

REPORT OF ANALYSIS
OF SOIL SAMPLES
FOR PRIORITY POLLUTANT CONTAMINANTS
AT
U.S.C.G. STATION WILLETS POINT
FORT TOTTEN, QUEENS, NY 11359

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96-625

(C) 1996

OCTOBER 16, 1996

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**SHAPIRO ENGINEERING, P.C.
CHARLES M. SHAPIRO INCORPORATED**

96-625

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OCTOBER 15, 1996

U.S.C.G., CEU Providence
300 Metro Center Blvd.
Warwick, R.I. 02886

Attn. : Rachel Marino

- REF 1) U.S.C.G. STATION, WILLETS POINT
FORT TOTTEN, QUEENS, N.Y. 11359
- 2) COLLECTION AND ANALYSIS OF 15 SOIL
SAMPLES FOR PRIORITY POLLUTANTS
- 3) PO #DTCGG1-96-N-3RX067, REQ #2496G163RX067

Dear Ms. Marino:

The above mentioned samples were analyzed for the EPA Priority Pollutant List (126) compounds.
The Summary Tables of Analysis are enclosed.

Also enclosed is the Chain of Custody Sheet, as well as the Analytical Support Documentation.

Yours truly,

CHARLES M. SHAPIRO INCORPORATED

ROBERT A. LoPINTO, P.E.

LZ:RAL
ENC.

NEW YORK STATE ENVIRONMENTAL LABORATORY # 10667

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE #1

SAMPLE NO.: 1 DESCRIPTION: SOIL SAMPLE- 1 ST BASE 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	7.09
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.035
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	9.5
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	47.84	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.92	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPOXYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	2.63
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	9.18
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.46
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.91
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	18.84	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	7.39	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	1.489	D-BHC	<0.31	VINYL CHLORIDE	<0.10
1,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	34.67
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

--

= NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 2

SAMPLE NO.: 2 DESCRIPTION: SOIL SAMPLE- 1 ST BASE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	20.94
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	8.79
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	30.81	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	4.23	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.29
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.48
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	20.27	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	4.4	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	1.664	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	28.92
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

-- = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 3

SAMPLE NO.: 3 DESCRIPTION: SOIL SAMPLE- 1 ST BASE 3-6 INCHES BELOW GRADECLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	39.18
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	13.64
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	26.45	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.6	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.58
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	3.13
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.07
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.92
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	20.91	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	9.41	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	42.02
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND — = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 4

SAMPLE NO.: 4 DESCRIPTION: SOIL SAMPLE- 2 ND BASE 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.26
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	9.150
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	35.08	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.18	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.3	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	2.37
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.33
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	18.89	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	3.89	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	26.78
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

= NOT TESTED

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 5

SAMPLE NO.: 5 DESCRIPTION: SOIL SAMPLE- 2 ND BASE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	10.2
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	7.98
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	17.9	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.63	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLORBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.08	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXYS METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	3.41
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	14.83	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	2.89	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
YANIDE	1.314	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	23.37
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND — = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 6

SAMPLE NO.: 6 DESCRIPTION: SOIL SAMPLE- 2 ND BASE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	31.64
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.026
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.78
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	13.58	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	0.99	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLORBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPOXYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	5.43
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.07
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	18.89	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	7.92	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.526	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXAChLOROCYCLOPENTADIENE	<0.12	ZINC	38.89
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 7

SAMPLE NO.: 7 DESCRIPTION: SOIL SAMPLE- THIRD BASE 0-1 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	19.42
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.026
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.78
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	35.13	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.12	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.12
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	22.34	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	6.92	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.264	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	36.65
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 8

SAMPLE NO.: 8 DESCRIPTION: SOIL SAMPLE- 3 RD BASE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	78.57
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.074
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	12.054
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	17.91	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.59	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	0.32	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.63	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	7.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	0.25
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.4
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	0.26	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	3.41
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	33.56	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	13.96	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.701	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	75.09
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

--

= NOT TESTED

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 9

SAMPLE NO.: 9 DESCRIPTION: SOIL SAMPLE- 3 RD BASE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	108.15
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.064
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	12.15
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	4.94	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.66	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPOXYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	5.21
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.07
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	27.17	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	16.45	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	77.6
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND — = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 10

SAMPLE NO.: 10 DESCRIPTION: SOIL SAMPLE- HOME PLATE 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	10.19
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.77
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	13.57	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.58	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.53
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXAChLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXAChLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXAChLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	25.09	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	6.41	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.264	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXAChLOROCYCLOPENTADIENE	<0.12	ZINC	43.41
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 11 - A

SAMPLE NO.: 11 DESCRIPTION: SOIL SAMPLE- HOME PLATE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.:96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	7.1
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	24.1
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.24	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.8	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
CERIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.30
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.74
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.86
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.92
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXAChLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXAChLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXAChLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	19.54	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	13.92	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
/ANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
^ 4-DDT	<0.47	HEXAChLOROCYCLOPENTADIENE	<0.12	ZINC	55.15
-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND -- = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE #11 - B

SAMPLE NO.: 11 (DUP) DESCRIPTION: SOIL SAMPLE- HOME PLATE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	11.73
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.0449
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.65
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	17.891	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.91	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	15.02
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.33
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM	21.64	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	6.91	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	40.79
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

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= NOT TESTED

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 12

SAMPLE NO.: 12 DESCRIPTION: SOIL SAMPLE- HOME PLATE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	10.18
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.27
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.26	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	0.31	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	4.08	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLORBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	0.70	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPOXYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	0.72	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	6.42
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	1.57
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	73.93
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXYS METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	0.25
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.330
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	0.40	TOLUENE	<0.10
2-CHLORONAPHTHALENE	0.28	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	16.84	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	0.53	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	2.88	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	36.82
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND -- = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 13

SAMPLE NO.: 13 DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.26
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.026
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.39
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.25	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	0.22	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.71	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	1.49
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	2.00	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	0.64	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	3.80
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	1.00
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	48.80
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.87
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	23.0	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	5.4	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	3.26
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXAChLOROCYCLOPENTADIENE	<0.12	ZINC	32.75
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

6

= NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 14 - A

SAMPLE NO.: 14 DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 1-3 INCHES BELOW GRADE
 CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.24
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.035
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.63
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	30.75	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.86	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.30	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	<0.25
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.660
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.730
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.92
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	22.28	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	5.98	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
YANIDE	0.526	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	32.71
4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND — = NOT TESTED

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 14 - B

SAMPLE NO.: 14 (DUP) DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	8.66
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.0545
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	13.68
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.27	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.68	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.27
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.25
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.40
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXAChLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXAChLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXAChLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	32.14	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	6.42	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.26	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXAChLOROCYCLOPENTADIENE	<0.12	ZINC	33.88
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION

= DETECTED COMPOUND

—

= NOT TESTED

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 15

SAMPLE NO.: 15 DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 3-6 INCHES BELOW GRADE
 CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	8.650
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.27
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	26.5	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	2.11	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPOXYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMUM	0.30	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.62
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	5.84
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.930
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.930
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	25.09	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	3.89	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
1,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	33.700
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

KEY: UG/G = PARTS PER MILLION = DETECTED COMPOUND -- = NOT TESTED

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

96-625

U.S.C.G.S. WILLETS POINT, N.Y.

SOIL SAMPLE COLLECTION

Soil Samples were collected at the Fort Totten Ball Feild #1 from First, Second and Third Base, Home Plate and the Pitchers Mound. A composite sample from a discrete one (1) square meter was collected at 0-1, 1-3 and 3-6 inches below grade at each location. Additionally, two (2) duplicate samples were collected at Home Plate, 1-3 inches below grade and at the Pitchers Mound 1-3 inches below grade. The soil samples were collected in glass jars, sealed, preserved in a cooler and delivered to the Laboratory. Upon receipt of the samples at the Laboratory, the samples were refrigerated at 4 degrees Celcius until analyzed.

SAMPLE PRESERVATION AND ANALYTICAL PROCEDURESVOLATILES

Samples were refrigerated at a temperature of 4 Degrees Celsius upon receipt at the Laboratory. Samples were analyzed for Volatiles using U.S.E.P.A. SW-846 Method #8260 "Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS) : Capillary Column Technique." Samples were analyzed by means of a Perkin- Elmer Model #8500 Gas Chromatograph utilizing a Restek Fused silica 0.53 mm x 30 M Capillary Column and equipped with a Finnigan Ion Trap Mass Spectrometer, a Valco Purge and Trap System with a Dynatech Precision Sampling PTA-30 WS Auto Sampler capable of running Water and Soil Samples, and a Finnigan Incos Data System.

SEMI - VOLATILES

Samples were refrigerated at a temperature of 4 Degrees Celsius upon receipt at the Laboratory. Soil Samples were extracted using U.S.E.P.A. SW-846 Method # 3540B "Soxhlet Extraction". Samples were analyzed using U.S.E.P.A. SW-846 Method #8250 "Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) Capillary Column Technique." Samples were analyzed by means of a Perkin-Elmer Model #8500 Gas Chromatograph utilizing a Restek XTI-5 0.53 mm x 105M Capillary Column equipped with a Finnigan Ion Trap Mass Spectrometer, a Dynatech Precision Sampling Direct Injection Auto-Sampler, and a Finnigan Incos Data System.

SAMPLE PRESERVATION AND ANALYTICAL PROCEDURESMETALS

Samples were refrigerated at a temperature of 4 Degrees Celsius upon receipt at the Laboratory. The soil samples were digested for Metals Analysis using U.S.E.P.A. SW-Method #3050 "Acid Digestion". Samples were analyzed following Digestion using a Varian Model AA-20 Dual Beam Atomic Absorption Spectrometer following U.S.E.P.A. SW-846 700 Series Method "Flame AA Technique" except for Mercury, Arsenic and Selenium. Mercury was analyzed using the 7000 Series(Cold Vapor) Method. Arsenic and Selenium were Analyzed using the 7000 Series (Gaseous Hydride) Method.

CYANIDE

Samples were refrigerated at a temperature of 4 Degrees Celsius upon receipt at the Laboratory. Soil Samples were Extracted for Cyanide analysis using EPA SW-846 Method # 9013. The Samples were then Distilled using Standard Methods for the Examination of Waste Water (18th. Edition) Method # 4500-CN-C "Total Cyanide Distillation Analysis was performed on a Baush & Lomb Spectronic 21 Visual Range Spectrometer using Standard Methods for the Examination of Waste Water (18th. Edition) Method #4500-CN-E "Total Cyanide Analysis" (Colorimetric).

96-625

U.S.C.G.S. WILLETS POINT N.Y.

LABORATORY DATA SHEETS, METALS

(516) 791-2300

**CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581**

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

SHEET NO. 1 OF 2

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

LAB NO. 3512

RUN BY: LZ DATE: 9/18/96

JOB NO. 96-625

CHECKED BY: 11 DATE: 10/1/96**ANTIMONY ANALYSIS SHEET**

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 217.6

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION**CALIBRATION DATA**

PPM	ABSORBANCE
0.00	0.000
1.20	0.019
3.60	0.042
6.00	0.075
12.00	0.148
18.00	0.232

R= 0.9997

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			< 0.01	PPM
#1	0.013	100.00	2.00809	47.84	ug/g
#2	0.009	100.00	2.00212	30.81	ug/g
#3	0.008	100.00	2.00639	26.45	ug/g
#4	0.010	100.00	2.00334	35.08	ug/g
#5	0.006	100.00	2.00111	17.90	ug/g
#6	0.005	100.00	2.00239	13.58	ug/g
#7	0.010	100.00	2.00100	35.13	ug/g
#8	0.006	100.00	2.00000	17.91	ug/g
#9	0.003	100.00	2.00349	4.94	ug/g

LARRY ZEMAN

SIGNATURE 

9/18/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
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181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/18/96

CHECKED BY: TM DATE: 10/11/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

ANTIMONY ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 217.6

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPM	ABSORBANCE
0.00	0.000
1.20	0.019
3.60	0.042
6.00	0.075
12.00	0.148
18.00	0.232

R= 0.9997

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 0.01	PPB
#10	0.005	100.00	2.00269	13.57	ug/g
#11	0.004	100.00	2.00621	9.24	ug/g
#11DUP	0.006	100.00	2.00226	17.89	ug/g
#12	0.004	100.00	2.00327	9.26	ug/g
#13	0.004	100.00	2.00379	9.25	ug/g
#14	0.009	100.00	2.00607	30.75	ug/g
#14DUP	0.004	100.00	2.00000	9.27	ug/g
#15	0.008	100.00	2.00276	26.50	ug/g
REF=6.0 PPM	0.076			6.224	PPM

LARRY ZEMAN
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9/18/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: L.Z DATE: 9/20/96

CHECKED BY: *JP* DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

ARSENIC ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 193.7

SLIT: 0.5 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

M= -0.2252
B= 37.3884
R= 0.9988

ML. ALIQUOT = 10

PPB	ABSORBANCE
0.00	0.000
1.00	0.025
2.50	0.094
5.00	0.129
15.00	0.351
25.00	0.560

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#1	0.447	0.20	2.00809	0.04	ug/g
#2	0.484	0.40	2.00212	1.92	ug/g
#3	0.381	0.20	2.00639	4.23	ug/g
#4	0.291	0.20	2.00334	1.60	ug/g
#5	0.386	0.20	2.00111	1.18	ug/g
#6	0.248	0.20	2.00239	1.63	ug/g
#7	0.276	0.20	2.00100	0.99	ug/g
#8	0.378	0.20	2.00000	1.12	ug/g
#9	0.392	0.20	2.00349	1.59	ug/g
				1.66	ug/g

LARRY ZEMAN
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9/20/96

DATE

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RUN BY: L.Z DATE: 9/20/96

CHECKED BY: JV DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

ARSENIC ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 193.7

SLIT: 0.5 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
1.00	0.025
2.50	0.094
5.00	0.129
15.00	0.351
25.00	0.560

M= -0.2252
B= 37.3884
R= 0.9988

ML. ALIQUOT = 10

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 0.04	PPB
#10	0.376	0.20	2.00269	1.58	ug/g
#11	0.421	0.20	2.00621	1.80	ug/g
#11DUP	0.443	0.20	2.00226	1.91	ug/g
#12	0.470	0.40	2.00327	4.08	ug/g
#13	0.404	0.20	2.00379	1.71	ug/g
#14	0.435	0.20	2.00607	1.86	ug/g
#14DUP	0.396	0.20	2.00000	1.68	ug/g
#15	0.483	0.20	2.00276	2.11	ug/g
REF= 25 PPB	0.569			25.608	PPB

LARRY ZEMAN
SIGNATURE

9/20/96
DATE

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RUN BY: L.Z DATE: 9/18/96

CHECKED BY: TM DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

BERYLLIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: N2O/ACETYLENE

BURNER: 5 CM. SINGLE SLOT

WAVELENGTH = 234.9

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
120.00	0.033
360.00	0.094
600.00	0.174
1200.00	0.348
1800.00	0.516

R= 0.9998

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 14.15	PPB
#1	0.004	0.10	2.00809	1.22	ug/g
#2	0.004	0.10	2.00212	1.22	ug/g
#3	0.003	0.10	2.00639	1.05	ug/g
#4	0.003	0.10	2.00334	1.05	ug/g
#5	0.003	0.10	2.00111	1.05	ug/g
#6	0.003	0.10	2.00239	1.05	ug/g
#7	0.003	0.10	2.00100	1.05	ug/g
#8	0.003	0.10	2.00000	1.05	ug/g
#9	0.003	0.10	2.00349	1.05	ug/g

LARRY ZEMAN

SIGNATURE

9/18/96

DATE

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RUN BY: L.Z DATE: 9/18/96

CHECKED BY: TM DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

BERYLLIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: N₂O/ACETYLENE

BURNER: 5 CM. SINGLE SLOT

WAVELENGTH = 234.9

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
120.00	0.033
360.00	0.094
600.00	0.174
1200.00	0.348
1800.00	0.516

R= 0.9998

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#10	0.004	0.10	2.00269	14.15	ug/g
#11	0.003	0.10	2.00621	1.22	ug/g
#11DUP	0.003	0.10	2.00226	1.05	ug/g
#12	0.003	0.10	2.00327	1.05	ug/g
#13	0.004	0.10	2.00379	1.22	ug/g
#14	0.004	0.10	2.00607	1.22	ug/g
#14DUP	0.003	0.10	2.00000	1.05	ug/g
#15	0.003	0.10	2.00276	1.05	ug/g
REF= 600	0.175			611.190	PPB

LARRY ZEMAN

SIGNATURE

9/18/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ

DATE: 9/10/96

CHECKED BY: *TP*

DATE: 10/11/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

CADMIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 228.8

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
30.00	0.014
60.00	0.029
120.00	0.059
360.00	0.160
600.00	0.268

R= 0.9998

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#1	0.005	0.10	2.00809	1.54	ug/g
#2	0.005	0.10	2.00212	0.41	ug/g
#3	0.006	0.10	2.00639	0.41	ug/g
#4	0.004	0.10	2.00334	0.52	ug/g
#5	0.002	0.10	2.00111	0.30	ug/g
#6	0.006	0.10	2.00239	0.08	ug/g
#7	0.006	0.10	2.00100	0.52	ug/g
#8	0.007	0.10	2.00000	0.52	ug/g
#9	0.006	0.10	2.00349	0.63	ug/g
				0.52	ug/g

LARRY ZEMAN
SIGNATURE

Larry Zeman
9/10/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

**CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581**

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ

DATE: 9/10/96

CHECKED BY: *(Signature)*

DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

CADMIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 228.8

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION**CALIBRATION DATA**

PPB	ABSORBANCE
0.00	0.000
30.00	0.014
60.00	0.029
120.00	0.059
360.00	0.160
600.00	0.268

R= 0.9998

ML. ALiquOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#10	0.005	0.10	2.00269	1.54	ug/g
#11	0.005	0.10	2.00621	0.41	ug/g
#11DUP	0.005	0.10	2.00226	0.41	ug/g
#12	0.005	0.10	2.00327	0.41	ug/g
#13	0.006	0.10	2.00379	0.52	ug/g
#14	0.004	0.10	2.00607	0.30	ug/g
#14DUP	0.005	0.10	2.00000	0.41	ug/g
#15	0.004	0.10	2.00276	0.30	ug/g
REF 600 PPB	0.253			566.983	PPB

LARRY ZEMAN
SIGNATURE

9/10/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
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181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

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CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/10/96

CHECKED BY: TD DATE: 10/11/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

CHROMIUM (T) ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: N2O/ACETYLENE

BURNER: 5 CM. SINGLE SLOT

WAVELENGTH = 357.9

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
100.00	0.008
300.00	0.024
500.00	0.039
1000.00	0.071
1500.00	0.106

R= 0.9997

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			<	PPB
#1	0.029	0.10	2.00809	5.57	ug/g
#2	0.031	0.10	2.00212	18.84	ug/g
#3	0.032	0.10	2.00639	20.27	ug/g
#4	0.029	0.10	2.00334	20.91	ug/g
#5	0.023	0.10	2.00111	18.89	ug/g
#6	0.029	0.10	2.00239	14.83	ug/g
#7	0.034	0.10	2.00100	18.89	ug/g
#8	0.050	0.10	2.00000	22.34	ug/g
#9	0.041	0.10	2.00349	33.56	ug/g
				27.17	ug/g

LARRY ZEMAN
SIGNATURE

9/10/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

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181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/10/96

CHECKED BY: (JL) DATE: 10/11/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

CHROMIUM (T) ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: N₂O/ACETYLENE

BURNER: 5 CM. SINGLE SLOT

WAVELENGTH = 357.9

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
100.00	0.008
300.00	0.024
500.00	0.039
1000.00	0.071
1500.00	0.106

R= 0.9997

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			< 5.57	PPB
#10	0.038	0.10	2.00269	25.09	ug/g
#11	0.030	0.10	2.00621	19.54	ug/g
#11DUP	0.033	0.10	2.00226	21.64	ug/g
#12	0.026	0.10	2.00327	16.84	ug/g
#13	0.035	0.10	2.00379	23.00	ug/g
#14	0.034	0.10	2.00607	22.28	ug/g
#14DUP	0.048	0.10	2.00000	32.14	ug/g
#15	0.038	0.10	2.00276	25.09	ug/g
REF 500 PPB	0.038			502.480	PPB

LARRY ZEMAN
SIGNATURE

9/10/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

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CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ

DATE: 9/13/96

CHECKED BY: *OP*

DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

COPPER ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 324.7

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.021
600.00	0.053
1000.00	0.095
2000.00	0.205
3000.00	0.300

R= 0.9994

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#1	0.013	0.10	2.00809	27.48	ug/g
#2	0.007	0.10	2.00212	7.39	ug/g
#3	0.017	0.10	2.00639	4.40	ug/g
#4	0.006	0.10	2.00334	9.41	ug/g
#5	0.004	0.10	2.00111	3.89	ug/g
#6	0.014	0.10	2.00239	2.89	ug/g
#7	0.012	0.10	2.00100	7.92	ug/g
#8	0.026	0.10	2.00000	6.92	ug/g
#9	0.031	0.10	2.00349	13.96	ug/g
				16.45	ug/g

LARRY ZEMAN

SIGNATURE



9/13/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

SHEET NO. 2 OF 2

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

LAB NO. 3512

RUN BY: LZ DATE: 9/13/96

JOB NO. 96-625

CHECKED BY: *Tk* DATE: 10/11/96

COPPER ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 324.7

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.021
600.00	0.053
1000.00	0.095
2000.00	0.205
3000.00	0.300

R= 0.9994

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 27.48	PPB
#10	0.011	0.10	2.00269	6.41	ug/g
#11	0.026	0.10	2.00621	13.92	ug/g
#11DUP	0.012	0.10	2.00226	6.91	ug/g
#12	0.004	0.10	2.00327	2.88	ug/g
#13	0.009	0.10	2.00379	5.40	ug/g
#14	0.010	0.10	2.00607	5.89	ug/g
#14DUP	0.011	0.10	2.00000	6.42	ug/g
#15	0.006	0.10	2.00276	3.89	ug/g
REF 1000 PPB	0.095			969.478	PPB

LARRY ZEMAN
SIGNATURE

9/13/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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RUN BY: L.Z DATE: 9/13/96

CHECKED BY: D DATE: 10/11/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

CYANIDE (T) ANALYSIS SHEET

INSTRUMENT: BAUSCH & LOMB SPECTRONIC 21 VISUAL WAVELENGTH SPECTROMETER

WAVELENGTH: 578 nm

SENSITIVITY: MEDIUM

METHOD: STANDARD METHODS, 16TH EDITION, METHOD # 412D

WEIGHT OF SAMPLE EXTRACTED = 25 GMS.

VOLUME OF SAMPLE USED IN THE DISTILLATION = 100 ML.

VOLUME OF ABSORBING SOLUTION FROM DISTILLATION = 100 ML.

CALIBRATION DATA

ug CN	ABSORBANCE
0.000	0.000
0.500	0.049
0.800	0.069
2.000	0.181
4.000	0.350
6.000	0.555

ML. ALIQUOT = 100

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	ML. ABSORBING SOLUTION USED	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000		5	< 0.004	MG/L
#1	0.015	40.00	5	1.489	MG/KG
#2	0.017	40.00	5	1.664	MG/KG
#3	0.000	40.00	5	0.176	MG/KG
#4	0.000	40.00	5	0.176	MG/KG
#5	0.013	40.00	5	1.314	MG/KG
#6	0.004	40.00	5	0.526	MG/KG
#7	0.001	40.00	5	0.264	MG/KG
#8	0.006	40.00	5	0.701	MG/KG
#9	0.000	40.00	5	0.176	MG/KG

CN MG/L = UG CN READ FROM CALIBRATION CURVE X DILUTION FACTOR / ML. OF ABSORBING SOL. USED

LARRY ZEMAN

SIGNATURE

9/13/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
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FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: L.Z DATE: 9/13/96

CHECKED BY: *JP* DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

CYANIDE (T) ANALYSIS SHEET

INSTRUMENT: BAUSCH & LOMB SPECTRONIC 21 VISUAL WAVELENGTH SPECTROMETER

WAVELENGTH: 578 nm

SENSITIVITY: MEDIUM

METHOD: STANDARD METHODS, 16TH EDITION, METHOD # 412D

WEIGHT OF SAMPLE EXTRACTED = 25 GMS.

