene	ND	2	<	2
844 1,2,3,4-TCDD (2,3,7,8)	ND	3	<	3
845 2-Chlorophenol	ND	8	<	8
846 1,2,4-Trichlorobenzene	ND	3	<	3
847 2,4-Dichlorophenol	ND	3	<	3
848 2,4-Dimethylphenol	ND	3	<	3
849 2,4-Dinitrophenol	ND	39	<	39
850 2-Methyl-4,6-dinitrophenol	ND	17	<	17
851 2-Nitrophenol	ND	5	<	5
852 4-Nitrophenol	ND	6	<	6
853 4-Chloro-3-methylphenol	ND	2	<	2
854 Pentachlorophenol	ND	16	<	16
855 Phenol	ND	3	<	3
856 2,4,6-Trichlorophenol	ND	2	<	2
857 N-Nitrosodiphenylamine	ND	2	<	2

==========NOTE==========

DATA FILE: >U5086 SAMPLE NAME: SJ 70152 LPVLFHCP
EXTRACTION DATE: 01-07-94 INJECTION DATE: 01-13-94
* FOOTNOTE #37: 1 =< VALUE < MDL

BLANK DATA FILE: >U5080 SAMPLE NAME: SJ 01B07S BBLANK

FOOTNOTE #38 = BLANK CONTAMINANT:

825 Di-n-butylphthalate 1 ug/L

SURROGATES	AMOUNT FOUND IN SAMPLE (mg/kg)	AMOUNT SPKD IN SAMPLE (mg/kg)	RECV (%)	RECV RANGE (%)	MRK
S01 2-Fluorophenol	18.79	100.00	19	42-120	*
S02 Phenol-d5	32.03	100.00	32	37-115	*
S03 Nitrobenzene-d5	34.36	50.00	69	71-107	*
S04 Decafluorobiphen	35.55	50.00	71	------	OK
S05 2-Fluorobiphenyl	47.72	50.00	95	88-130	OK
S06 2,4,6-Tribromoph	88.32	100.00	88	86-134	OK
S07 p-Terphenyl-d14	34.00	50.00	68	49-121	OK

Initial Volume is 1000 ML

DATA FILE: ^U5086 ^U5075

INTERNAL STANDARD	SAMPLE AREA	1/2 X AREA	AREA	2X AREA	MRK
S20 1,4-Dichlorobenzen	35503	21121	42241	84482	OK
S21 Naphthalene-d8	141493	97627	195254	390508	OK
S22 Acenaphthene-d10	89764	58757	117514	235028	OK
S23 Phenanthrene-d10	172595	113108	226216	452432	OK
S24 Chrysene-d12	179308	113121	226242	452484	OK
S25 Perylene-d12	194385	123815	247630	495260	OK

INTERNAL STANDARD	SAMPLE RT (MIN)	RT-0.5 (MIN)	RT (MIN)	RT+0.5 (MIN)	MRK
S20 1,4-Dichlorobenzen	7.48	6.99	7.49	7.99	OK
S21 Naphthalene-d8	10.64	10.17	10.67	11.17	OK
S22 Acenaphthene-d10	15.00	14.51	15.01	15.51	OK
S23 Phenanthrene-d10	18.58	18.09	18.59	19.09	OK
S24 Chrysene-d12	25.13	24.65	25.15	25.65	OK
S25 Perylene-d12	28.62	28.16	28.66	29.16	OK

NOTES TO THE USERS: REPORT AND RESET.