VOLUME OF SAMPLE USED IN THE DISTILLATION = 100 ML.

VOLUME OF ABSORBING SOLUTION FROM DISTILLATION = 100 ML.

CALIBRATION DATA

	ug CN	ABSORBANCE
M=	0.0940	0.000
B=	0.1966	0.500
R=	0.9994	0.800
ML. ALIQUOT = 100		2.000
		4.000
		6.000

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	ML. ABSORBING SOLUTION USED	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000		5	< 0.004	MG/L
#10	0.001	40.00	5	0.264	MG/KG
#11	0.000	40.00	5	0.176	MG/KG
#11DUP	0.000	40.00	5	0.176	MG/KG
#12	0.000	40.00	5	0.176	MG/KG
#13	0.000	40.00	5	0.176	MG/KG
#14	0.004	40.00	5	0.526	MG/KG
#14DUP	0.004	40.00	5	0.526	MG/KG
#15	0.000	40.00	5	0.176	MG/KG
REF = 1.0 MG/L	0.262		3	0.962	MG/L

CN MG/L = UG CN READ FROM CALIBRATION CURVE X DILUTION FACTOR / ML. OF ABSORBING SOL. USED

LARRY ZEMAN

SIGNATURE

Larry Zeman
9/13/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/13/96

CHECKED BY: TM DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

LEAD ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 217.0

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.013
600.00	0.021
1000.00	0.035
2000.00	0.067
3000.00	0.103

R= 0.9982

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 18.80	PPB
#1	0.007	0.10	2.00809	7.09	ug/g
#2	0.016	0.10	2.00212	20.94	ug/g
#3	0.028	0.10	2.00639	39.18	ug/g
#4	0.011	0.10	2.00334	13.26	ug/g
#5	0.009	0.10	2.00111	10.20	ug/g
#6	0.023	0.10	2.00239	31.64	ug/g
#7	0.015	0.10	2.00100	19.42	ug/g
#8	0.054	0.10	2.00000	78.57	ug/g
#9	0.074	0.10	2.00349	108.15	ug/g

LARRY ZEMAN
SIGNATURE

9/13/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
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FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/13/96

CHECKED BY: *JP* DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

LEAD ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 217.0

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.013
600.00	0.021
1000.00	0.035
2000.00	0.067
3000.00	0.103

R= 0.9982

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			<	18.80 PPB
#10	0.009	0.10	2.00269	10.19	ug/g
#11	0.007	0.10	2.00621	7.10	ug/g
#11DUP	0.010	0.10	2.00226	11.73	ug/g
#12	0.009	0.10	2.00327	10.18	ug/g
#13	0.011	0.10	2.00379	13.26	ug/g
#14	0.011	0.10	2.00607	13.24	ug/g
#14DUP	0.008	0.10	2.00000	8.66	ug/g
#15	0.008	0.10	2.00276	8.65	ug/g
REF 1000 PPB	0.037			1059.360	PPB

LARRY ZEMAN
SIGNATURE

9/13/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
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181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/12/96

CHECKED BY: *gr* DATE: 10/11/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

MERCURY ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: NONE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 253.6

SLIT: 0.5 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

M= -0.0502
B= 189.0729
R= 0.9997
ML. ALIQUOT = 10

PPB	ABSORBANCE
0.00	0.000
5.00	0.026
10.00	0.051
20.00	0.100
30.00	0.139
40.00	0.184

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 0.1900	PPB
#1	0.004	0.10	2.00809	0.0353	ug/g
#2	0.002	0.10	2.00212	0.0164	ug/g
#3	0.000	0.10	2.00639	0.0069	ug/g
#4	0.000	0.10	2.00334	0.0069	ug/g
#5	0.000	0.10	2.00111	0.0069	ug/g
#6	0.003	0.10	2.00239	0.0259	ug/g
#7	0.004	0.10	2.00100	0.0354	ug/g
#8	0.008	0.10	2.00000	0.0736	ug/g
#9	0.007	0.10	2.00349	0.0640	ug/g

LARRY ZEMAN

SIGNATURE

Larry Z
9/12/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

CHARLES M. SHAPIRO INCORPORATED
ENVIRONMENTAL SERVICES LABORATORY
181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/12/96

CHECKED BY: *[Signature]* DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

MERCURY ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: NONE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 253.6

SLIT: 0.5 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

M= -0.0502
B= 189.0729
R= 0.9997

ML. ALIQUOT = 10

PPB	ABSORBANCE
0.00	0.000
5.00	0.026
10.00	0.051
20.00	0.100
30.00	0.139
40.00	0.184

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			< 0.1900	PPB
#10	0.002	0.10	2.00269	0.0164	ug/g
#11	0.002	0.10	2.00621	0.0164	ug/g
#11DUP	0.005	0.10	2.00226	0.0449	ug/g
#12	0.002	0.10	2.00327	0.0164	ug/g
#13	0.003	0.10	2.00379	0.0259	ug/g
#14	0.004	0.10	2.00607	0.0353	ug/g
#14DUP	0.006	0.10	2.00000	0.0545	ug/g
#15	0.000	0.10	2.00276	0.0069	ug/g
REF 10 PPB	0.044			8.5826	PPB

LARRY ZEMAN
SIGNATURE

9/12/96
DATE

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181 South Franklin Avenue, Suite 305, Valley Stream, NY 11581

FAX: (516) 791-5425

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SHEET NO. 1 OF 2

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

LAB NO. 3512

RUN BY: LZ DATE: 9/9/96

JOB NO. 96-625

CHECKED BY: (1) DATE: 10/1/96

NICKEL ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 232.0

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.024
600.00	0.074
1000.00	0.125
2000.00	0.231
3000.00	0.323

R= 0.9999

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 22.73	PPB
#1	0.024	0.10	2.00809	9.50	ug/g
#2	0.022	0.10	2.00212	8.79	ug/g
#3	0.035	0.10	2.00639	13.64	ug/g
#4	0.023	0.10	2.00334	9.15	ug/g
#5	0.019	0.10	2.00111	7.68	ug/g
#6	0.030	0.10	2.00239	11.78	ug/g
#7	0.030	0.10	2.00100	11.78	ug/g
#8	0.032	0.10	2.00000	12.54	ug/g
#9	0.031	0.10	2.00349	12.15	ug/g

LARRY ZEMAN
SIGNATURE

9/9/96
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RUN BY: LZ DATE: 9/9/96

CHECKED BY: (P) DATE: 10/1/96

SHEET NO. 2 OF 2
LAB NO. 3512
JOB NO. 96-625

NICKEL ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 232.0

SLIT: 0.2 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
200.00	0.024
600.00	0.074
1000.00	0.125
2000.00	0.231
3000.00	0.323

R= 0.9999

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#10	0.030	0.10	2.00269	22.73	ug/g
#11	0.062	0.10	2.00621	11.77	ug/g
#11DUP	0.027	0.10	2.00226	24.10	ug/g
#12	0.026	0.10	2.00327	10.65	ug/g
#13	0.029	0.10	2.00379	10.27	ug/g
#14	0.027	0.10	2.00607	11.39	ug/g
#14DUP	0.035	0.10	2.00000	10.63	ug/g
#15	0.026	0.10	2.00276	13.68	ug/g
REF 1000 PPB	0.120			10.27	ug/g
				965.867	PPB

LARRY ZEMAN
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9/9/96
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ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ

DATE: 9/19/96

CHECKED BY: *P* DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

SELENIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 195.9

SLIT: 1.0 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION**CALIBRATION DATA**

M= -0.0000
 B= 666.6667
 R= 1.0000

ML. ALIQUOT = 10

PPB	ABSORBANCE
0.00	0.000
2.00	0.003
4.00	0.006
6.00	0.009
8.00	0.012
12.00	0.018

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			< 0.67	PPB
#1	0.007	0.20	2.00809	0.46	ug/g
#2	0.003	0.20	2.00212	0.20	ug/g
#3	0.001	0.20	2.00639	0.07	ug/g
#4	0.005	0.20	2.00334	0.33	ug/g
#5	0.003	0.20	2.00111	0.20	ug/g
#6	0.001	0.20	2.00239	0.07	ug/g
#7	0.005	0.20	2.00100	0.33	ug/g
#8	0.006	0.20	2.00000	0.40	ug/g
#9	0.000	0.20	2.00349	< 0.07	ug/g

LARRY ZEMAN
SIGNATURE

9/19/96
DATE

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RUN BY: L.Z DATE: 9/19/96

CHECKED BY: *JD* DATE: 10/1/96

SHEET NO. 2 OF 2
LAB NO. 3512
JOB NO. 96-625

SELENIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 195.9

SLIT: 1.0 nm

INTEGRATIONS: 10

INTEGRATION TIME: 1.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

M= -0.0000
B= 666.6667
R= 1.0000

ML. ALIQUOT = 10

PPB	ABSORBANCE
0.00	0.000
2.00	0.003
4.00	0.006
6.00	0.009
8.00	0.012
12.00	0.018

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			<	PPB
#10	0.008	0.20	2.00269	0.53	ug/g
#11	0.013	0.20	2.00621	0.86	ug/g
#11DUP	0.005	0.20	2.00226	0.33	ug/g
#12	0.005	0.20	2.00327	0.33	ug/g
#13	0.013	0.20	2.00379	0.87	ug/g
#14	0.010	0.20	2.00607	0.66	ug/g
#14DUP	0.006	0.20	2.00000	0.40	ug/g
#15	0.014	0.20	2.00276	0.93	ug/g
REF=12 PPB	0.017			11.333	PPB

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9/19/96
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SHEET NO. 1 OF 2

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

LAB NO. 3512

RUN BY: L.Z DATE: 9/9/96

JOB NO. 96-625

CHECKED BY: 14 DATE: 10/1/96

SILVER ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 328.1

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
80.00	0.011
240.00	0.037
400.00	0.062
800.00	0.125
1200.00	0.180

R= 0.9999

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			< 14.56	PPB
#1	0.000	0.10	2.00809	< 0.73	ug/g
#2	0.000	0.10	2.00212	< 0.73	ug/g
#3	0.001	0.10	2.00639	0.73	ug/g
#4	0.000	0.10	2.00334	< 0.73	ug/g
#5	0.000	0.10	2.00111	< 0.73	ug/g
#6	0.000	0.10	2.00239	< 0.73	ug/g
#7	0.000	0.10	2.00100	< 0.73	ug/g
#8	0.000	0.10	2.00000	< 0.73	ug/g
#9	0.000	0.10	2.00349	< 0.73	ug/g

LARRY ZEMAN
SIGNATURE

9/9/96
DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

(516) 791-2300

**CHARLES M. SHAPIRO INCORPORATED
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CLIENT: USCG, CEU PROVIDENCE

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., N.Y. 11359

RUN BY: LZ DATE: 9/9/96

CHECKED BY: JP DATE: 10/1/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

SILVER ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 328.1

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION**CALIBRATION DATA**

PPB	ABSORBANCE
0.00	0.000
80.00	0.011
240.00	0.037
400.00	0.062
800.00	0.125
1200.00	0.180

R= 0.9999

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#10	0.001	0.10	2.00269	0.73	ug/g
#11	0.000	0.10	2.00621	<	ug/g
#11DUP	0.001	0.10	2.00226	0.73	ug/g
#12	0.000	0.10	2.00327	<	ug/g
#13	0.001	0.10	2.00379	0.73	ug/g
#14	0.001	0.10	2.00607	0.73	ug/g
#14DUP	0.001	0.10	2.00000	0.73	ug/g
#15	0.000	0.10	2.00276	<	ug/g
REF 400 PPB	0.060			381.252	PPB

LARRY ZEMAN

SIGNATURE

9/9/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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CHARLES M. SHAPIRO INCORPORATED
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RUN BY: LZ DATE: 9/13/96

CHECKED BY: *JV* DATE: 10/1/96

SHEET NO. 1 OF 2

LAB NO. 3512

JOB NO. 96-625

THALLIUM ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 276.8

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
1200.00	0.017
3600.00	0.050
6000.00	0.083
12000.00	0.161
18000.00	0.236

R= 1.0000

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#1	0.002	0.10	2.00809	68.23	ug/g
#2	0.002	0.10	2.00212	6.91	ug/g
#3	0.002	0.10	2.00639	6.94	ug/g
#4	0.002	0.10	2.00334	6.92	ug/g
#5	0.001	0.10	2.00111	6.93	ug/g
#6	0.002	0.10	2.00239	3.41	ug/g
#7	0.002	0.10	2.00100	6.93	ug/g
#8	0.001	0.10	2.00000	6.94	ug/g
#9	0.002	0.10	2.00349	3.41	ug/g
				6.93	ug/g

LARRY ZEMAN

SIGNATURE

Larry Zeman
9/13/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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CHARLES M. SHAPIRO INCORPORATED
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FAX: (516) 791-5425

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ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/6/96

CHECKED BY: JP DATE: 10/11/96

SHEET NO. 1 OF 2
LAB NO. 3512
JOB NO. 96-625

ZINC ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 213.8

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
40.00	0.016
80.00	0.029
240.00	0.092
400.00	0.151
800.00	0.302

R= 1.0000

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			< 2.72	PPB
#1	0.263	0.10	2.00809	34.67	ug/g
#2	0.219	0.10	2.00212	28.92	ug/g
#3	0.032	1.00	2.00639	42.02	ug/g
#4	0.203	0.10	2.00334	26.78	ug/g
#5	0.177	0.10	2.00111	23.37	ug/g
#6	0.294	0.10	2.00239	38.89	ug/g
#7	0.277	0.10	2.00100	36.65	ug/g
#8	0.057	1.00	2.00000	75.09	ug/g
#9	0.059	1.00	2.00349	77.60	ug/g

LARRY ZEMAN

SIGNATURE

9/6/96

DATE

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SHEET NO. 2 OF 2

ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

LAB NO. 3512

RUN BY: LZ DATE: 9/13/96

JOB NO. 96-625

CHECKED BY: *(Signature)* DATE: 10/1/96**THALLIUM ANALYSIS SHEET**

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 276.8

SLIT: 0.5 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION**CALIBRATION DATA**

PPB	ABSORBANCE
0.00	0.000
1200.00	0.017
3600.00	0.050
6000.00	0.083
12000.00	0.161
18000.00	0.236

R= 1.0000

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH2O	0.000			<	PPB
#10	0.002	0.10	2.00269	68.23	ug/g
#11	0.002	0.10	2.00621	6.93	ug/g
#11DUP	0.002	0.10	2.00226	6.92	ug/g
#12	0.002	0.10	2.00327	6.93	ug/g
#13	0.002	0.10	2.00379	6.93	ug/g
#14	0.002	0.10	2.00607	6.93	ug/g
#14DUP	0.002	0.10	2.00000	6.92	ug/g
#15	0.002	0.10	2.00276	6.94	ug/g
REF 6000 PPB	0.083			6.93	ug/g
				6021.025	PPB

LARRY ZEMAN

SIGNATURE

9/13/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

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ADDRESS: USCG STATION WILLETS POINT, FT. TOTTEN, QNS., NY 11359

RUN BY: LZ DATE: 9/6/96

CHECKED BY: (P) DATE: 10/11/96

SHEET NO. 2 OF 2

LAB NO. 3512

JOB NO. 96-625

ZINC ANALYSIS SHEET

INSTRUMENT: VARIAN SPECTRAA-20 PLUS DOUBLE BEAM ATOMIC ABSORPTION SPECTROMETER

MODE: ABSORBANCE

LAMP: HOLLOW CATHODE

FLAME: AIR/ACETYLENE

BURNER: 10 CM. SINGLE SLOT

WAVELENGTH = 213.8

SLIT: 1.0 nm

INTEGRATIONS: 3

INTEGRATION TIME: 3.0 SEC.

FLAME ADJUSTED TO MAXIMUM SENSITIVITY USING HIGHEST STANDARD

SAMPLE PREPARATION: DIGESTION DIRECT INJECTION TCLP EXTRACTION

CALIBRATION DATA

PPB	ABSORBANCE
0.00	0.000
40.00	0.016
80.00	0.029
240.00	0.092
400.00	0.151
800.00	0.302

R= 1.0000

ML. ALIQUOT = 50

ANALYTICAL DATA

SAMPLE NO.	ABSORBANCE	DILUTION FACTOR	SAMPLE WEIGHT (gms.)	CALCULATED VALUE	UNITS
BLANK DIH ₂ O	0.000			<	PPB
#10	0.033	1.00	2.00269	2.72	ug/g
#11	0.042	1.00	2.00621	43.41	ug/g
#11DUP	0.031	1.00	2.00226	55.15	ug/g
#12	0.028	1.00	2.00327	40.79	ug/g
#13	0.248	0.10	2.00379	36.82	ug/g
#14	0.248	0.10	2.00607	32.75	ug/g
#14DUP	0.256	0.10	2.00000	32.71	ug/g
#15	0.255	0.10	2.00276	33.88	ug/g
REF 400 PPB	0.150			33.70	ug/g
				395.990	PPB

LARRY ZEMAN

SIGNATURE

9/6/96

DATE

NEW YORK STATE ENVIRONMENTAL LABORATORY NO. 10667

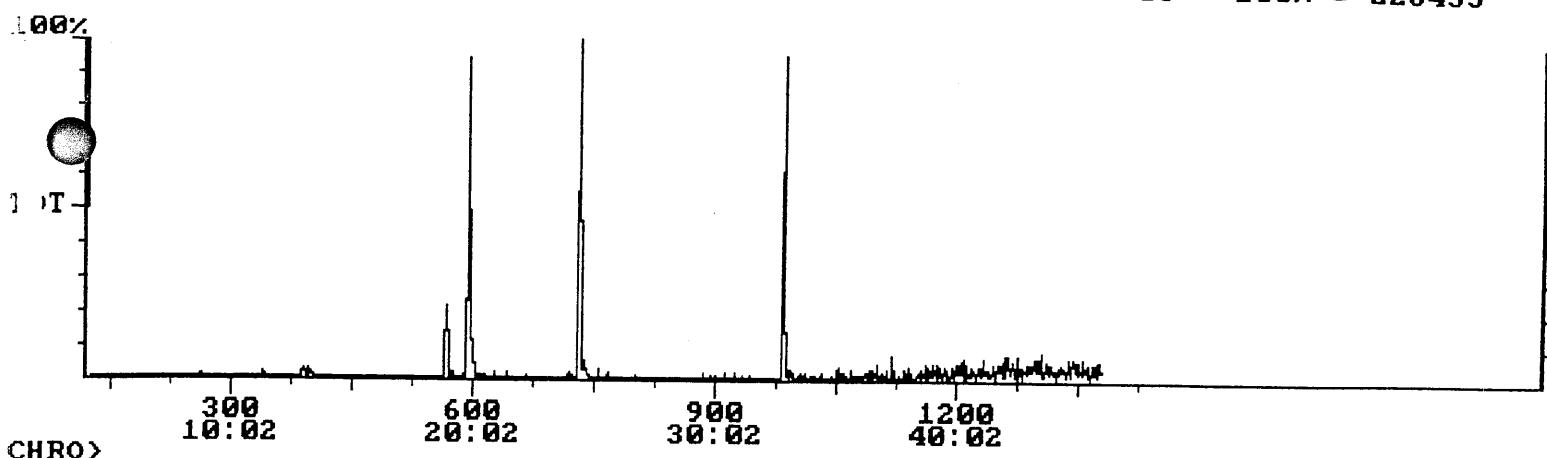
96-625

U.S.C.G.S. WILLETS POINT N.Y.

VOLATILE ORGANIC CHROMATOGRAMS

SAMPLE# 1-15

Chromatogram
Comment: USCG SOIL #1 96-625-3
Scan Range: 121 - 1380 Scan: 121 Acquired: Sep-19-1996 11:07:10
45C (6)@5C/MIN TO 220(5) Int = 110594 E 4:05 100% = 226455



Quantitation Report Quanfile: 96-625-3 Quan Entries: 30
Comment: USCG SOIL #1 45C (6)@5C/MIN TO 220(5)
Sorted via: Entry Number ↑ (S) = Standard

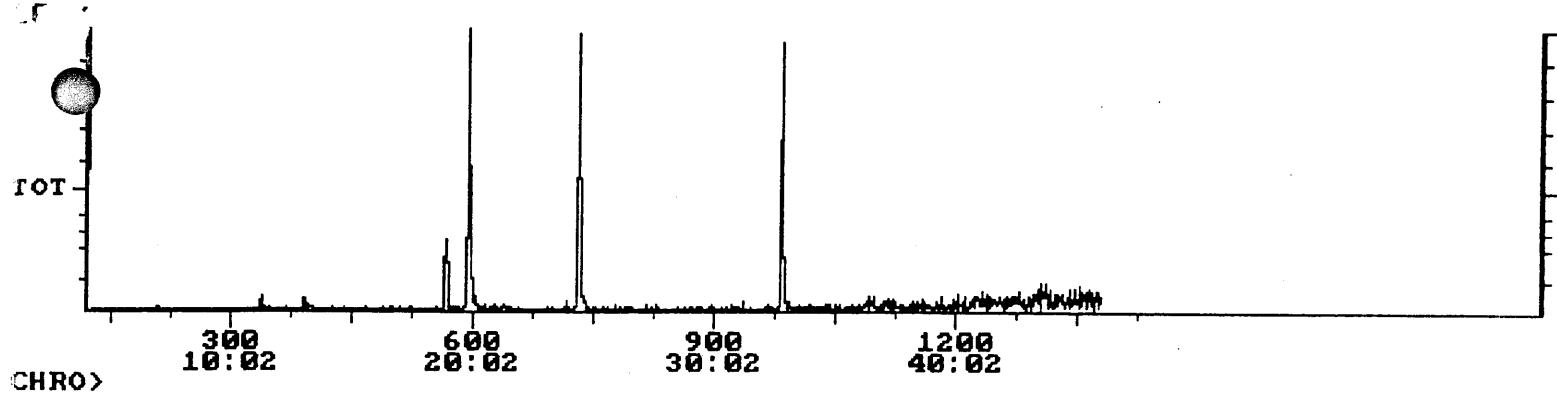
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.232	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	BB	0.356	UG/G
4	4-BFB (SURROGATE)	A	982	32:46	BB	0.247	UG/G
6	CHLOROMETHANE	A	?	?	NF	?	UG/G
7	VINYL CHLORIDE	A	?	?	NF	?	UG/G
8	BROMOMETHANE	A	?	?	NF	?	UG/G
9	CHLOROETHANE	A	?	?	NF	?	UG/G
10	TRICHLOROFLUOROMETHANE	A	?	?	NF	?	UG/G
11	1,1-DICHLOROETHENE	A	?	?	NF	?	UG/G
12	METHYLENE CHLORIDE	A	?	?	NF	?	UG/G
13	TNS 1,2-DICHLOROETHENE	A	392	13:06	BB	0.000	UG/G
14	1,1-DICHLOROETHANE	A	?	?	NF	?	UG/G
17	CHLOROFORM	A	?	?	NF	?	UG/G
19	1,1,1-TRICHLOROETHANE	A	?	?	NF	?	UG/G
21	CARBON TETRACHLORIDE	A	?	?	NF	?	UG/G
22	BENZENE	A	575	19:12	BB	0.002	UG/G

Quantitation Report Quanfile: 96-625-3 Quan Entries: 30
Comment: USCG SOIL #1 45C (6)@5C/MIN TO 220(5)
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
23	1,2-DICHLOROETHANE	A	?	?	NF	?	UG/G
24	TRICHLOROETHENE	A	?	?	NF	?	UG/G
25	1,2-DICHLOROPROPANE	A	642	21:26	BB	0.004	UG/G
26	BROMODICHLOROMETHANE	A	?	?	NF	?	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	?	?	NF	?	UG/G
29	TOLUENE	A	737	24:36	BB	0.005	UG/G
31	1,1,2-TRICHLOROETHANE	A	?	?	NF	?	UG/G
33	TETRACHLOROETHENE	A	?	?	NF	?	UG/G
34	DIBROMOCHLOROMETHANE	A	?	?	NF	?	UG/G
36	CHLOROBENZENE	A	?	?	NF	?	UG/G
38	ETHYLBENZENE	A	?	?	NF	?	UG/G
42	BROMOFORM	A	?	?	NF	?	UG/G
44	1,1,2,2-TETRACHLORETHA	A	?	?	NF	?	UG/G

chromatogram 96-625-4
 Comment: USCG SOIL #2
 Scan Range: 121 - 1380 Scan: 121

Acquired: Sep-19-1996 12:18:51
 45C (6)@5C/MIN TO 220(5)
 Int = 101115 @ 4:05 100% = 180462



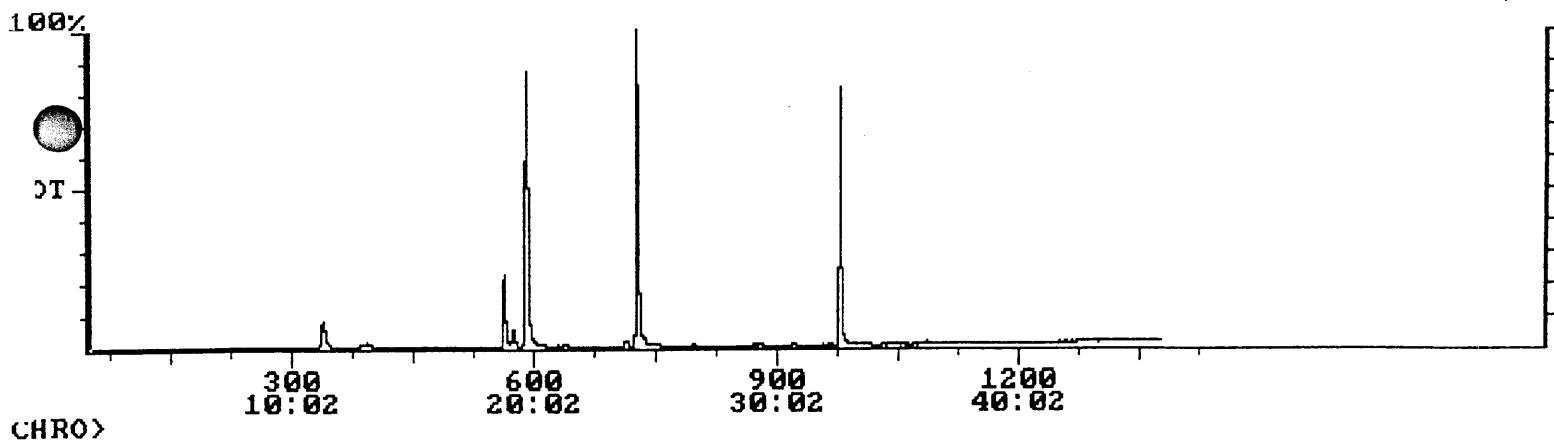
Quantitation Report Quanfile: 96-625-4
 Comment: USCG SOIL #2 Quan Entries: 30
 Sorted via: Entry Number ↑ 45C (6)@5C/MIN TO 220(5)
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BU	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	566	18:54	BB	0.244	UG/G
3	TOLUENE-D8 (SURROGATE)	A	?	?	NF	?	UG/G
4	4-BFB(SURROGATE)	A	982	32:46	BB	0.248	UG/G
6	CHLOROMETHANE	A	?	?	NF	?	UG/G
7	VINYL CHLORIDE	A	?	?	NF	?	UG/G
8	BROMOMETHANE	A	?	?	NF	?	UG/G
9	CHLOROETHANE	A	?	?	NF	?	UG/G
10	TRICHLOROFLUOROMETHANE	A	?	?	NF	?	UG/G
11	1,1-DICHLOROETHENE	A	?	?	NF	?	UG/G
12	METHYLENE CHLORIDE	A	?	?	BB	0.001	UG/G
13	TNS 1,2-DICHLOROETHENE	A	390	13:02	NF	?	UG/G
14	1,1-DICHLOROETHANE	A	?	?	NF	?	UG/G
17	CHLOROFORM	A	?	?	NF	?	UG/G
19	1,1,1-TRICHLOROETHANE	A	?	?	NF	?	UG/G
21	CARBON TETRACHLORIDE	A	?	?	NF	?	UG/G
22	BENZENE	A	576	19:14	BB	0.002	UG/G

Quantitation Report Quanfile: 96-625-4 Quan Entries: 30
 Comment: USCG SOIL #2 45C (6)@5C/MIN TO 220(5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
23	1,2-DICHLOROETHANE	A	?	?	NF	?	UG/G
24	TRICHLOROETHENE	A	?	?	NF	?	UG/G
25	1,2-DICHLOROPROPANE	A	?	?	NF	?	UG/G
26	BROMODICHLOROMETHANE	A	?	?	NF	?	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	?	?	NF	?	UG/G
29	TOLUENE	A	?	?	NF	?	UG/G
31	1,1,2-TRICHLOROETHANE	A	738	24:38	BB	0.006	UG/G
33	TETRACHLOROETHENE	A	?	?	NF	?	UG/G
34	DI BROMOCHLOROMETHANE	A	?	?	NF	?	UG/G
36	CHLOROBENZENE	A	?	?	NF	?	UG/G
38	ETHYLBENZENE	A	?	?	NF	?	UG/G
42	BROMOFORM	A	?	?	NF	?	UG/G
44	1,1,2,2-TETRACHLORETHA	A	?	?	NF	?	UG/G

Comment: USCG SOIL# 3 96-62513 45C (6) @5C/MIN TO 220 (5) Acquired: Oct-01-1996 17:23:32
 Scan Range: 51 - 1380 Scan: 51 Int = 1017 @ 1:45 100% = 277938



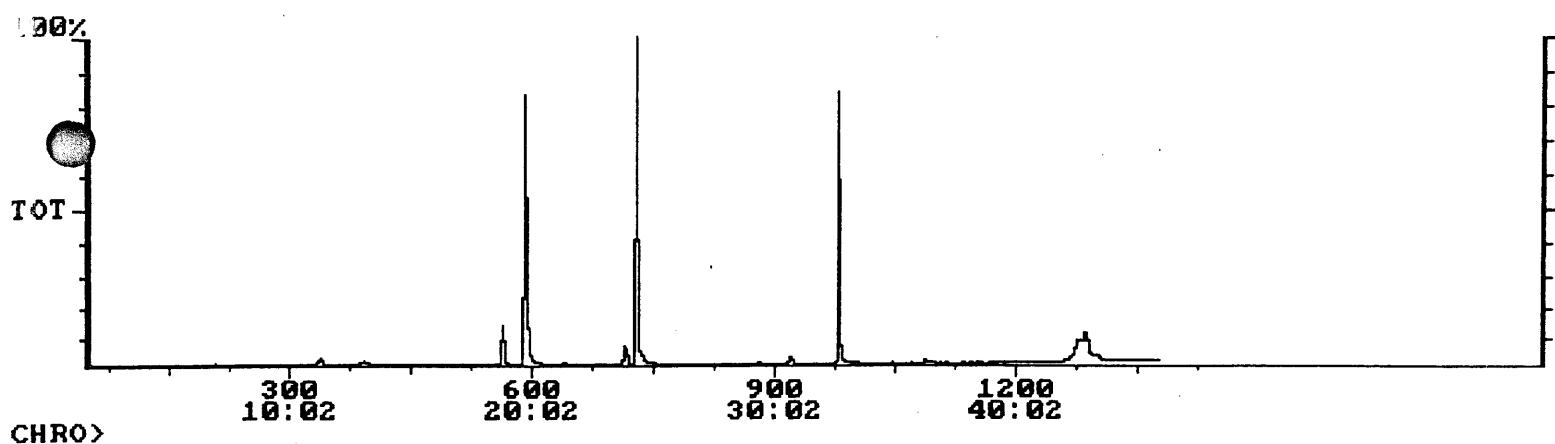
Quantitation Report Quanfile: 96-62513 Quan Entries: 25
 Comment: USCG SOIL# 3 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	591	19:44	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	564	18:50	UB	0.209	UG/G
3	TOLUENE-D8 (SURROGATE)	A	728	24:18	BB	0.356	UG/G
4	4-BFB (SURROGATE)	A	979	32:40	UB	0.204	UG/G
10	TRICHLOROFLUOROMETHANE	A	302	10:06	BB	0.000	UG/G
11	1,1-DICHLOROETHENE	A	340	11:22	BB	0.000	UG/G
12	MÉTHYLENE CHLORIDE	A	388	12:58	BB	0.000	UG/G
14	1,1-DICHLOROETHANE	A	446	14:54	BB	0.000	UG/G
17	CHLOROFORM	A	506	16:54	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	541	18:04	BB	0.000	UG/G
22	BÉNZÈNE	A	575	19:12	BB	0.014	UG/G
23	1,2-DICHLOROETHANE	A	576	19:14	UB	0.000	UG/G
24	TRICHLOROETHENE	A	625	20:52	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	639	21:20	BU	0.003	UG/G
26	BROMODICHLOROMETHANE	A	659	22:00	BB	0.000	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	704	23:30	BU	0.000	UG/G
29	TOLUENE	A	735	24:32	BU	0.002	UG/G

Quantitation Report Quanfile: 96-62513 Quan Entries: 25
 Comment: USCG SOIL# 3 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
33	TETRACHLOROETHENE	A	795	26:32	BB	0.001	UG/G
34	DIBROMOCHLOROMETHANE	A	795	26:32	BU	0.000	UG/G
36	CHLOROBENZENE	A	869	29:00	BB	0.001	UG/G
38	ETHYLBENZENE	A	873	29:08	UU	0.000	UG/G
39	M&P XYLENES	A	928	30:58	UU	0.000	UG/G
40	O-XYLENE	A	977	32:36	BB	0.000	UG/G
42	BROMOFORM	A	957	31:56	BB	0.000	UG/G
44	1,1,2,2-TETRACHLORETHA	A	968	32:18	BB	0.001	UG/G

Chromatogram Comment: USCG SOIL# 4 96-62514 Acquired: Oct-02-1996 09:45:17
 Scan Range: 51 - 1380 Scan: 51 @5C/MIN TO 220 (5) Int = 627 1:45 100% = 304809



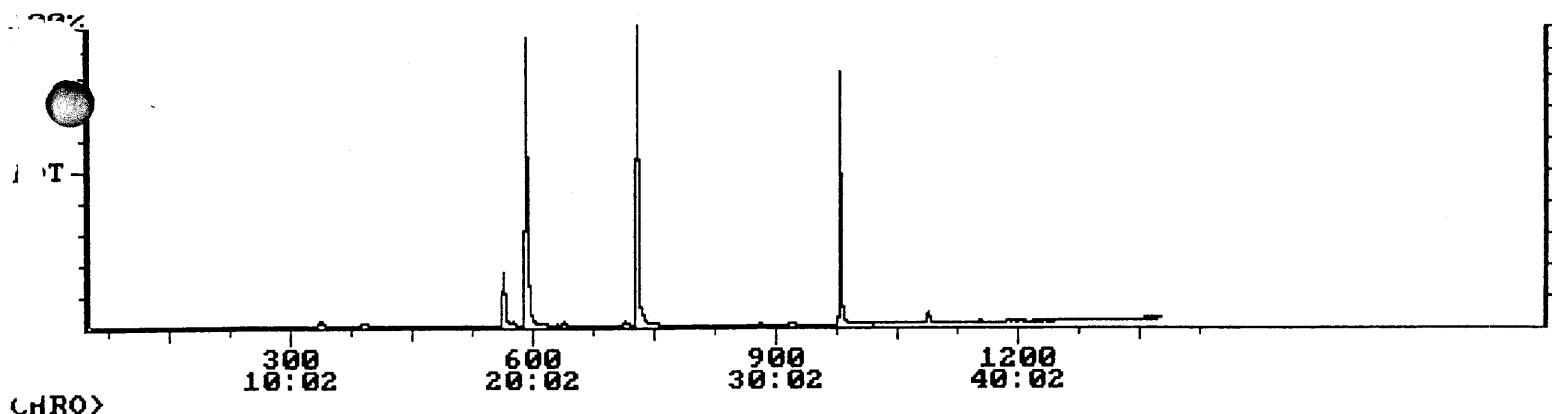
Quantitation Report Quanfile: 96-62514 Quan Entries: 25
 Comment: USCG SOIL# 4 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	592	19:46	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	564	18:50	BB	0.126	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	BB	0.353	UG/G
4	4-BFB (SURROGATE)	A	980	32:42	UB	0.190	UG/G
7	VINYL CHLORIDE	A	249	8:20	BB	0.000	UG/G
10	TRICHLOROFLUOROMETHANE	A	302	10:06	BB	0.000	UG/G
11	1,1-DICHLOROETHENE	A	341	11:24	BU	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:08	UB	0.000	UG/G
14	1,1-DICHLOROETHANE	A	446	14:54	BU	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.001	UG/G
21	CARBON TETRACHLORIDE	A	543	18:08	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	565	19:52	BB	0.000	UG/G
24	TRICHLOROETHENE	A	626	20:54	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	640	21:22	BU	0.003	UG/G
26	BROMODICHLOROMETHANE	A	660	22:02	BB	0.001	UG/G

Quantitation Report Quanfile: 96-62514 Quan Entries: 25
 Comment: USCG SOIL# 4 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
28	CIS-1,3-DICHLOROPROPEN	A	705	23:32	BU	0.001	UG/G
29	TOLUENE	A	737	24:36	BU	0.002	UG/G
33	TETRACHLOROETHENE	A	796	26:34	BB	0.000	UG/G
34	DI BROMOCHLOROMETHANE	A	796	26:34	BB	0.000	UG/G
36	CHLOROBENZENE	A	871	29:04	BB	0.001	UG/G
38	ETHYLBENZENE	A	874	29:10	BU	0.000	UG/G
40	O-XYLENE	A	982	32:46	BB	0.000	UG/G
44	1,1,2,2-TETRACHLORETHA	A	970	32:22	UU	0.000	UG/G

chromatogram 96-62515 Comment: USCG SOIL# 5 45C (6) @5C/MIN TO 220 (5) acquired: Oct-02-1996 11:34:02
 Scan Range: 51 - 1380 Scan: 51 Int = 739 1:45 100% = 194560



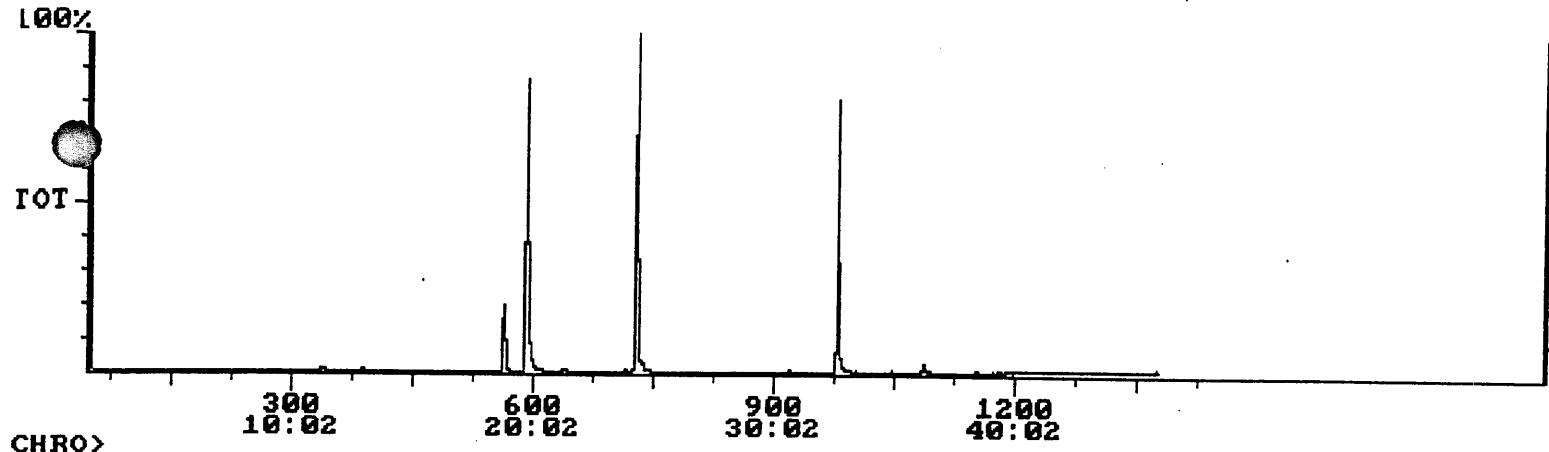
Quantitation Report Quanfile: 96-62515 Quan Entries: 24
 Comment: USCG SOIL# 5 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	592	19:46	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	564	18:50	BB	0.147	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	BB	0.341	UG/G
4	4-BFB (SURROGATE)	A	980	32:42	BB	0.182	UG/G
6	CHLOROMETHANE	A	190	6:22	BB	0.000	UG/G
10	TRICHLOROFLUOROMETHANE	A	301	10:04	BB	0.000	UG/G
11	1,1-DICHLOROETHENE	A	351	11:44	UB	0.000	UG/G
12	METHYLENE CHLORIDE	A	388	12:58	BB	0.000	UG/G
14	1,1-DICHLOROETHANE	A	458	15:18	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BU	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	UB	0.000	UG/G
22	CARBON TETRACHLORIDE	A	542	18:06	BB	0.000	UG/G
23	BENZENE	A	577	19:16	UB	0.003	UG/G
24	1,2-DICHLOROETHANE	A	563	18:48	BB	0.000	UG/G
25	TRICHLOROETHENE	A	626	20:54	BU	0.000	UG/G
28	1,2-DICHLOROPROPANE	A	640	21:22	VU	0.005	UG/G
	CIS-1,3-DICHLOROPROPEN	A	705	23:32	VU	0.000	UG/G

Quantitation Report Quanfile: 96-62515 Quan Entries: 24
 Comment: USCG SOIL# 5 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
29	TOLUENE	A	737	24:36	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	788	26:18	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	796	26:34	BB	0.000	UG/G
36	CHLOROBENZENE	A	870	29:02	BB	0.000	UG/G
38	ETHYLBENZENE	A	874	29:10	BU	0.000	UG/G
40	O-XYLENE	A	982	32:46	BB	0.000	UG/G
44	1,1,2,2-TETRACHLORETHA	A	969	32:20	UB	0.000	UG/G

Chromatogram Comment: USCG SOIL# 6 96-62516 Acquired: 45C (6) @ 5C/MIN to 220 (5) 14.42.42
 Scan Range: 51 - 1380 Scan: 51 Int = 767 @ 1:45 100% = 317388



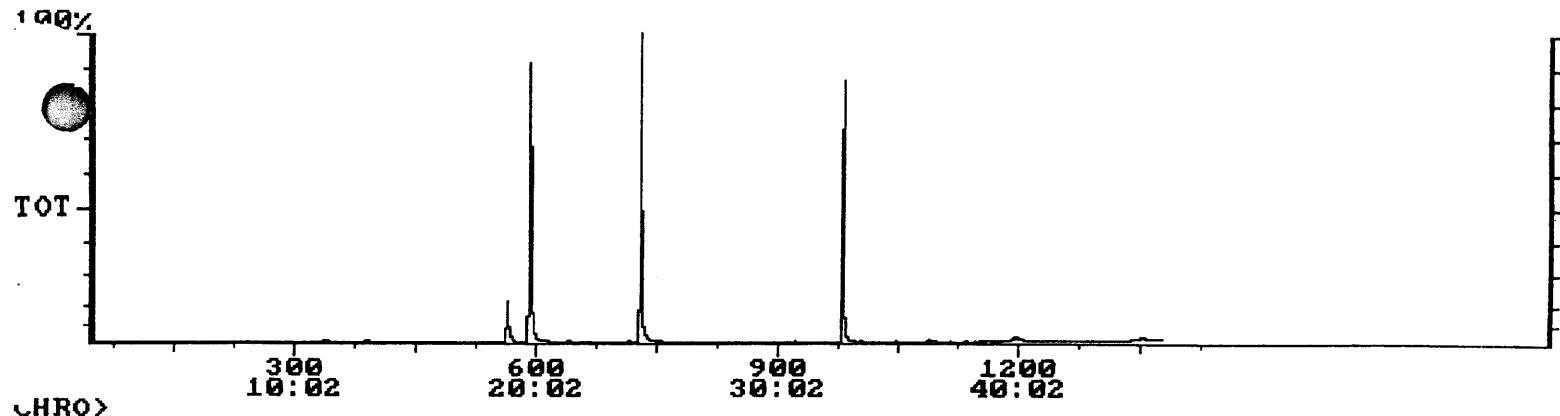
Quantitation Report Quanfile: 96-62516 Quan Entries: 21
 Comment: USCG SOIL# 6 45C (6) @ 5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	592	19:46	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	564	18:50	BB	0.182	UG/G
3	TOLUENE-D8 (SURROGATE)	A	729	24:20	BB	0.332	UG/G
4	4-BFB (SURROGATE)	A	979	32:40	UB	0.199	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	388	12:58	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BU	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	541	18:04	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	540	18:02	BB	0.000	UG/G
22	BENZENE	A	576	19:14	BB	0.000	UG/G
23	1,2-DICHLOROETHANE	A	563	18:48	BB	0.001	UG/G
24	TRICHLOROETHENE	A	627	20:56	BB	0.000	UG/G
29	1,2-DICHLOROPROPANE	A	640	21:22	BB	0.000	UG/G
31	TOLUENE	A	736	24:34	BU	0.003	UG/G
34	1,1,2-TRICHLOROETHANE	A	755	25:12	BB	0.001	UG/G
36	DIBROMOCHLOROMETHANE	A	796	26:34	BB	0.000	UG/G
	CHLOROBENZENE	A	870	29:02	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62516 Quan Entries: 21
 Comment: USCG SOIL# 6 45C (6) @ 5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
38	ETHYLBENZENE	A	873	29:08	UU	0.000	UG/G
40	O-XYLENE	A	981	32:44	BB	0.000	UG/G
42	BROMOFORM	A	962	32:06	BB	0.001	UG/G
44	1,1,2,2-TETRACHLORETHA	A	970	32:22	UU	0.000	UG/G

Comment: USCG SOIL# 7 96-62517 Acquired: Oct-02-1996 13:54:07
 Scan Range: 51 - 1380 Scan: 51 Int = 703 E 1:45 100% = 287214



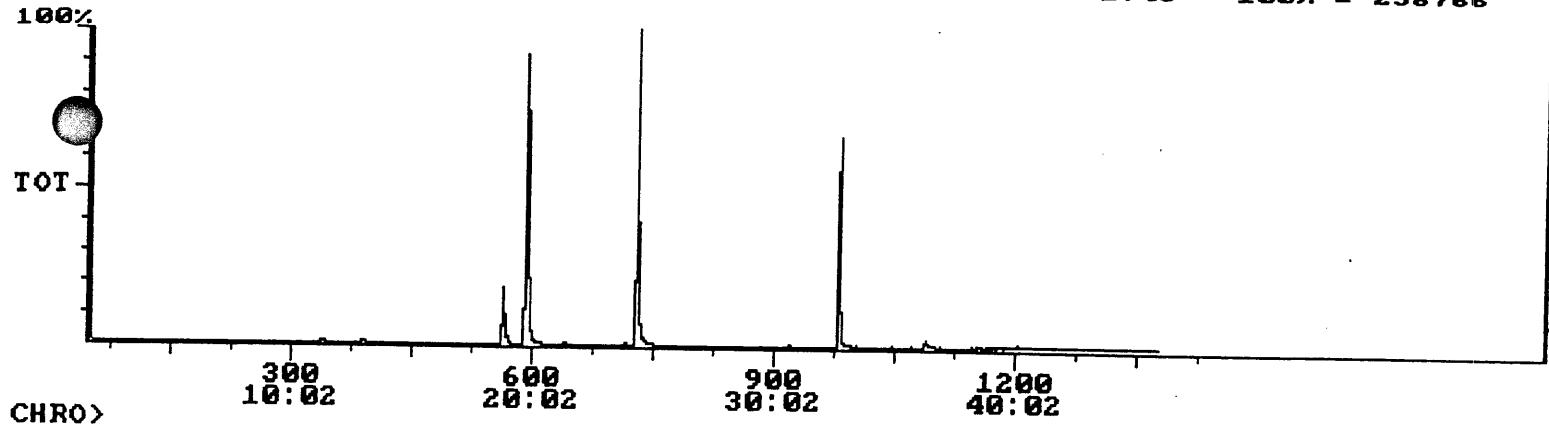
Quantitation Report Quanfile: 96-62517 Quan Entries: 21
 Comment: USCG SOIL# 7 45C (6) @5C/MIN TO 220 (5) (\$)= Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UB	0.173	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	BB	0.339	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.197	UG/G
10	TRICHLOROFLUOROMETHANE	A	303	10:08	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BU	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	542	18:06	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	565	18:52	BB	0.000	UG/G
24	TRICHLOROETHENE	A	630	21:02	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.000	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	705	23:32	BU	0.003	UG/G
29	TOLUENE	A	737	24:36	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	794	26:30	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	796	26:34	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62517 Quan Entries: 21
 Comment: USCG SOIL# 7 45C (6) @5C/MIN TO 220 (5) (\$)= Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
36	CHLOROBENZENE	A	872	29:06	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BU	0.000	UG/G
40	O-XYLENE	A	980	32:42	BB	0.001	UG/G
44	1,1,2,2-TETRACHLORETHA	A	970	32:22	UB	0.000	UG/G

Comment: USCG_Soil#8 96-62518 Scan Range: 51-1388 Scan: 51 F_t = 639 Ratio: 0.226025 1:45 15:03:04 100% = 258766



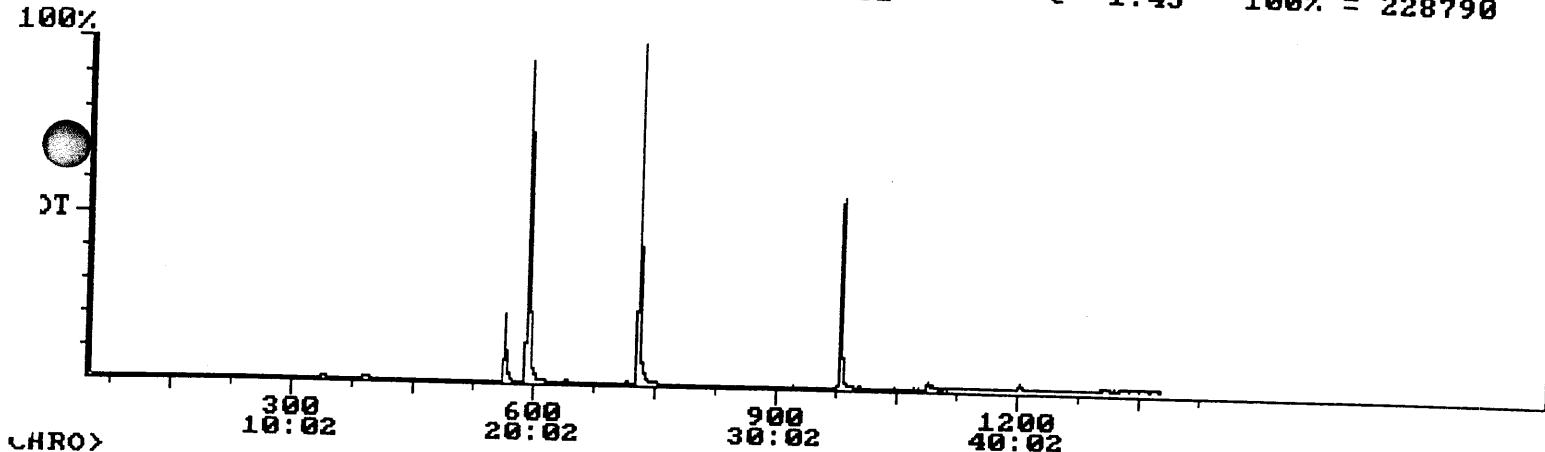
Quantitation Report Quanfile: 96-62518
Comment: USCG SOIL# 8 45C (6) @5C/MIN TO 220 (5) Quan Entries: 21
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.162	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	UB	0.318	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.150	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.001	UG/G
17	CHLOROFORM	A	508	16:58	BU	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	554	18:30	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	566	18:54	BB	0.000	UG/G
24	TRICHLOROETHENE	A	623	20:48	BB	0.000	UG/G
5	1,2-DICHLOROPROPANE	A	641	21:24	UB	0.000	UG/G
9	TOLUENE	A	737	24:36	BU	0.003	UG/G
33	TETRACHLOROETHENE	A	792	26:26	BB	0.001	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G
36	CHLOROBENZENE	A	872	29:06	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62518
Comment: USCG SOIL# 8 45C (6) @5C/MIN TO 220 (5) Quan Entries: 21
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
38	ETHYLBENZENE	A	874	29:10	BU	0.000	UG/G
40	O-XYLENE	A	980	32:42	BB	0.000	UG/G
42	BROMOFORM	A	966	32:14	BB	0.001	UG/G
44	1,1,2,2-TETRACHLORETHA	A	971	32:24	BB	0.000	UG/G

Chromatogram
 Comment: USCG SOIL# 9 96-62519 Acquired: OCT-06-1996 16:11:22
 Scan Range: 51 - 1380 Scan: 51 Int = 682 @ 1:45 100% = 228790



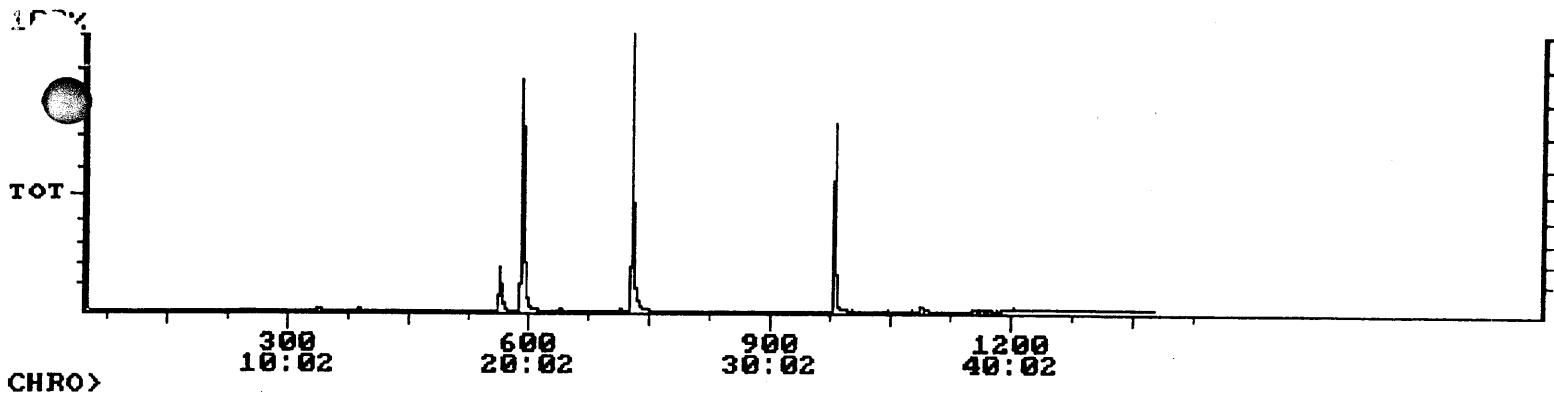
Quantitation Report Quanfile: 96-62519 Quan Entries: 18
 Comment: USCG SOIL# 9 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.174	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	BB	0.329	UG/G
4	4-BFB (SURROGATE)	A	981	32:44	VB	0.134	UG/G
10	TRICHLOROFLUOROMETHANE	A	363	10:08	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.001	UG/G
17	CHLOROFORM	A	508	16:58	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BU	0.000	UG/G
21	CARBON TETRACHLORIDE	A	552	18:26	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	568	18:58	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BB	0.004	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	706	23:34	BB	0.000	UG/G
29	TOLUENE	A	737	24:36	BU	0.002	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G
36	CHLOROBENZENE	A	871	29:04	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BU	0.000	UG/G

Quantitation Report Quanfile: 96-62519 Quan Entries: 18
 Comment: USCG SOIL# 9 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
40	O-XYLENE	A	980	32:42	BB	0.000	UG/G

Chromatogram Comment: USCG SOIL# 10 96-62520 Acquired: Oct-02-1996 17:19:47
 Scan Range: 51 - 1380 Scan: 51 Int = 640 @ 1:45 100% = 276297



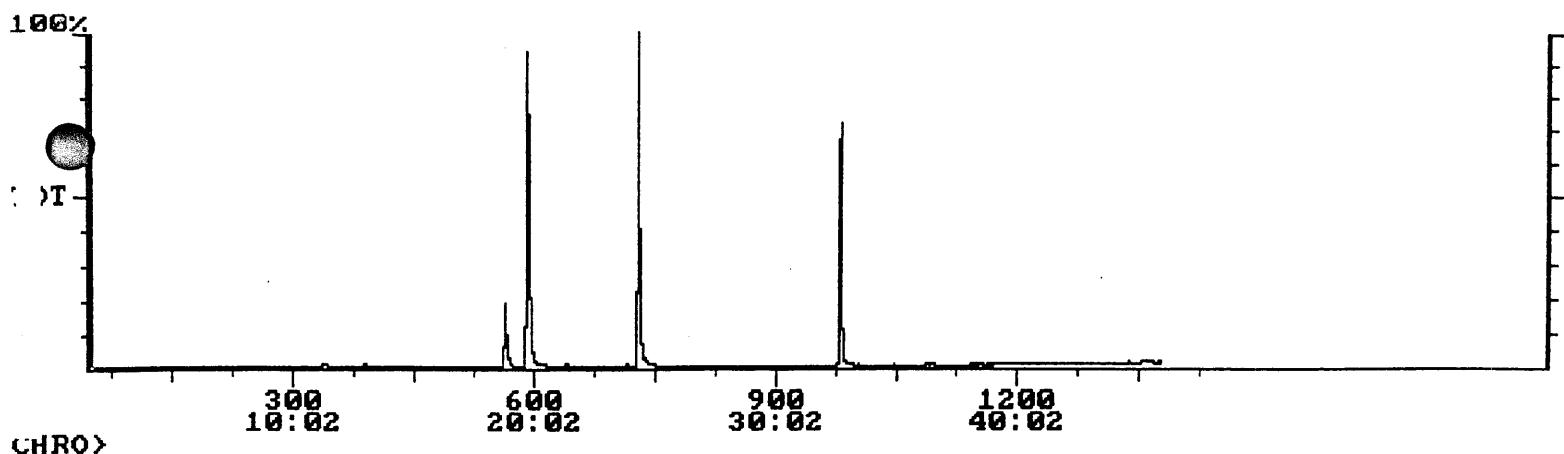
Quantitation Report Quanfile: 96-62520 Quan Entries: 21
 Comment: USCG SOIL# 10 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE(INT STD)	I	593	19:48	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.163	UG/G
3	TOLUENE-D8(SURROGATE)	A	730	24:22	UB	0.351	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.170	UG/G
6	CHLOROMETHANE	A	192	6:26	UB	0.000	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	390	13:02	BB	0.000	UG/G
17	CHLOROFORM	A	508	16:58	BB	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	541	18:04	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	548	18:18	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BU	0.001	UG/G
23	1,2-DICHLOROETHANE	A	567	18:56	BB	0.000	UG/G
24	TRICHLOROETHENE	A	625	20:52	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.003	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	705	23:32	BU	0.000	UG/G
29	TOLUENE	A	738	24:38	BB	0.001	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62520 Quan Entries: 21
 Comment: USCG SOIL# 10 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
36	CHLOROBENZENE	A	871	29:04	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BU	0.000	UG/G
40	O-XYLENE	A	980	32:42	BB	0.000	UG/G
42	BROMOFORM	A	965	32:12	UB	0.001	UG/G

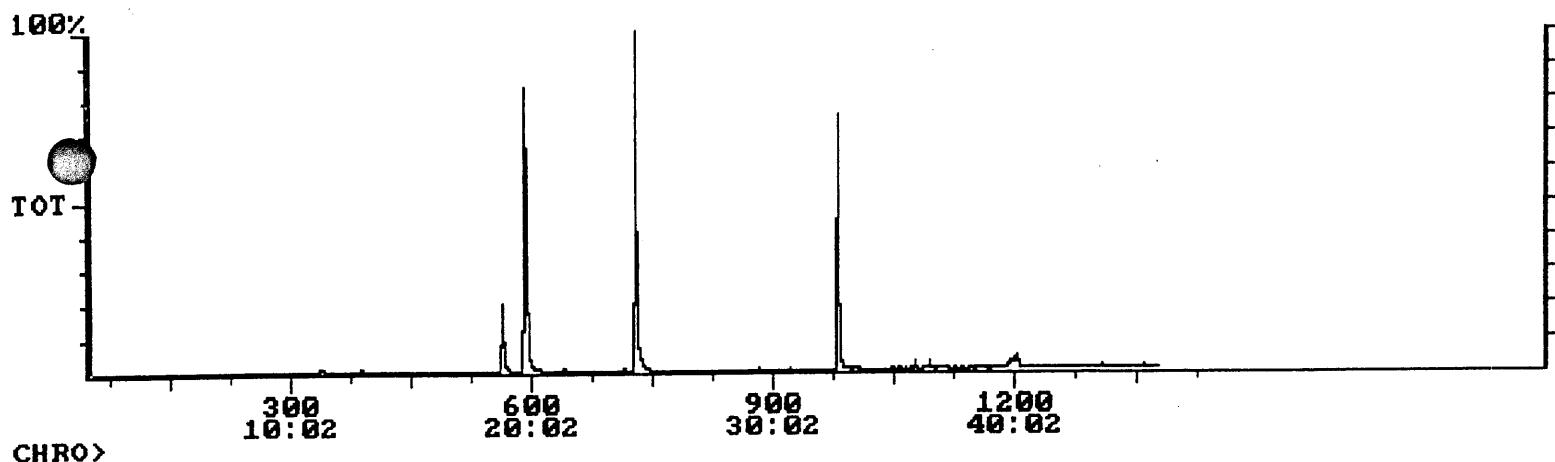
Comment: USCG SOIL# 11 96-62521 Acquired: Oct-02-1996 18:28:31
 Scan Range: 51 - 1380 Scan: 51 Int = 628 @ 1:45 100% = 239938



Quantitation Report Quanfile: 96-62521 Quan Entries: 17
 Comment: USCG SOIL# 11 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UVB	0.160	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	UB	0.327	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.167	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	508	16:58	BV	0.000	UG/G
22	BENZENE	A	577	19:16	BV	0.000	UG/G
23	1,2-DICHLOROETHANE	A	567	18:56	BB	0.000	UG/G
24	TRICHLOROETHENE	A	626	20:54	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BV	0.003	UG/G
29	TOLUENE	A	737	24:36	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	789	26:20	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G
36	CHLOROBENZENE	A	872	29:06	UV	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BB	0.000	UG/G
40	O-XYLENE	A	978	32:38	BB	0.000	UG/G

Comment: USCG SOIL# 11 dup 45C (6) @5C/MIN TO 220 (5)
 Scan Range: 51 - 1380 Scan: 51 Int = 615 @ 1:45 100% = 234155



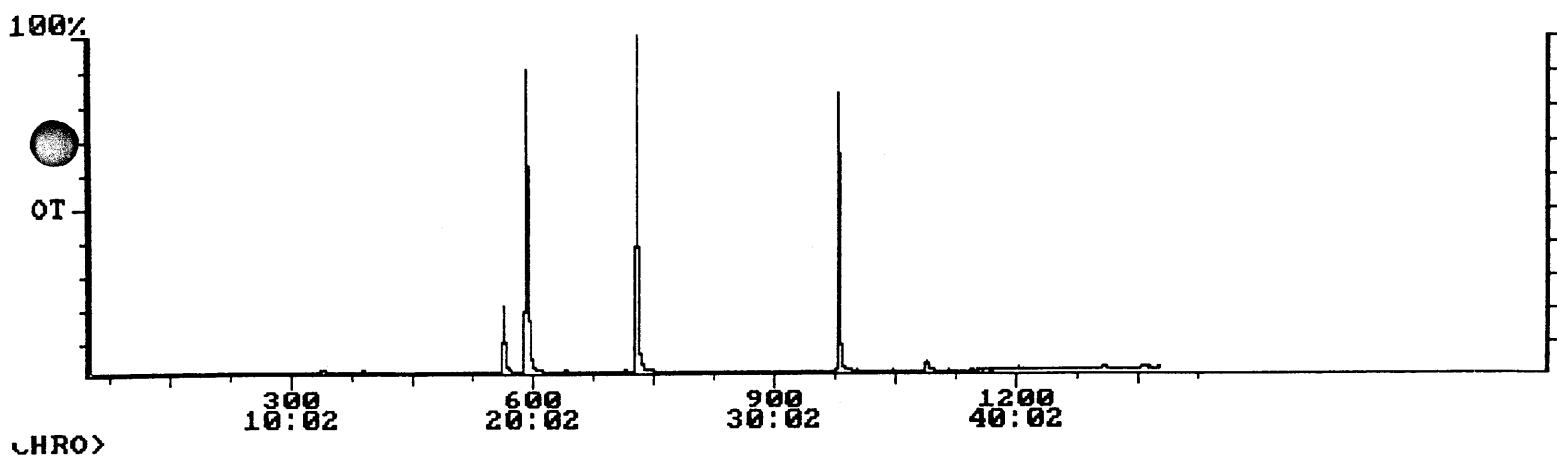
Quantitation Report Quanfile: 96-62526 Quan Entries: 22
 Comment: USCG SOIL# 11 dup 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UB	0.189	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	UB	0.359	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.180	UG/G
6	CHLOROMETHANE	A	192	6:26	BB	0.000	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	543	18:08	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	542	18:06	BB	0.000	UG/G
22	BENZENE	A	577	19:16	UV	0.001	UG/G
23	1,2-DICHLOROETHANE	A	568	18:58	BU	0.000	UG/G
24	TRICHLOROETHENE	A	633	21:08	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.003	UG/G
29	TOLUENE	A	737	24:36	BU	0.002	UG/G
33	TETRACHLOROETHENE	A	792	26:26	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62526 Quan Entries: 22
 Comment: USCG SOIL# 11 dup 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
36	CHLOROBENZENE	A	872	29:06	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	UB	0.000	UG/G
39	M&P XYLEMES	A	923	30:48	BB	0.000	UG/G
40	O-XYLENE	A	979	32:40	BB	0.000	UG/G
42	BROMOFORM	A	962	32:06	UB	0.001	UG/G

Chromatogram 96-62522
 Comment: USCG SOIL# 12 45C (6) @5C/MIN TO 220 (5)
 can Range: 51 - 1380 Scan: 51 Int = 615 @ 1:45 100% = 251175



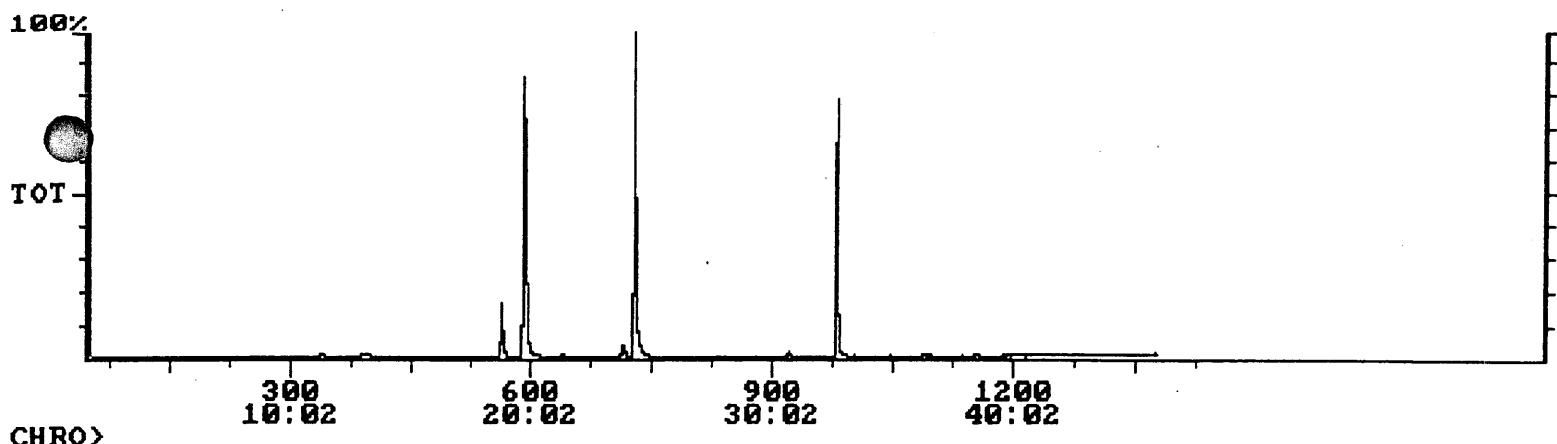
Quantitation Report Quanfile: 96-62522 Quan Entries: 23
 Comment: USCG SOIL# 12 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE(INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UB	0.175	UG/G
3	TOLUENE-D8(SURROGATE)	A	730	24:22	UB	0.326	UG/G
4	4-BFB(SURROGATE)	A	980	32:42	UB	0.180	UG/G
10	TRICHLOROFLUOROMETHANE	A	305	10:12	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BB	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	UB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	541	18:04	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	569	19:00	BB	0.000	UG/G
24	TRICHLOROETHENE	A	631	21:04	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.003	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	768	23:38	BB	0.000	UG/G
29	TOLUENE	A	737	24:36	BU	0.001	UG/G
33	TETRACHLOROETHENE	A	793	26:28	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62522 Quan Entries: 23
 Comment: USCG SOIL# 12 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
36	CHLOROBENZENE	A	871	29:04	BB	0.000	UG/G
38	ETHYLBENZENE	A	874	29:10	BU	0.000	UG/G
40	O-XYLENE	A	980	32:42	BB	0.001	UG/G
42	BROMOFORM	A	957	31:56	UB	0.000	UG/G
55	1,3DICHLOROBENZENE	A	1088	36:18	BB	0.000	UG/G
56	1,4-DICHLOROBENZENE	A	1099	36:40	BB	0.000	UG/G

Chromatogram Comment: USCG SOIL# 13 96-62523 Scan Range: 51 - 1380 Scan: 51 45C (6) Int = 492 Acquired: Oct-03-1996 @ 1:45 09:51:20 100% = 264387



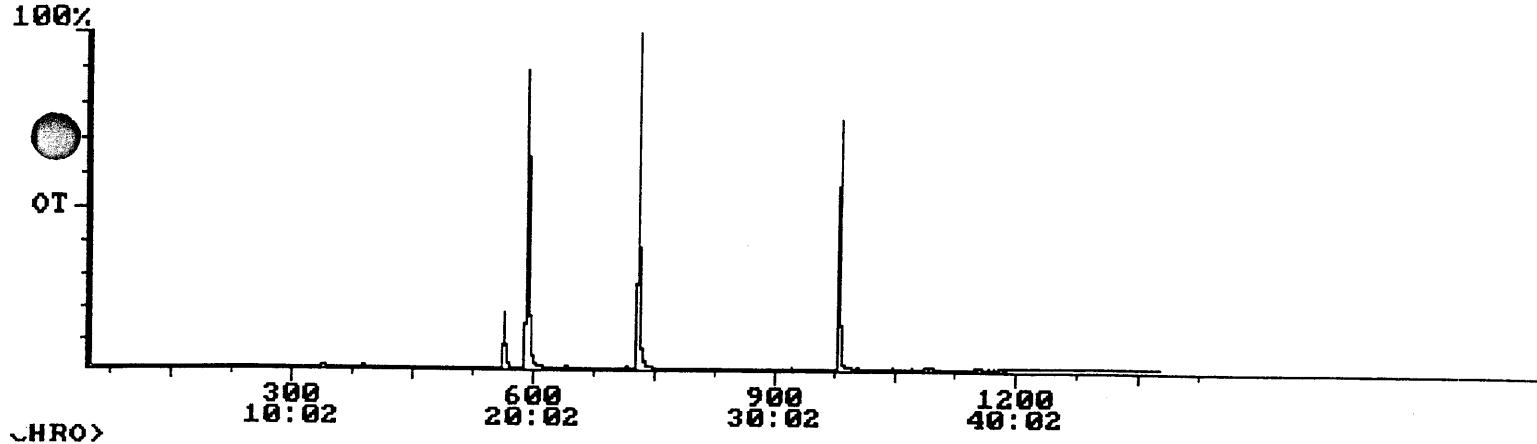
Quantitation Report Quanfile: 96-62523 Quan Entries: 24
Comment: USCG SOIL# 13 45C (6) @5C/MIN TO 220 (5)
Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.147	UG/G
3	TOLUENE-D8(SURROGATE)	A	730	24:22	UB	0.356	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	BB	0.182	UG/G
7	VINYL CHLORIDE	A	246	8:14	BB	0.000	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
11	1,1-DICHLOROETHENE	A	341	11:24	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	390	13:02	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	UVU	0.000	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	541	18:04	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	568	18:58	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.003	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	706	23:34	UVU	0.000	UG/G
29	TOLUENE	A	737	24:36	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	801	26:44	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62523 Quan Entries: 24
Comment: USCG SOIL# 13 45C (6) @5C/MIN TO 220 (5)
Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G
36	CHLOROBENZENE	A	871	29:04	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BU	0.000	UG/G
40	O-XYLENE	A	978	32:38	BB	0.000	UG/G
44	1,1,2,2-TETRACHLORETHA	A	971	32:24	UU	0.000	UG/G
55	1,3-DICHLOROBENZENE	A	1090	36:22	BB	0.000	UG/G
56	1,4-DICHLOROBENZENE	A	1100	36:42	BB	0.000	UG/G

Chromatogram Comment: USCG SOIL# 14 96-62524 Acquired: Oct-03-1996 11:01:00
 can Range: 51 - 1380 Scan: 51 Int = 568 45C (6) @5C/MIN TO 220 (5) @ 1:45 100% = 246608



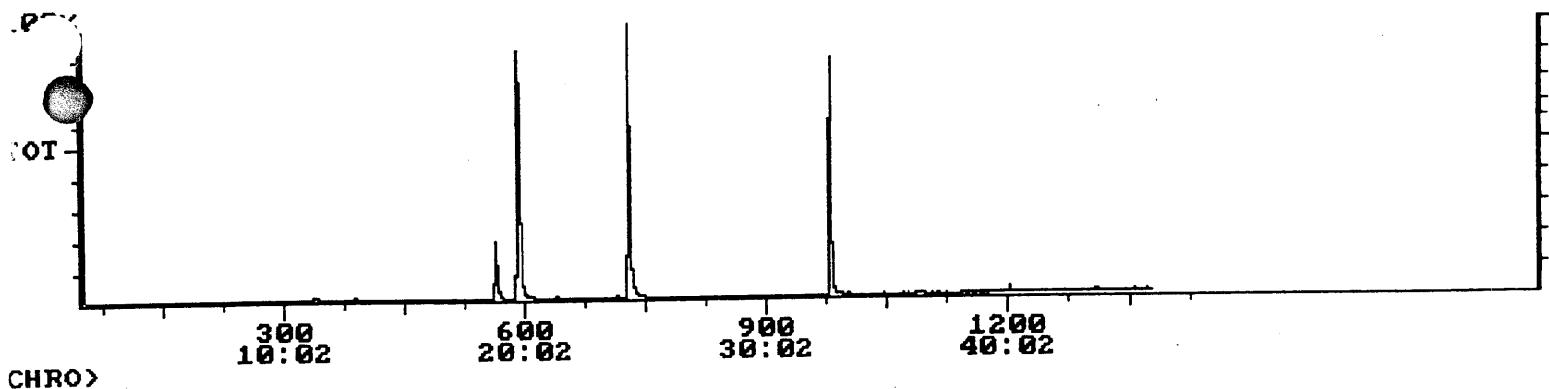
Quantitation Report Quanfile: 96-62524 Quan Entries: 21
 Comment: USCG SOIL# 14 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE(INT STD)	I	593	19:48	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	BB	0.159	UG/G
3	TOLUENE-D8(SURROGATE)	A	730	24:22	BB	0.336	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.166	UG/G
10	TRICHLOROFLUOROMETHANE	A	303	10:08	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	507	16:56	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	541	18:04	BV	0.000	UG/G
21	CARBON TETRACHLORIDE	A	541	18:04	BB	0.000	UG/G
22	BENZENE	A	577	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	568	18:58	BV	0.000	UG/G
24	TRICHLOROETHENE	A	627	20:56	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BV	0.000	UG/G
29	TOLUENE	A	737	24:36	BV	0.003	UG/G
31	1,1,2-TRICHLOROETHANE	A	757	25:16	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	788	26:18	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62524 Quan Entries: 21
 Comment: USCG SOIL# 14 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
36	CHLOROBENZENE	A	865	28:52	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BV	0.000	UG/G
40	O-XYLENE	A	982	32:46	BB	0.000	UG/G
42	BROMOFORM	A	967	32:16	UB	0.000	UG/G

Chromatogram 96-62527 Acquired: Oct-03-1996 14:34:29
 Comment: USCG SOIL# 14 dup 45C (6) @5C/MIN TO 220 (5)
 Scan: 51 Int = 526 @ 1:45 100% = 222095
 can Range: 51 - 1380



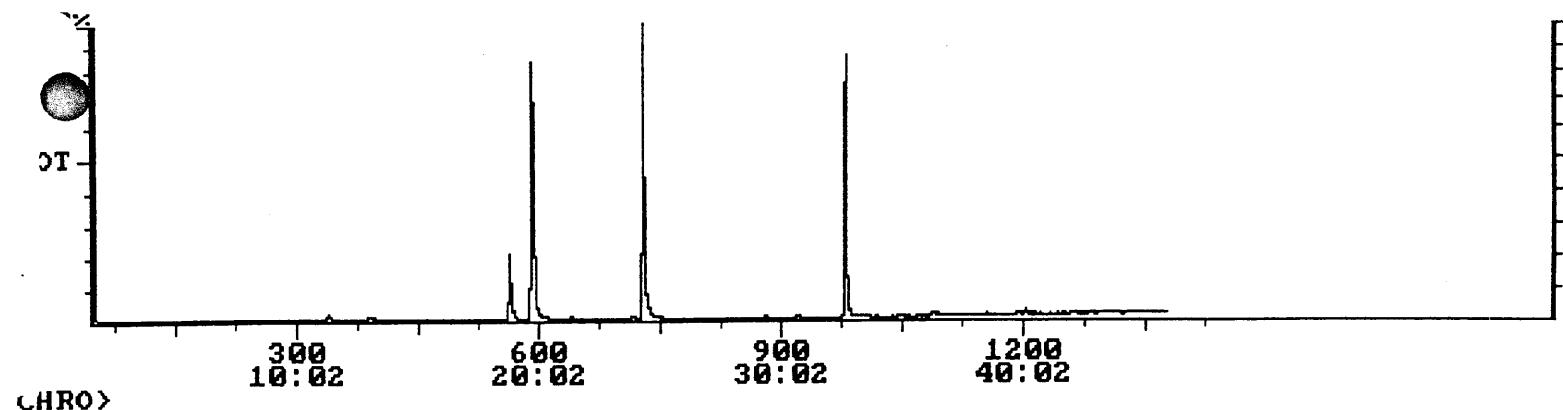
Quantitation Report Quanfile: 96-62527 Quan Entries: 23
 Comment: USCG SOIL# 14 dup 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UB	0.165	UG/G
3	TOLUENE-D8 (SURROGATE)	A	731	24:24	BB	0.336	UG/G
4	4-BFB (SURROGATE)	A	981	32:44	UB	0.184	UG/G
6	CHLOROMETHANE	A	185	16:12	BU	0.000	UG/G
9	CHLOROETHANE	A	304	10:12	BB	0.116	UG/G
10	TRICHLOROFLUOROMETHANE	A	305	10:12	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.000	UG/G
17	CHLOROFORM	A	508	16:58	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.000	UG/G
21	CARBON TETRACHLORIDE	A	545	18:12	BB	0.000	UG/G
25	BENZENE	A	577	19:16	UU	0.001	UG/G
29	1,2-DICHLOROETHANE	A	565	18:52	BB	0.000	UG/G
33	TRICHLOROETHENE	A	628	20:58	BB	0.000	UG/G
34	1,2-DICHLOROPROPANE	A	641	21:24	BU	0.002	UG/G
35	TOLUENE	A	738	24:38	BU	0.001	UG/G
33	TETRACHLOROETHENE	A	789	26:20	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62527 Quan Entries: 23
 Comment: USCG SOIL# 14 dup 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
34	DIBROMOCHLOROMETHANE	A	797	26:36	BB	0.000	UG/G
36	CHLOROBENZENE	A	872	29:06	BB	0.000	UG/G
38	ETHYLBENZENE	A	875	29:12	BU	0.000	UG/G
40	O-XYLENE	A	980	32:42	BB	0.001	UG/G
42	BROMOFORM	A	967	32:16	UB	0.000	UG/G
44	1,1,2,2-TETRACHLORETHA	A	971	32:24	BB	0.000	UG/G

chromatogram Comment: USCG SOIL# 15 96-62525 Acquired: Oct-03-1996 12:12:38
 Scan Range: 51 - 1380 Scan: 51 @5C/MIN to 220 (5) Int = 544 1:45
 100% = 185563



Quantitation Report Quanfile: 96-62525 Quan Entries: 20
 Comment: USCG SOIL# 15 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	593	19:48	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	565	18:52	UB	0.198	UG/G
3	TOLUENE-D8 (SURROGATE)	A	730	24:22	UB	0.375	UG/G
4	4-BFB (SURROGATE)	A	981	32:44	UB	0.225	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	389	13:00	BB	0.001	UG/G
17	CHLOROFORM	A	508	16:58	BB	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	542	18:06	BB	0.001	UG/G
21	CARBON TETRACHLORIDE	A	544	18:10	BB	0.000	UG/G
22	BENZENE	A	557	19:16	BB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	568	18:58	BU	0.000	UG/G
24	TRICHLOROETHENE	A	626	20:54	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	641	21:24	BB	0.004	UG/G
29	TOLUENE	A	737	24:36	BU	0.002	UG/G
33	TETRACHLOROETHENE	A	801	26:44	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	796	26:34	BU	0.000	UG/G
36	CHLOROBENZENE	A	871	29:04	BB	0.000	UG/G

Quantitation Report Quanfile: 96-62525 Quan Entries: 20
 Comment: USCG SOIL# 15 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
38	ETHYLBENZENE	A	875	29:12	UU	0.000	UG/G
40	O-XYLENE	A	981	32:44	BB	0.001	UG/G
42	BROMOFORM	A	962	32:06	UB	0.000	UG/G

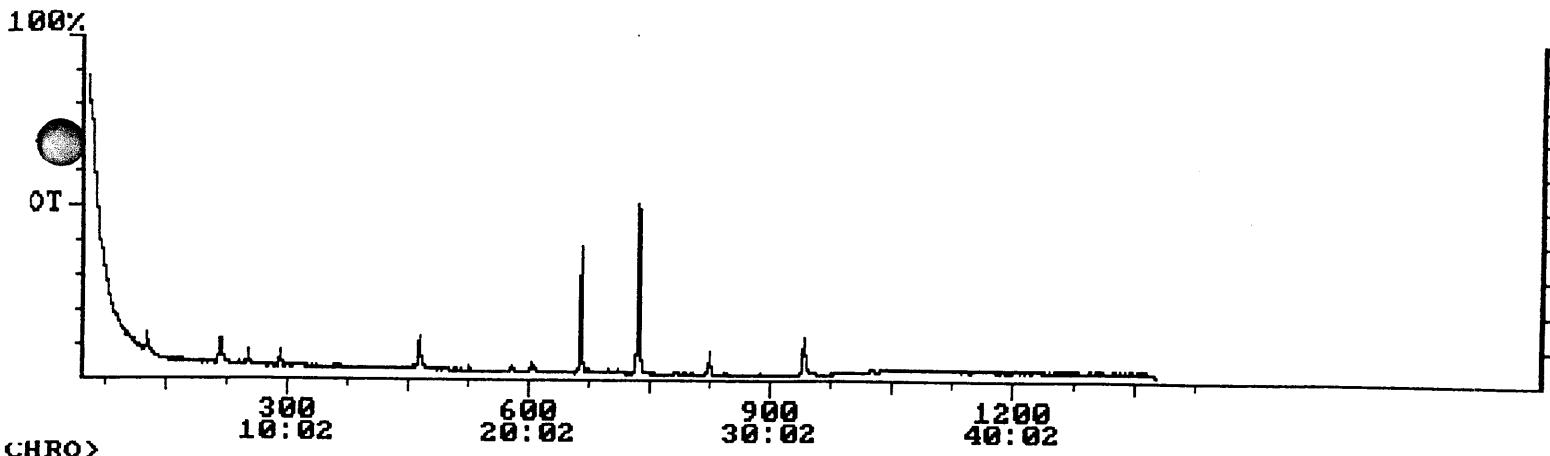
96-625

U.S.C.G.S. WILLETS POINT N.Y.

SEMI-VOLATILE ORGANIC CHROMATOGRAMS

SAMPLE# 1-15

Chromatogram Comment: USCG SOIL #1 625-15
 Scan Range: 51 - 1380 Scan: 51 Int = 101004 Acquired: Oct-09-1996 04:03:26
 55(4)@8C/MIN TO 300(11) @ 1:45 100% = 349221



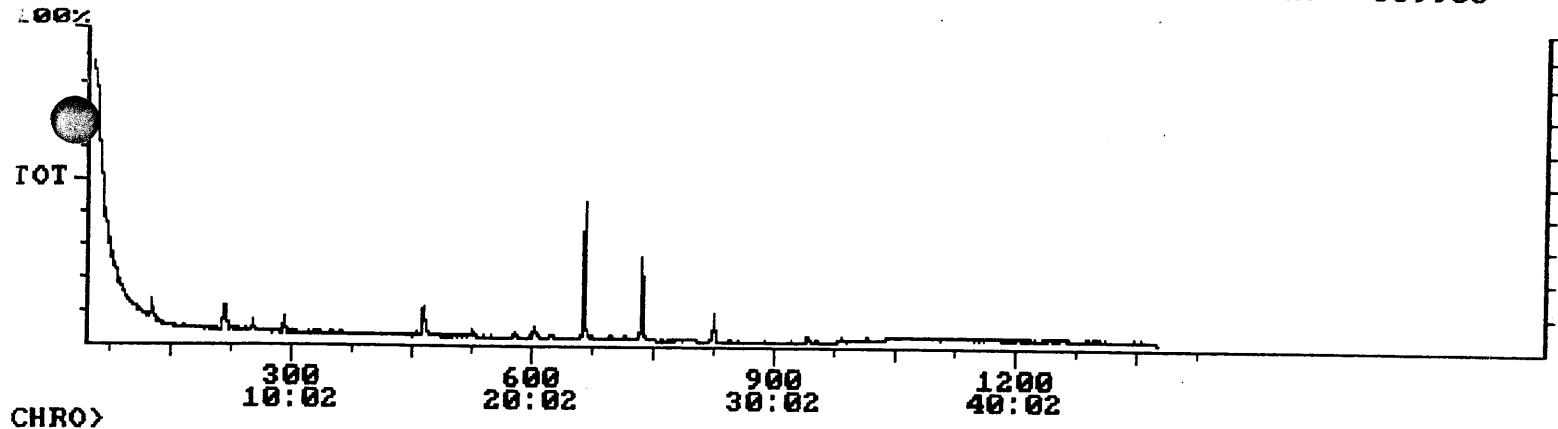
Quantitation Report Quanfile: 625-15
 Comment: USCG SOIL #1 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ Quan Entries: 20
 (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
2	PHENOL	A	217	7:16	BB	0.023	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.016	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.049	PPM
23	DIBUTYLPHthalATE	A	737	24:36	BB	0.175	PPM
24	BUTYLBENZYLPHthalATE	A	882	29:26	UB	0.008	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	BB	2.634	PPM
41	NAPHTHALENE	A	357	11:56	BB	0.003	PPM
43	ACENAPHTHENE	A	529	17:40	BB	0.003	PPM
44	FLUORENE	A	5???	19:16	BB	0.007	PPM
45	PHENANTHRENE	A	668	22:18	BB	0.036	PPM
46	ANTHRACENE	A	668	22:18	BB	0.047	PPM
47	FLUORANTHENE	A	783	26:08	BB	0.098	PPM
48	PYRENE	A	803	26:48	BB	0.089	PPM
75	1,2-DICHLORBENZ-D4(SUR)	A	253	7:28	BB	1.857	PPM
76	2-FLUOROBIPHENYL(SURR)	A	465	15:32	BB	2.846	PPM
78	4-TERPHENYL-D14(SURR)	A	825	27:32	BU	2.432	PPM

Quantitation Report Quanfile: 625-15
 Comment: USCG SOIL #1 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ Quan Entries: 20
 (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	3.624	PPM
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	3.479	PPM
82	2,4,6-TRIBROMOPHEN(SUR)	A	603	20:08	BB	1.336	PPM

Chromatogram
 Comment: USCG SOIL #2 Scan Range: 51 - 1380 625-16 Scan: 51 Acquired: Oct-09-1996 55(4)@8C/MIN TO 300(11), 05:01:27
 Int = 102229 @ 1:45 100% = 359933



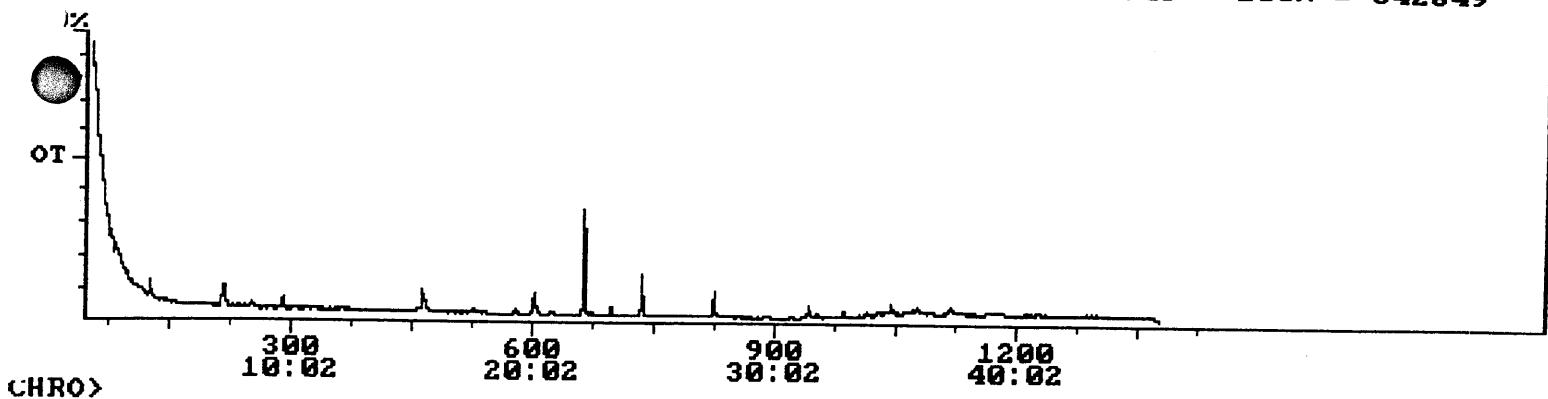
Quantitation Report Quanfile: 625-16
 Comment: USCG SOIL #2 Quan Entries: 20
 Sorted via: Entry Number ↑ 55(4)@8C/MIN TO 300(11)
 (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10 (IS)	I	666	22:14	BU	9.523	PPM
2	PHENOL	A	218	7:18	BB	0.014	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.016	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.074	PPM
22	4-BROMOPHENYLPHENETHER	A	627	20:56	BB	0.005	PPM
24	DI BUTYLPHthalATE	A	737	22:36	BB	4.481	PPM
25	BUTYLBENZYLPHthalATE	A	881	22:44	BU	0.024	PPM
43	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	BB	0.286	PPM
14	ACENAPHTHENE	A	529	17:40	BB	0.003	PPM
15	FLUORENE	A	576	19:14	BB	0.002	PPM
16	PHENANTHRENE	A	668	22:18	BB	0.019	PPM
17	ANTHRACENE	A	668	22:18	BB	0.024	PPM
18	FLUORANTHENE	A	776	22:54	BB	0.001	PPM
25	PYRENE	A	803	26:48	BB	0.036	PPM
26	1,2-DICHLOROBENZ-D4(SURR)	A	253	15:28	BB	1.324	PPM
78	2-FLUORIBIPHENYL(SURR)	A	465	15:32	BB	2.512	PPM
	4-TERPHENYL-D14(SURR)	A	825	27:32	BB	2.647	PPM

Quantitation Report Quanfile: 625-16
 Comment: USCG SOIL #2 Quan Entries: 20
 Sorted via: Entry Number ↑ 55(4)@8C/MIN TO 300(11)
 (\$S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	3.315	PPM
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	2.940	PPM
82	2,4,6-TRIBROMOPHEN(SURR)	A	603	20:08	BU	1.552	PPM

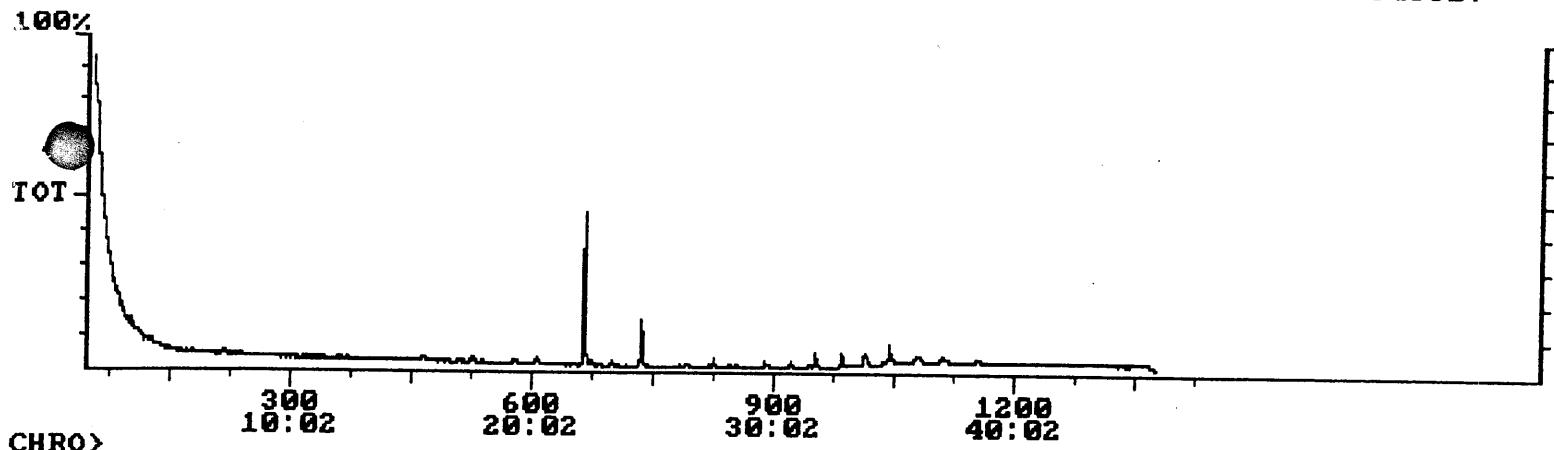
chromatogram
 Comment: USCG SOIL #3 Scan Range: 51 - 1380 625-28 Scan: 51 Acquired: Oct-09-1996 16:44:39
 Scan Range: 51 - 1380 Scan: 51 Int = 108544 C 1:45 100% = 342849



Quantitation Report Quanfile: 625-28 Quan Entries: 16
 Comment: USCG SOIL #3 55(4)@8C/MIN TO 300(11) (S) = Standard
 Entered via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	665	22:12	BU	9.523	PPM
18	DIMETHYL PHTHALATE	A	511	17:04	BB	0.020	PPM
19	DIETHYL PHTHALATE	A	579	19:20	BB	0.129	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.060	PPM
22	4-BROMOPHENYLPHENETHER	A	627	20:56	BB	0.005	PPM
23	DI BUTYL PHTHALATE	A	737	24:36	UB	3.127	PPM
24	BUTYL BENZYL PHTHALATE	A	880	29:22	BU	0.046	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	943	31:28	UU	0.577	PPM
26	DI-N-OCTYL PHTHALATE	A	1000	33:22	UU	0.037	PPM
27	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	2.198	PPM
28	NITROBENZENE-D5(SURR)	A	291	9:44	UB	1.843	PPM
29	4-TERPHENYL-D14(SURR)	A	825	27:32	BU	2.736	PPM
30	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	3.415	PPM
31	2-FLUOROPHENOL(SURR)	A	127	4:16	BB	3.224	PPM
32	PHENOL-D5(SURR)	A	216	? 14	BB	3.976	PPM
	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	3.537	PPM

Chromatogram
 Comment: USCG SOIL #4 625-17
 Scan Range: 51 - 1380 Scan: 51 Int = 94185 Acquired: Oct-09-1996 05:59:28
 55(4)E8C/MIN TO 300(11) @ 1:45 100% = 345827



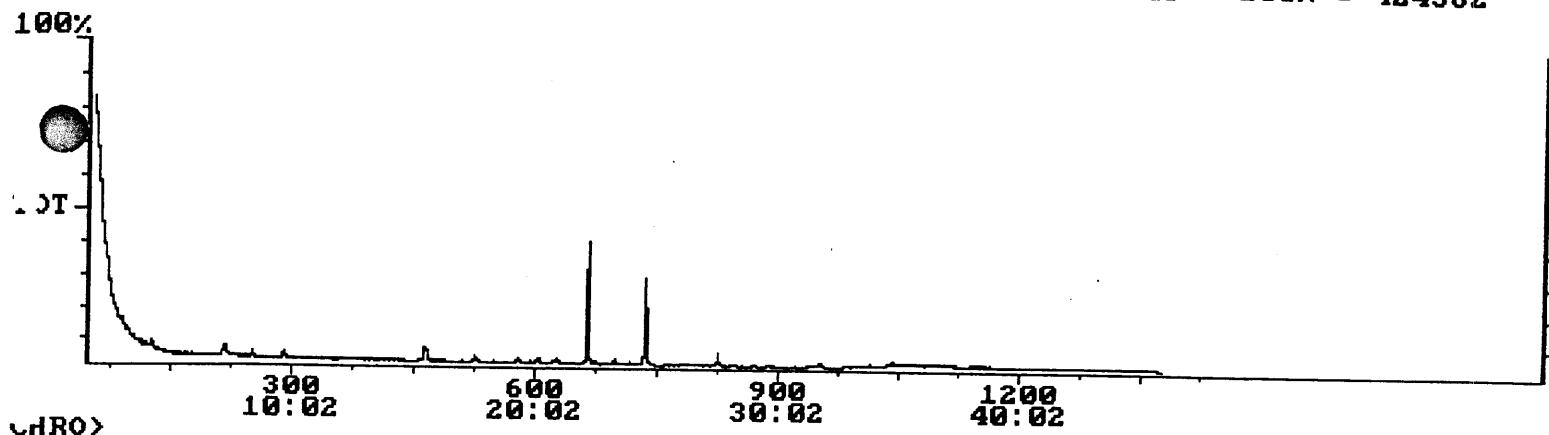
Quantitation Report Quanfile: 625-17 Quan Entries: 15
 Comment: USCG SOIL #4 55(4)E8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
18	DIMETHYLPHTHALATE	AA	512	17:06	BB	0.002	PPM
19	DIETHYLPHTHALATE	AA	580	19:22	BB	0.031	PPM
23	DIBUTYLPHTHALATE	AA	737	24:36	BB	0.368	PPM
24	BUTYLBENZYLPHthalate	AA	881	22:24	BU	0.015	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	AA	944	31:30	BU	0.101	PPM
45	PHENANTHRENE	AA	666	22:14	BB	0.010	PPM
46	ANTHRACENE	AA	666	22:14	BB	0.013	PPM
48	PYRENE	AA	803	26:48	BB	0.017	PPM
75	1,2-DICHLOROBENZ-D4(SUR)	AA	253	8:28	BB	0.122	PPM
76	2-FLUOROBIPHENYL(SURR)	AA	465	15:32	BB	0.259	PPM
78	4-TERPHENYL-D14(SURR)	AA	826	27:34	BB	1.098	PPM
89	2-CHLOROPHENOL-D4(SURR)	AA	219	7:20	BB	0.409	PPM
80	2-FLUOROPHENOL(SURR)	AA	128	4:18	BB	0.507	PPM
82	2,4,6-TRIBROMOPHEN(SUR)	A	603	20:08	BB	0.364	PPM

Chromatogram
Comment: USCG SOIL #5
Scan Range: 51 - 1380

625-18

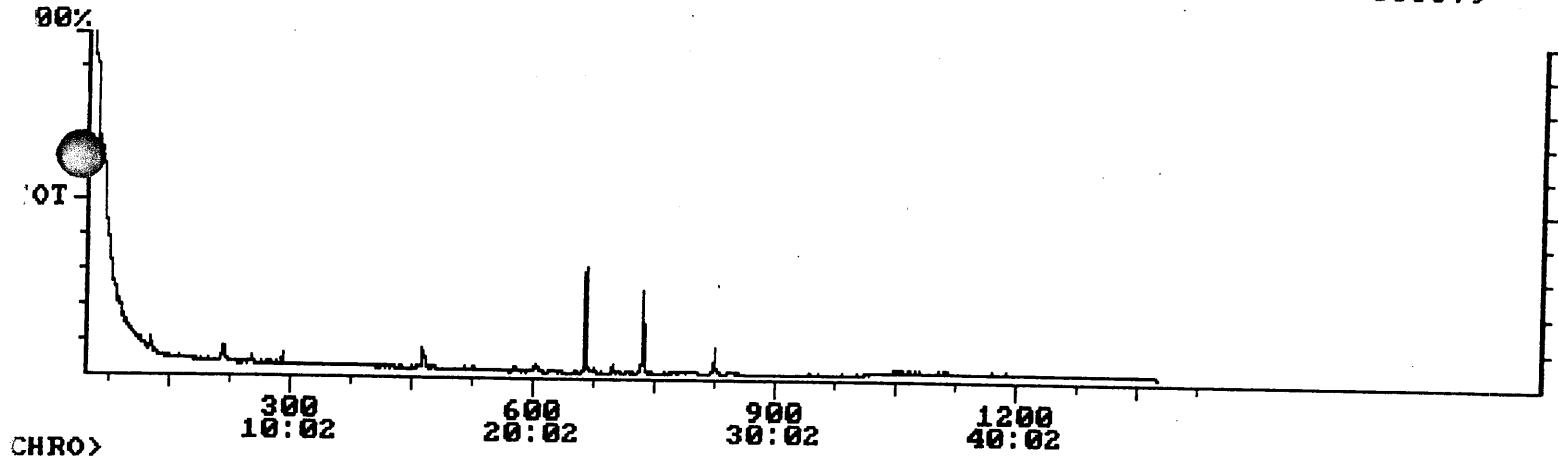
Scan: 51

Acquired: Oct-09-1996 06:57:30
55(4)@8C/MIN TO 300(11)
Int = 138743 @ 1:45 100% = 424362

Quantitation Report Quanfile: 625-18 Quan Entries: 15
Comment: USCG SOIL #5 55(4)@8C/MIN TO 300(11)
Reported via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
2	PHENOL	AA	217	7:16	BB	0.023	PPM
18	DIMETHYLPHthalATE	AA	512	17:06	BB	0.017	PPM
19	DIETHYLPHthalATE	AA	580	19:22	BB	0.060	PPM
23	DIBUTYLPHthalATE	AA	737	24:36	BU	4.994	PPM
24	BUTYLBENZYLPHthalATE	AA	881	29:24	UU	0.017	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	AA	943	31:28	BU	0.178	PPM
44	FLUORENE	AA	576	19:14	BB	0.004	PPM
48	PYRENE	AA	803	26:48	BB	0.013	PPM
75	1,2-DICHLORBENZ-D4(SUR)	AA	253	8:28	BB	0.842	PPM
76	2-FLUORIBIPHENYL(SURR)	AA	465	15:32	BB	1.467	PPM
78	4-TERPHENYL-D14(SURR)	AA	826	27:34	BB	1.835	PPM
79	2-CHLOROPHENOL-D4(SURR)	AA	219	7:20	BB	1.659	PPM
80	2-FLUOROPHENOL(SURR)	AA	129	4:18	BB	1.496	PPM
82	2,4,6-TRIBROMOPHEN(SUR)	A	603	20:08	BB	0.830	PPM

nromatogram
Comment: USCG SOIL #6 Scan Range: 51 - 1380 Scan: 51 Int = 95436 @ 1:45 100% = 385379



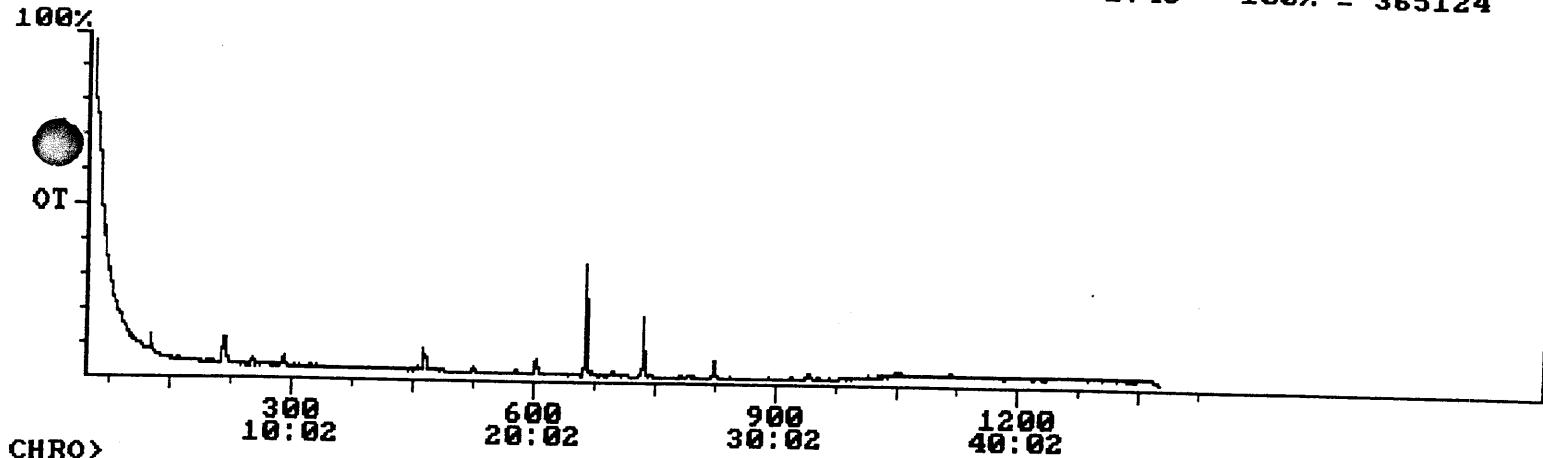
Quantitation Report Quanfile: 625-19
Comment: USCG SOIL #6 55(4)@8C/MIN TO 300(11) Quan Entries: 18
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	665	22:12	BB	9.523	PPM
2	PHENOL	A	217	7:16	BB	0.037	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.019	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.061	PPM
23	DiBUTYLPHthalATE	A	737	24:36	BU	0.434	PPM
24	BUTYLBENZYLPHthalATE	A	881	29:24	BB	0.045	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	944	31:30	BU	0.115	PPM
44	FLUORENE	A	578	19:18	BB	0.006	PPM
45	PHENANTHRENE	A	671	22:24	BB	0.006	PPM
46	ANTHRACENE	A	671	22:24	BB	0.006	PPM
7	FLUORANTHENE	A	776	22:24	BB	0.008	PPM
8	PYRENE	A	803	26:48	BB	0.002	PPM
5	1,2-DICHLORBENZ-D4(SUR	A	253	8:28	BB	0.038	PPM
6	2-FLUORIBIPHENYL(SURR)	A	464	15:30	BB	0.987	PPM
78	4-TERPHENYL-D14(SURR)	A	825	27:32	BB	1.933	PPM
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	2.433	PPM
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	2.519	PPM
						2.158	PPM

Quantitation Report Quanfile: 625-19
Comment: USCG SOIL #6 55(4)@8C/MIN TO 300(11) Quan Entries: 18
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BU	0.998	PPM

Chromatogram
 Comment: USCG SOIL #7 625-30 Acquired: Oct-09-1996 18:42:41
 Scan Range: 51 - 1380 Scan: 51 Int = 100298 55(4)@8C/MIN TO 300(11)
 1:45 100% = 365124



Quantitation Report
 Comment: USCG SOIL #7 Quanfile: 625-30
 Entered via: Entry Number ↑

Quan Entries: 15
 55(4)@8C/MIN TO 300(11)
 (S) = Standard

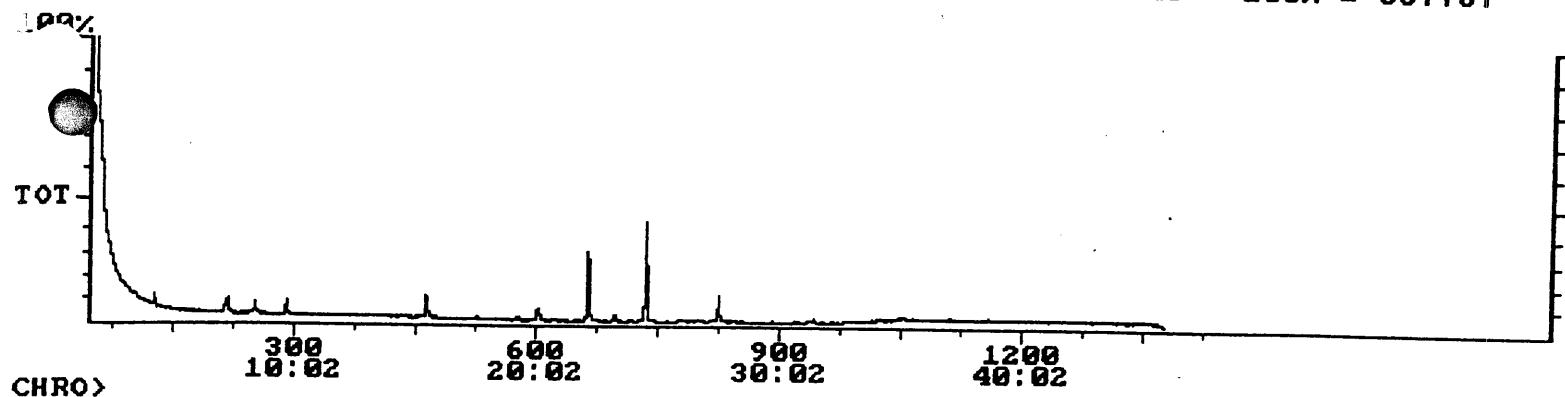
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	665	22:12	BU	9.523	PPM
16	NITROSODIMETHYLAMINE	A	67	22:16	BB	0.114	PPM
18	DIMETHYLPHTHALATE	A	510	17:02	BB	0.016	PPM
19	DIETHYLPHTHALATE	A	579	19:20	BB	0.047	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.042	PPM
23	DIBUTYLPHTHALATE	A	737	24:36	BB	4.118	PPM
24	BUTYLBENZYL PHTHALATE	A	880	29:22	BB	0.047	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	941	31:24	BB	0.239	PPM
76	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	1.959	PPM
77	NITROBENZENE-D5(SURR)	A	291	9:44	BB	1.567	PPM
78	4-TERPHENYL-D14(SURR)	A	824	27:30	BU	2.143	PPM
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	4.087	PPM
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	3.682	PPM
81	PHENOL-D5(SURR)	A	216	7:14	BB	4.724	PPM
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	2.688	PPM

Chromatogram
Comment: USCG SOIL #8 Scan Range: 51 - 1380

625-32

Scan: 51

Acquired: Oct-09-1996 55(4)@8C/MIN TO 300(iii)
Int = 95601 @ 1:45 100% = 367787



Quantitation Report
Comment: USCG SOIL #8
Sorted via: Entry Number ↑

Quanfile: 625-32

Quan Entries: 15
55(4)@8C/MIN TO 300(iii)
(S) = Standard

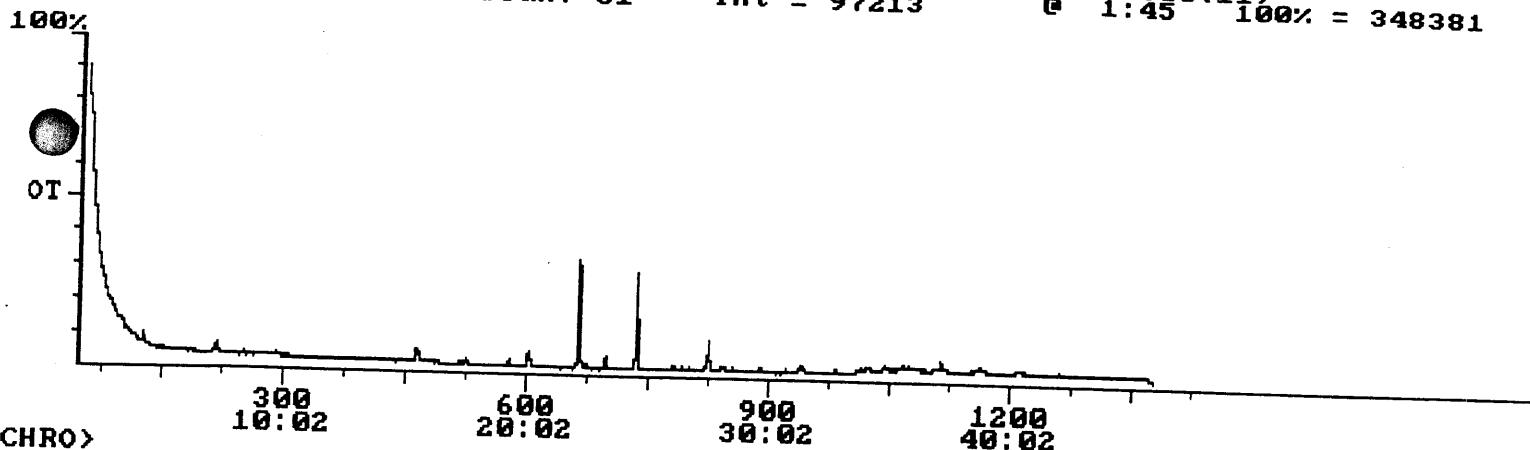
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	665	22:12	BB	9.523	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.016	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.041	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.049	PPM
22	4-BROMOPHENYLPHENETHER	AA	626	20:54	BB	0.006	PPM
23	DI BUTYLPHthalATE	AA	737	24:36	BB	7.985	PPM
24	BUTYLBENZYLPHthalATE	AA	880	29:22	UB	0.042	PPM
25	BIS(2-ETHYLHEXYL)PHtha	AA	942	31:26	BB	0.177	PPM
76	2-FLUOROBIPHENYL(SURR)	AA	464	15:30	BB	3.307	PPM
77	NITROBENZENE-D5(SURR)	AA	291	9:44	BU	2.518	PPM
78	4-TERPHENYL-D14(SURR)	AA	825	27:32	BB	3.686	PPM
79	2-CHLOROPHENOL-D4(SURR)	AA	219	7:20	BB	3.377	PPM
80	2-FLUOROPHENOL(SURR)	AA	128	4:18	BB	2.250	PPM
81	PHENOL-D5(SURR)	AA	216	7:14	BB	2.825	PPM
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BU	2.897	PPM

Comment: USCG SOIL #9
Scan Range: 51 - 1380

625-34

Scan: 51

55(4)@8C/MIN TO 300(11)
Int = 97213 @ 1:45 100% = 348381



Quantitation Report
Comment: USCG SOIL #9
Quanfile: 625-34
Sorted via: Entry Number ↑

55(4)@8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE-D-10(S)	I	665	22:12	BB	9.523	PPM
16	NITROSODIMETHYLAMINE	I	63	22:08	BB	0.108	PPM
17	BIS(2-CHLOROETOXY)METH	A	340	11:22	BB	0.003	PPM
18	DIMETHYLPHthalate	A	511	17:04	BB	0.019	PPM
19	DIETHYLPHthalate	A	580	19:22	BB	0.066	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.058	PPM
22	4-BROMOPHENYLPHENETHER	A	627	20:56	BB	0.010	PPM
23	DI BUTYLPHthalate	A	737	24:36	BU	0.207	PPM
24	BUTYLBENZYLPHthalate	A	881	29:24	BU	0.038	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	941	31:24	BU	0.200	PPM
26	DI-N-OCTYL PHTHALATE	A	1000	33:22	BB	0.011	PPM
27	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	1.309	PPM
28	NITROBENZENE-D5(SURR)	A	291	9:44	BB	0.606	PPM
29	4-TERPHENYL-D14(SURR)	A	825	27:32	BU	2.624	PPM
30	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	1.475	PPM
31	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	1.579	PPM
32	PHENOL-D5(SURR)	A	216	7:14	BB	1.321	PPM

Quantitation Report
Comment: USCG SOIL #9
Sorted via: Entry Number ↑

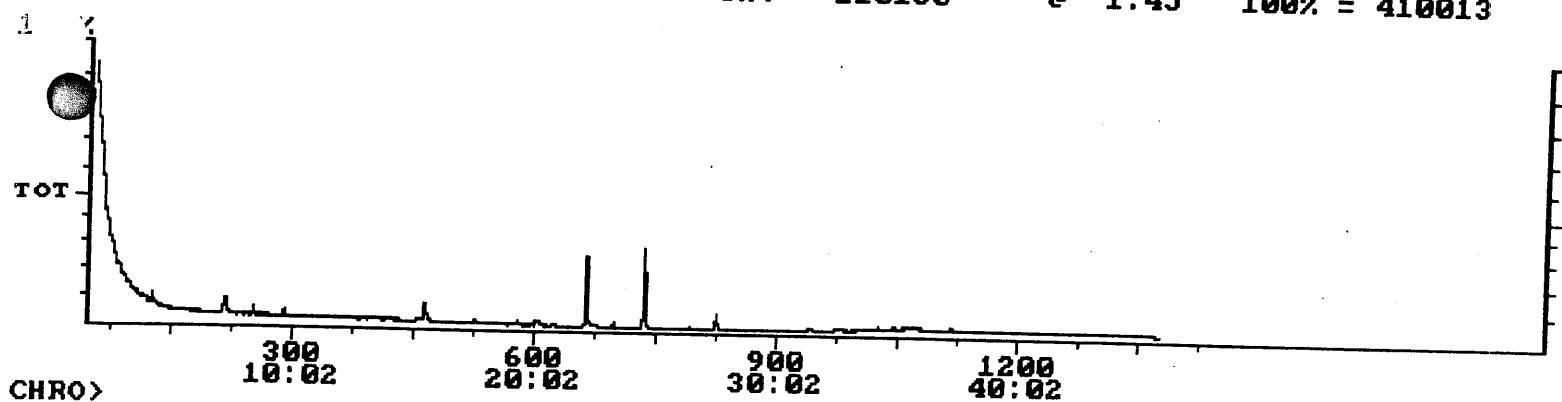
Quanfile: 625-34

55(4)@8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BU	2.462	PPM

Chromatogram
Comment: USCG SOIL #10 625-20
Scan Range: 51 - 1380 Scan: 51

Acquired: Oct-09-1996 08:53:32
55(4)@8C/MIN TO 300(11)
Int = 110160 @ 1:45 100% = 410013



Quantitation Report Quanfile: 625-20
Comment: USCG SOIL #10 55(4)@8C/MIN TO 300(11) Quan Entries: 18
Sorted via: Entry Number ↑ (S) = Standard

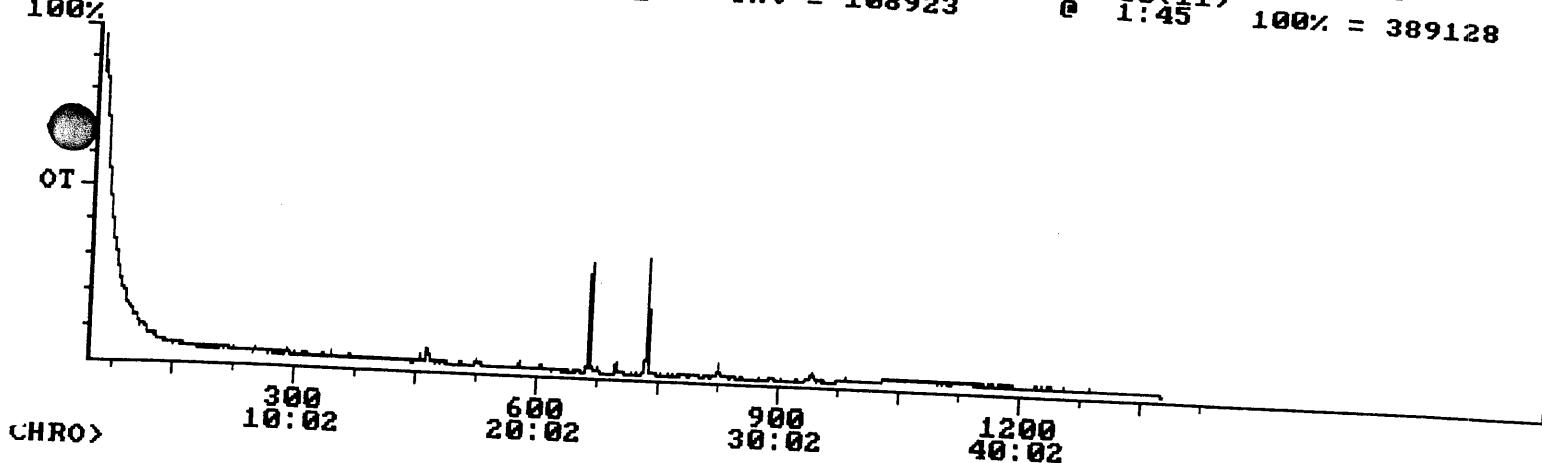
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BB	9.523	PPM
2	PHENOL	A	217	7:16	BB	0.019	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.009	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.039	PPM
23	DI BUTYLPHthalATE	A	737	24:36	BB	6.985	PPM
24	BUTYLBENZYLPHthalATE	A	881	29:24	BB	0.050	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	UU	0.132	PPM
44	FLUORENE	A	577	19:16	BB	0.002	PPM
45	PHENANTHRENE	A	671	22:24	BB	0.001	PPM
46	ANTHRACENE	A	671	22:24	BB	0.002	PPM
47	FLUORANTHENE	A	777	22:56	BB	0.001	PPM
48	PYRENE	A	803	26:48	BB	0.016	PPM
55	1,2-DICHLORBENZ-D4(SUR)	A	253	26:28	BB	1.594	PPM
76	2-FLUORIBIPHENYL(SURR)	A	464	15:30	BB	2.442	PPM
78	4-TERPHENYL-D14(SURR)	A	825	27:32	BB	2.515	PPM
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	2.599	PPM
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	2.768	PPM

Quantitation Report Quanfile: 625-20 Quan Entries: 18
Comment: USCG SOIL #10 55(4)@8C/MIN TO 300(11) (S) = Standard
Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
82	2,4,6-TRIBROMOPHEN(SUR)	A	603	20:08	BU	0.887	PPM

Chromatogram
Comment: USCG SOIL #11 625-21
Scan Range: 51 - 1380 Scan: 51

Acquired: Oct-09-1996 Int = 108923 @ 1:45 09:51:32
55(4)@8C/MIN TO 300(11) 100% = 389128

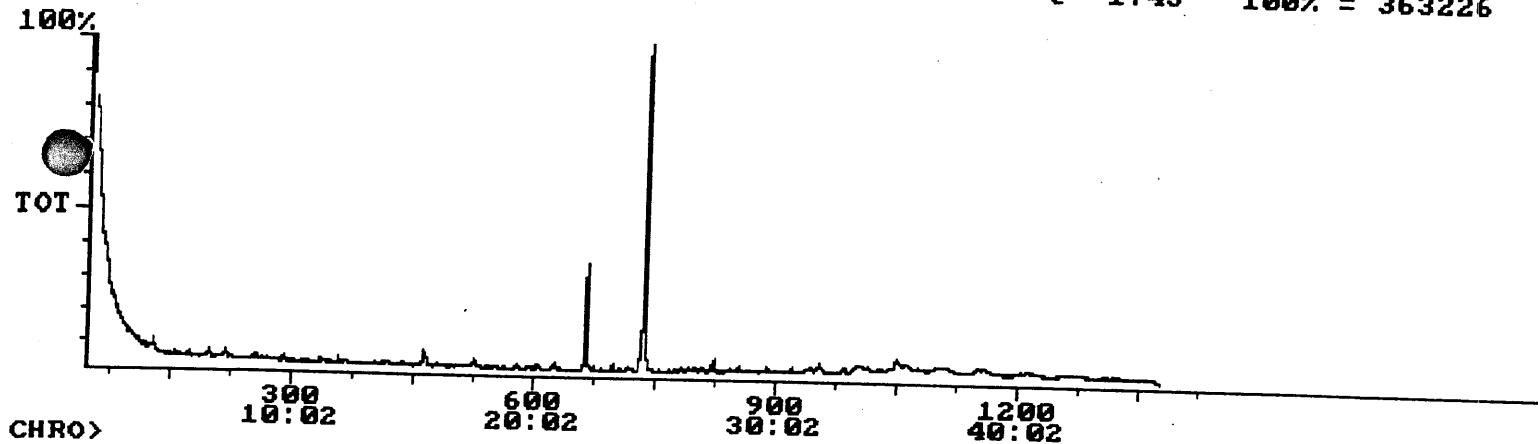


Quantitation Report Quanfile: 625-21 Quan Entries: 15
Comment: USCG SOIL #11 55(4)@8C/MIN TO 300(11)
Entered via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.019	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.068	PPM
23	DIBUTYLPHthalATE	A	737	24:36	BB	0.735	PPM
24	BUTYLBENZYLPHthalATE	A	880	22:22	UV	0.014	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	UB	0.301	PPM
45	PHENANTHRENE	A	672	22:26	BB	0.003	PPM
46	ANTHRACENE	A	672	22:26	BB	0.004	PPM
48	PYRENE	A	803	26:48	BB	0.009	PPM
75	1,2-DICHLORBENZ-D4(SUR	A	253	8:28	BB	0.380	PPM
76	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	1.177	PPM
78	4-TERPHENYL-D14(SURR)	A	826	27:34	BU	1.565	PPM
80	2-CHLOROPHENOL-D4(SURR)	A	219	?:20	BB	0.410	PPM
82	2-FLUOROPHENOL(SURR)	A	127	4:16	BB	0.262	PPM
	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	0.110	PPM

Chromatogram
Comment: USCG SOIL #11DUP 625-22
Scan Range: 51 - 1380 Scan: 51

Req'd: VGT-WY-1226 55(4)@8C/MIN TO 300(11) Int = 95114 @ 1:45 100% = 363226



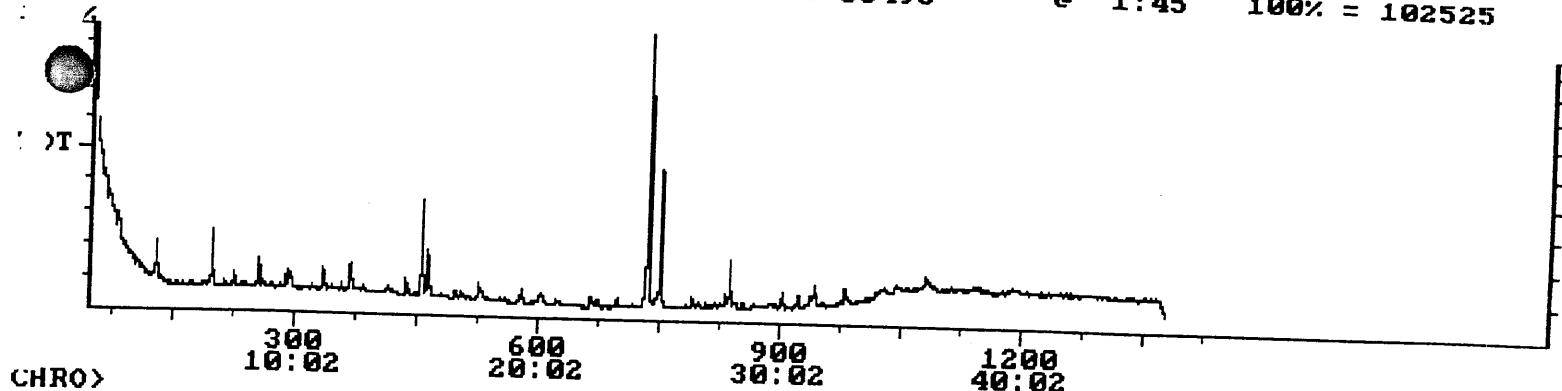
Quantitation Report Quanfile: 625-22
Comment: USCG SOIL #11DUP 55(4)@8C/MIN TO 300(11) Quan Entries: 19
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.035	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.072	PPM
23	DI BUTYLPHthalATE	A	738	24:38	BU	0.018	PPM
24	BUTYLBENZYLPHthalATE	A	881	29:24	UV	0.032	PPM
25	BIS(2-ETHYLHEXYL)PHTHALATE	A	943	31:28	UV	0.248	PPM
26	DI-N-OCTYL PHTHALATE	A	1003	33:28	BU	0.028	PPM
41	NAPHTHALENE	A	357	11:56	BB	0.005	PPM
44	FLUORENE	A	576	19:14	BB	0.002	PPM
45	PHENANTHRENE	A	668	22:18	BB	0.005	PPM
46	ANTHRACENE	A	668	22:18	BB	0.006	PPM
47	FLUORANTHENE	A	777	25:56	BB	0.001	PPM
75	PYRENE	A	882	26:46	BB	0.002	PPM
76	1,2-DICHLOROBENZ-D4(SURR)	A	253	28:28	BB	0.226	PPM
78	2-FLUORIBIPHENYL(SURR)	A	464	15:30	BB	1.568	PPM
79	4-TERPHENYL-D14(SURR)	A	824	27:30	BU	1.886	PPM
	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	1.753	PPM

Quantitation Report Quanfile: 625-22
Comment: USCG SOIL #11DUP 55(4)@8C/MIN TO 300(11) Quan Entries: 19
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	0.282	PPM
82	2,4,6-TRIBROMOPHEN(SURR)	A	603	20:08	BB	0.023	PPM

Chromatogram
 Comment: USCG SOIL #12 625-23
 Scan Range: 51 - 1380 Scan: 51 Acquired: Oct-09-1996 11:49:34
 55(4)@8C/MIN TO 300(11) @ 1:45
 Int = 35495 % = 102525



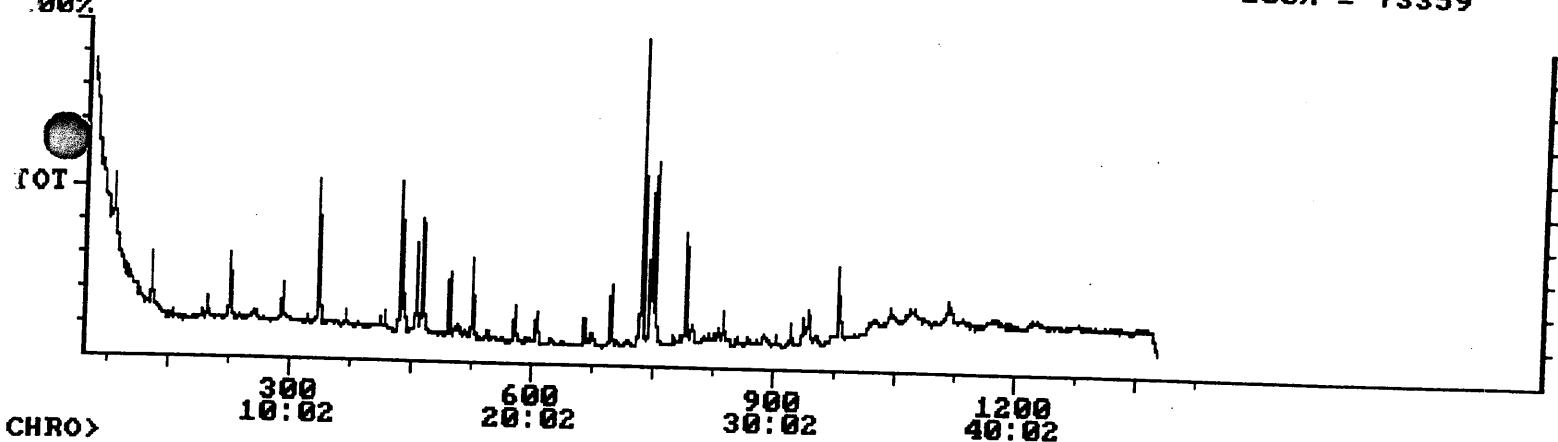
Quantitation Report Quanfile: 625-22
 Comment: USCG SOIL #11DUP Quan Entries: 19
 Sorted via: Entry Number ↑ 55(4)@8C/MIN TO 300(11)
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BU	9.523	PPM
18	DIMETHYLPHthalATE	A	511	17:04	BB	0.035	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.072	PPM
23	DIBUTYLPHthalATE	A	738	24:38	BU	15.018	PPM
24	BUTYLBENZYLPHthalATE	A	881	29:24	UV	0.018	PPM
25	BIS(2-Ethylhexyl)PHTHALATE	A	943	31:28	UV	0.248	PPM
26	DI-N-OCTYL PHTHALATE	A	1003	33:28	BU	0.028	PPM
41	NAPHTHALENE	A	357	11:56	BB	0.005	PPM
14	FLUORENE	A	576	19:14	BB	0.002	PPM
15	PHENANTHRENE	A	668	22:18	BB	0.005	PPM
46	ANTHRACENE	A	668	22:19	BB	0.006	PPM
17	FLUORANTHENE	A	777	25:56	BB	0.001	PPM
48	PYRENE	A	802	26:46	BB	0.002	PPM
75	1,2-DICHLORBENZ-D4(SUR)	A	253	15:26	BB	0.226	PPM
76	2-FLUOROBIPHENYL(SURR)	A	464	27:30	BB	1.568	PPM
78	4-TERPHENYL-D14(SURR)	A	824	7:20	BU	1.886	PPM
79	2-CHLOROPHENOL-D4(SURR)	A	219		BB	1.753	PPM

Quantitation Report Quanfile: 625-22
 Comment: USCG SOIL #11DUP Quan Entries: 19
 Sorted via: Entry Number ↑ 55(4)@8C/MIN TO 300(11)
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
80	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	0.282	PPM
82	2,4,6-TRIBROMOPHEN(SUR)	A	603	20:08	BB	0.023	PPM

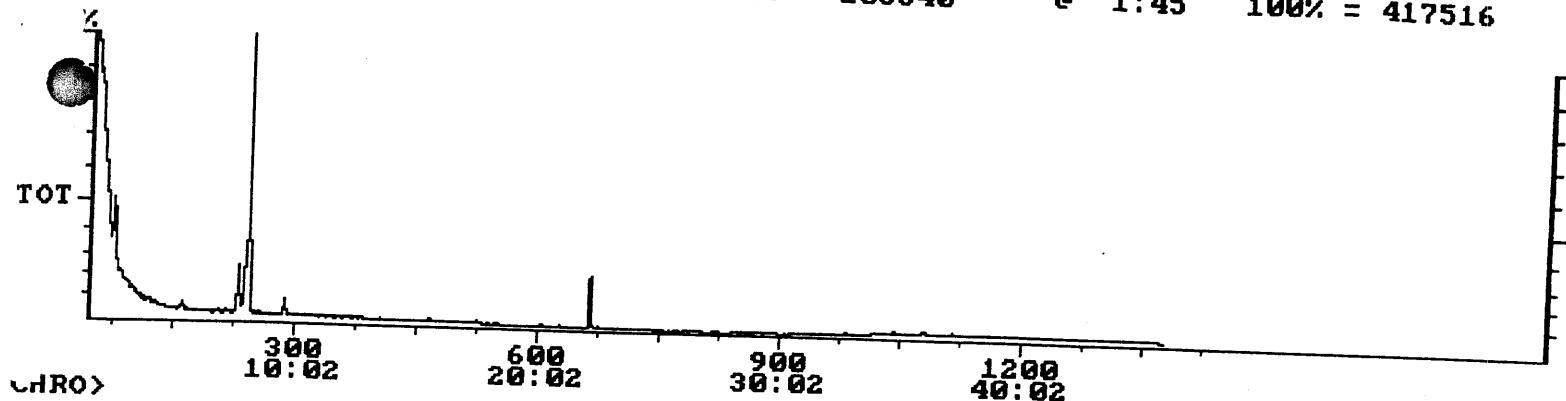
Chromatogram Comment: USCG SOIL #13 Scan Range: 51 - 1380 625-24 Scan: 51 Acquired: Oct-09-1996 55(4)@8C/MIN TO 300(11) Int = 36116 @ 1:45 12:48:35 100% = 73359



Quantitation Report Comment: USCG SOIL #13 Quanfile: 625-24 Quan Entries: 14 Sorted via: Entry Number ↑ 55(4)@8C/MIN TO 300(11) (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	665	22:12	BB	9.523	PPM
8	2,4,6-TRICHLOROPHENOL	A	457	15:16	BB	3.258	PPM
16	NITROSODIMETHYLAMINE	A	64	2:10	BB	0.853	PPM
18	DIMETHYLPHthalate	A	511	17:04	BB	0.643	PPM
19	DIETHYLPHthalate	A	580	19:22	BB	2.000	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	1.493	PPM
22	4-BROMOPHENYLPHENETHER	A	626	20:54	BB	0.162	PPM
23	DI BUTYLPHthalate	A	737	24:36	BB	48.797	PPM
24	BUTYLBENZYLPHthalate	A	881	29:24	UU	1.004	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	BU	3.801	PPM
76	2-FLUORIBIPHENYL(SURR)	A	464	15:30	BB	13.961	PPM
77	NITROBENZENE-D5(SURR)	A	291	9:44	UB	36.686	PPM
78	4-TERPHENYL-D14(SURR)	A	826	27:34	BB	1.336	PPM
2	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	1.551	PPM

Chromatogram
 Comment: USCG SOIL #14 625-25
 Scan Range: 51 - 1380 Scan: 51 Acquired: Oct-09-1996 13:47:36
 Int = 105540 @ 1:45 100% = 417516



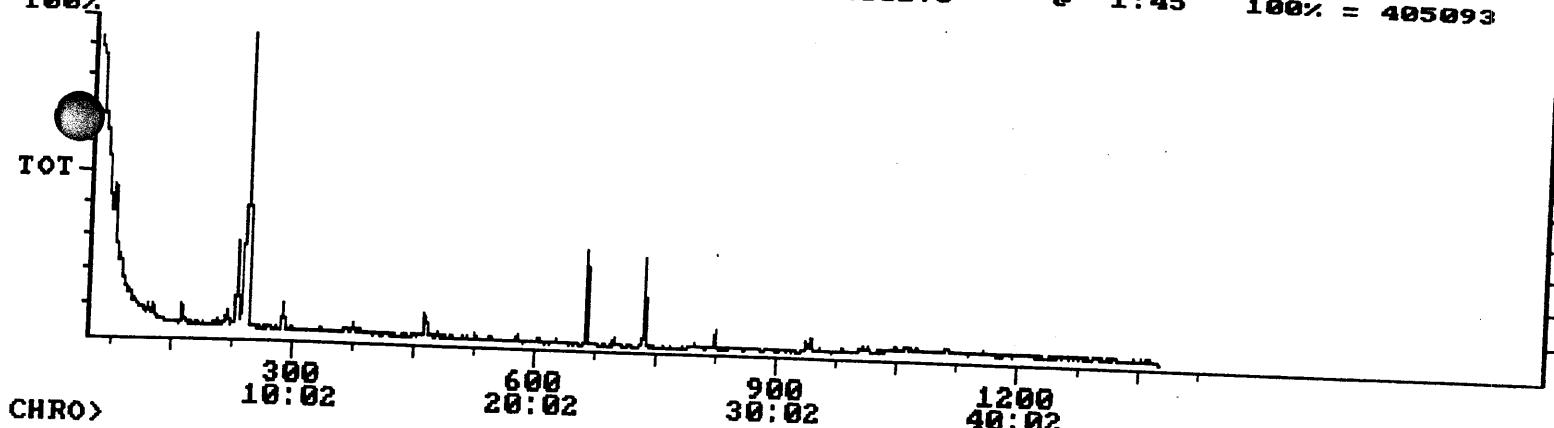
Quantitation Report Quanfile: 625-25 Quan Entries: 10
 Comment: USCG SOIL #14 55(4)@8C/MIN TO 300(11)
 Entered via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	666	22:14	BB	9.523	PPM
17	BIS(2-CHLOROETOXY)METH	A	342	11:26	BB	0.003	PPM
19	DIETHYLPHthalATE	A	580	19:22	BB	0.015	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.058	PPM
22	4-BROMOPHENYLPHENETHER	A	625	20:52	BB	0.005	PPM
23	DIBUTYLPHthalATE	A	737	24:36	BB	0.174	PPM
24	BUTYLBENZYLPHthalATE	A	881	29:24	BB	0.016	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	BB	0.052	PPM
28	4-TERPHENYL-D14(SURR)	A	825	27:32	BB	0.082	PPM
32	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	0.004	PPM

Chromatogram
 Comment: USCG SOIL #14 625-26
 Scan Range: 51 - 1380 Scan: 51

55(4)@8C/MIN 98^{t=89-1996}
 Int = 100275 1:45

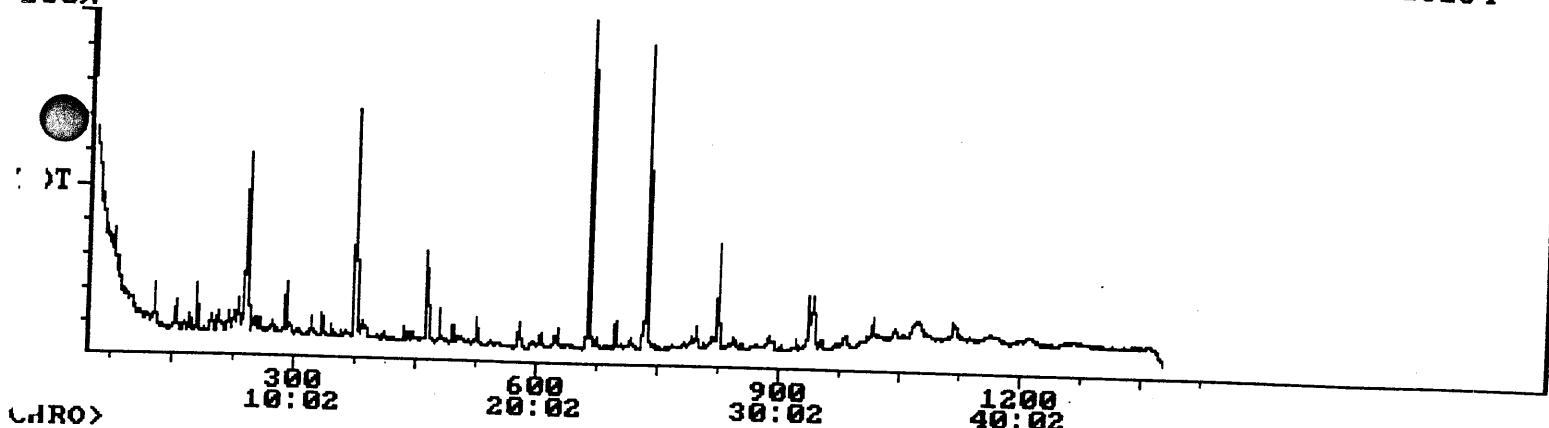
14:46:37
 100% = 405093



Quantitation Report
 Comment: USCG SOIL #14 DUP Quanfile: 625-26
 Sorted via: Entry Number ↑ Quan Entries: 16
 55(4)@8C/MIN TO 300(11)
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
16	PHENANTHRENE D-10(S)	I	665	22:12	BU	9.523	PPM
18	NITROSODIMETHYLAMINE	A	57	1:56	BB	0.526	PPM
19	DIMETHYLPHthalATE	A	511	17:04	BB	0.631	PPM
20	DIETHYLPHthalATE	A	579	19:20	BB	0.094	PPM
21	4-CHLOROPHENYLPHENETHE	A	582	19:26	BB	0.004	PPM
22	NITROSODIPHENYLAMINE	A	594	19:36	BB	0.086	PPM
23	DI BUTYLPHthalATE	A	737	24:36	BB	0.250	PPM
24	BUTYLBENZYLPHthalATE	A	881	22:24	BU	0.028	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	943	22:28	BB	0.0271	PPM
26	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	2.603	PPM
27	NITROBENZENE-D5(SURR)	A	291	19:44	BB	1.999	PPM
28	4-TERPHENYL-D14(SURR)	A	625	27:32	BB	1.221	PPM
29	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	2.999	PPM
30	2-FLUOROPHENOL(SURR)	A	128	4:18	BB	1.940	PPM
81	PHENOL-D5(SURR)	A	217	7:16	BB	1.647	PPM
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	0.133	PPM

Chromatogram
 Comment: USCG SOIL #15 625-27 Acquired: Oct-09-1996 15:45:37
 Scan Range: 51 - 1380 Scan: 51 55(4)@8C/MIN TO 300(11) @ 1:45 100% = 116254



Quantitation Report Quanfile: 625-27
 Comment: USCG SOIL #15 55(4)@8C/MIN TO 300(11) Quan Entries: 16
 Entered via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(S)	I	665	22:12	BU	9.523	PPM
8	2,4,6-TRICHLOROPHENOL	I	456	15:14	BB	0.007	PPM
18	DIMETHYL PHTHALATE	A	511	17:04	BB	0.029	PPM
19	DIETHYL PHTHALATE	A	579	19:20	BB	0.101	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	0.027	PPM
23	DIBUTYL PHTHALATE	A	737	24:36	BU	0.835	PPM
24	BUTYL BENZYL PHTHALATE	A	881	29:24	UU	0.054	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	942	31:26	BB	0.619	PPM
26	DI-N-OCTYL PHTHALATE	A	1002	33:26	BB	0.019	PPM
26	2-FLUOROBIPHENYL(SURR)	A	464	15:30	BB	0.164	PPM
77	NITROBENZENE-D5(SURR)	A	291	19:44	BU	0.334	PPM
78	4-TERPHENYL-D14(SURR)	A	825	27:32	BU	0.782	PPM
79	2-CHLOROPHENOL-D4(SURR)	A	219	7:20	BB	0.233	PPM
80	2-FLUOROPHENOL(SURR)	A	127	4:16	BB	0.754	PPM
81	PHENOL-D5(SURR)	A	216	7:14	BB	0.139	PPM
82	2,4,6-TRIBROMOPHEN(SUR	A	603	20:08	BB	0.109	PPM
						0.034	PPM

96-625

U.S.C.G.S. WILLETS POINT N.Y.

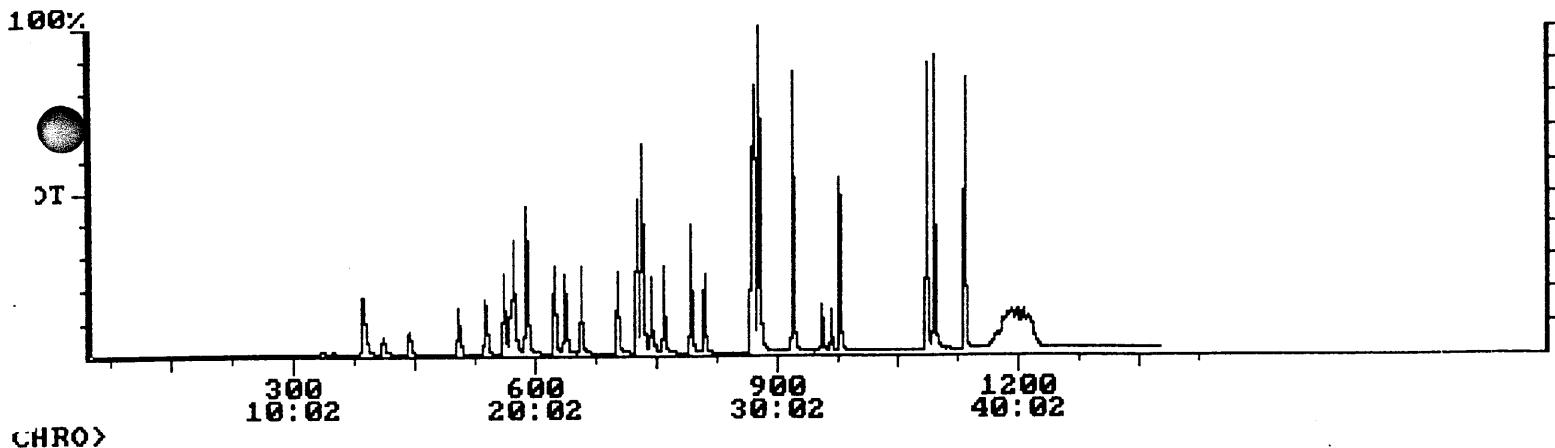
Q.C., VOLATILE ORGANICS

REFERENCE STANDARDS

BLANK

SOIL SAMPLE #14 DUPLICATE SPIKE

Chromatogram Comment: REF STD 96-62511 45C (6) @5C/MIN TO 220 (5) Acquired: Oct-01-1996 14:41:20
 Scan Range: 51 - 1380 Scan: 51 Int = 977 C 1:45 100% = 333044



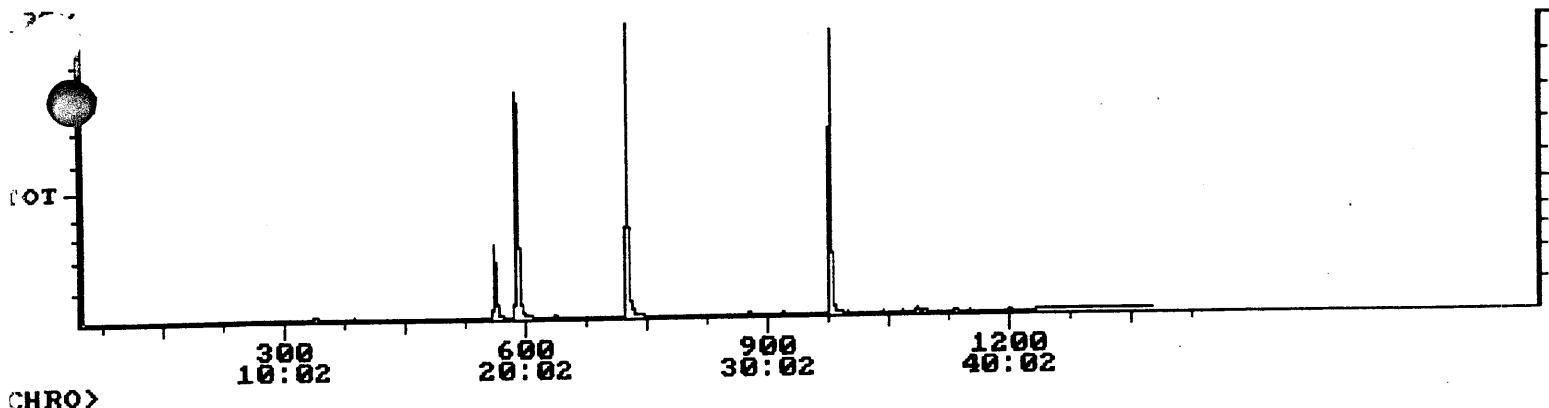
Quantitation Report Quanfile: 96-62511 Quan Entries: 32
 Comment: REF STD 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	590	19:42	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	562	18:46	UB	0.240	UG/G
3	TOLUENE-D8 (SURROGATE)	A	726	24:14	UB	0.373	UG/G
4	4-BFB (SURROGATE)	A	977	32:36	UB	0.299	UG/G
8	BROMOMETHANE	A	274	9:10	BB	0.002	UG/G
9	CHLOROETHANE	A	301	10:04	BB	1.203	UG/G
10	TRICHLOROFLUOROMETHANE	A	301	10:04	BB	0.011	UG/G
11	MÉTHYLENE CHLORIDE	A	350	11:42	BB	0.018	UG/G
12	TNS 1,2-DICHLOROETHENE	A	387	12:56	BB	0.023	UG/G
13	1,1-DICHLOROETHANE	A	411	13:44	UB	0.087	UG/G
14	CHLOROFORM	A	444	14:50	BB	0.145	UG/G
17	1,1,1-TRICHLOROETHANE	A	505	16:52	BB	0.236	UG/G
19	CARBON TETRACHLORIDE	A	539	18:00	BB	0.253	UG/G
21	BENZENE	A	540	18:02	BB	0.022	UG/G
22	1,2-DICHLOROETHANE	A	574	19:10	BB	0.254	UG/G
23	TRICHLOROETHENE	A	570	19:02	BB	0.264	UG/G
24		A	624	20:50	BB	0.297	UG/G

Quantitation Report Quanfile: 96-62511 Quan Entries: 32
 Comment: REF STD 45C (6) @5C/MIN TO 220 (5) (S) = Standard
 Sorted via: Entry Number ↑

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
25	1,2-DICHLOROPROPANE	A	638	21:18	UB	0.354	UG/G
26	BROMODICHLOROMETHANE	A	658	21:58	BB	0.348	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	702	23:26	BB	0.422	UG/G
29	TOLUENE	A	734	24:30	BB	0.442	UG/G
31	1,1,2-TRICHLOROETHANE	A	760	25:22	UB	0.295	UG/G
33	TETRACHLOROETHENE	A	793	26:28	BU	0.400	UG/G
34	DIBROMOCHLOROMETHANE	A	810	27:02	UB	0.384	UG/G
36	CHLOROBENZENE	A	868	28:58	BB	0.437	UG/G
38	ETHYLBENZENE	A	871	29:04	BU	0.418	UG/G
39	M&P XYLEMES	A	920	30:42	BB	0.397	UG/G
40	O-XYLENE	A	977	32:36	BB	0.002	UG/G
42	BROMOFORM	A	956	31:54	BB	0.262	UG/G
44	1,1,2,2-TETRACHLORETHA	A	967	32:16	BB	0.192	UG/G
55	1,3-DICHLOROBENZENE	A	1087	36:16	BU	0.640	UG/G
56	1,4-DICHLOROBENZENE	A	1097	36:36	UB	0.683	UG/G

Chromatogram Comment: BLANK 96-62512 45C (6) @5C/MIN TO 220 (5) Acquired: Oct-01-1996 16:11:28
 Scan Range: 51 - 1380 Scan: 51 Int = 976 e 1:45 100% = 533817



CHRO>

Quantitation Report Quanfile: 96-62512 Quan Entries: 26
 Comment: BLANK 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

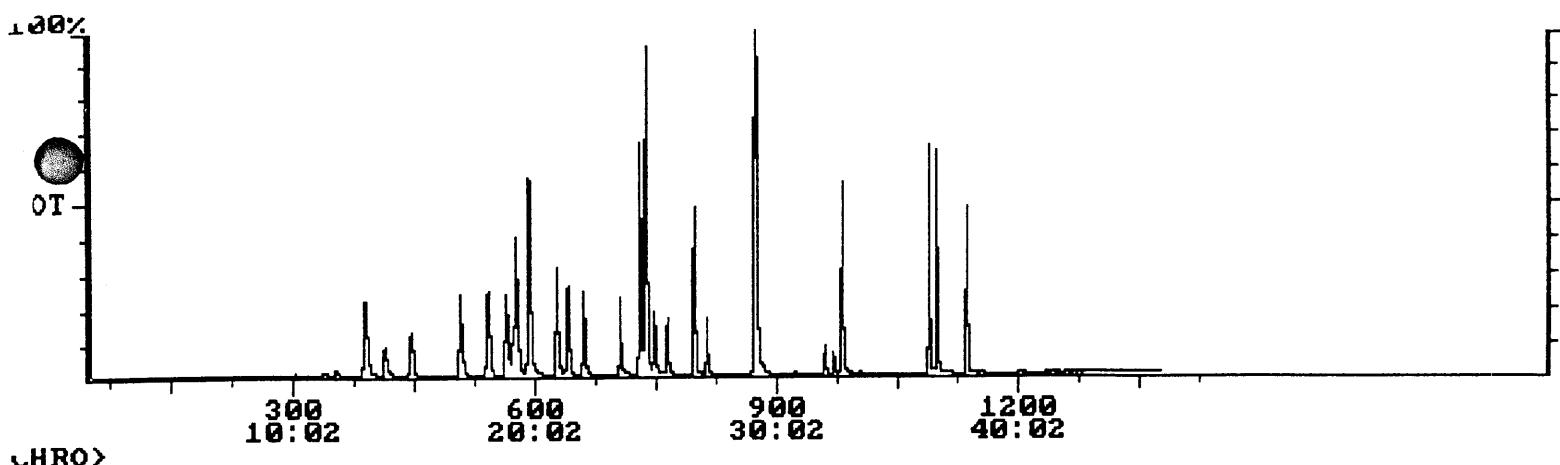
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	590	19:42	UB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	563	18:48	BB	0.229	UG/G
3	TOLUENE-D8 (SURROGATE)	A	727	24:16	UB	0.347	UG/G
4	4-BFB (SURROGATE)	A	978	32:38	BB	0.233	UG/G
10	TRICHLOROFLUOROMETHANE	A	303	10:08	BB	0.000	UG/G
12	METHYLENE CHLORIDE	A	388	12:58	BB	0.000	UG/G
13	TNS 1,2-DICHLOROETHENE	A	417	13:56	UU	0.000	UG/G
14	1,1-DICHLOROETHANE	A	447	14:56	BU	0.000	UG/G
17	CHLOROFORM	A	506	16:54	BU	0.001	UG/G
19	1,1,1-TRICHLOROETHANE	A	540	18:02	BU	0.000	UG/G
22	BENZENE	A	576	19:14	UB	0.001	UG/G
23	1,2-DICHLOROETHANE	A	571	19:04	BB	0.000	UG/G
24	TRICHLOROETHENE	A	625	20:52	BB	0.000	UG/G
25	1,2-DICHLOROPROPANE	A	638	21:18	BU	0.003	UG/G
26	BROMODICHLOROMETHANE	A	658	21:58	BB	0.000	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	703	23:28	BU	0.000	UG/G
29	TOLUENE	A	734	24:30	BB	0.001	UG/G

Quantitation Report Quanfile: 96-62512 Quan Entries: 26
 Comment: BLANK 45C (6) @5C/MIN TO 220 (5)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
31	1,1,2-TRICHLOROETHANE	A	761	25:24	BB	0.001	UG/G
33	TETRACHLOROETHENE	A	794	26:38	BB	0.000	UG/G
34	DIBROMOCHLOROMETHANE	A	810	27:02	BB	0.000	UG/G
36	CHLOROBENZENE	A	868	28:58	BU	0.001	UG/G
38	ETHYLBENZENE	A	872	29:06	UU	0.000	UG/G
39	M&P XYLEMES	A	927	30:56	UU	0.000	UG/G
40	O-XYLENE	A	978	32:38	BB	0.001	UG/G
42	BROMOFORM	A	956	31:54	BB	0.001	UG/G
44	1,1,2,2-TETRACHLORETHA	A	968	32:18	BU	0.001	UG/G

Chromatogram Comment: USCG SOIL# 14 96-62528
Scan Range: 51 - 1380 Scan: 51

Acquired: Oct-03-1996 15:46:01
45C (6) @5C/MIN TO 220 (5) Int = 508 @ 1:45 100% = 364719



Quantitation Report Quanfile: 96-62528
Comment: USCG SOIL# 14 dup spike 45C (6) @5C/MIN TO 220 (5)
Sorted via: Entry Number ↑ Quan Entries: 30
(\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	FLUOROBENZENE (INT STD)	I	594	19:50	BB	0.300	UG/G
2	1,2-DICHLOROETHANE-D4	A	566	18:54	UB	0.150	UG/G
3	TOLUENE-D8 (SURROGATE)	A	731	24:24	UU	0.327	UG/G
4	4-BFB(SURROGATE)	A	981	32:44	UB	0.185	UG/G
6	CHLOROMETHANE	A	188	6:18	UU	0.000	UG/G
9	CHLOROETHANE	A	304	10:10	BB	1.367	UG/G
10	TRICHLOROFLUOROMETHANE	A	304	10:10	BB	0.016	UG/G
11	1,1-DICHLOROETHENE	A	353	11:48	UB	0.023	UG/G
12	METHYLENE CHLORIDE	A	390	13:02	UB	0.018	UG/G
13	TNS 1,2-DICHLOROETHENE	A	414	13:50	UB	0.112	UG/G
14	1,1-DICHLOROETHANE	A	447	14:56	BB	0.205	UG/G
17	CHLOROFORM	A	508	16:58	BB	0.304	UG/G
19	1,1,1-TRICHLOROETHANE	A	543	18:08	BB	0.280	UG/G
21	CARBON TETRACHLORIDE	A	543	18:08	BB	0.002	UG/G
22	BENZENE	A	578	19:18	BB	0.227	UG/G
23	1,2-DICHLOROETHANE	A	573	19:08	BB	0.132	UG/G
24	TRICHLOROETHENE	A	627	20:56	BB	0.124	UG/G

Quantitation Report Quanfile: 96-62528
Comment: USCG SOIL# 14 dup spike 45C (6) @5C/MIN TO 220 (5)
Sorted via: Entry Number ↑ Quan Entries: 30
(\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
25	1,2-DICHLOROPROPANE	A	642	21:26	UB	0.261	UG/G
26	BROMODICHLOROMETHANE	A	662	22:06	BB	0.223	UG/G
28	CIS-1,3-DICHLOROPROPEN	A	706	23:34	BB	0.222	UG/G
29	TOLUENE	A	738	24:38	BB	0.401	UG/G
31	1,1,2-TRICHLOROETHANE	A	749	25:00	BB	0.007	UG/G
33	TETRACHLOROETHENE	A	798	26:38	BB	0.015	UG/G
34	DI BROMOCHLOROMETHANE	A	798	26:38	BB	0.121	UG/G
36	CHLOROBENZENE	A	872	29:06	BU	0.274	UG/G
38	ETHYL BENZENE	A	875	29:12	BB	0.375	UG/G
39	M,P XYLENES	A	924	30:50	BU	0.001	UG/G
40	O-XYLENE	A	981	32:44	BU	0.002	UG/G
42	BROMOFORM	A	960	32:02	BU	0.026	UG/G
44	1,1,2,2-TETRACHLORETHA	A	971	32:24	UB	0.044	UG/G

96-625

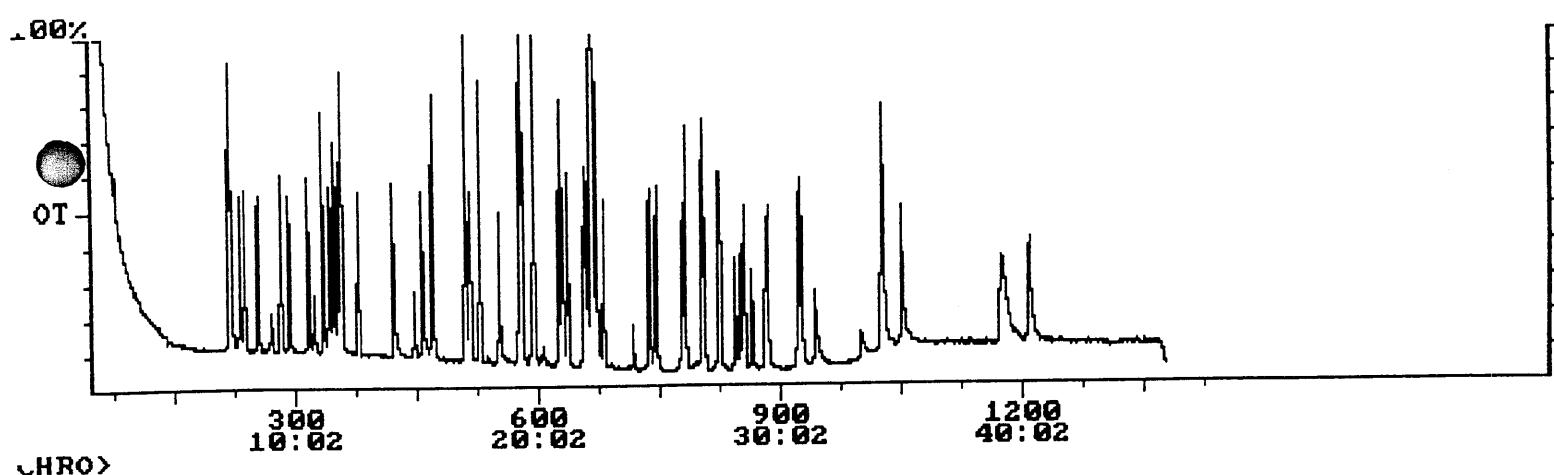
U.S.C.G.S. WILLETS POINT N.Y.

Q.C., SEMI-VOLATILE ORGANICS

REFERENCE STANDARDS
BNA 1 & 2, PEST, PHENOLS & PNA
BENZIDIENES
TOXAPHENE
CHLORDANE
PCB'S

BLANK
BLANK & DFTPP

Chromatogram
Comment: BNA 1&2, PEST, PHENOLS & PNA Scan: 51 Int = 45634 55(4)@8C/MIN TO 300(11) @ 1:45 100% = 87417
can Range: 51 - 1380



Quantitation Report Quanfile: 625-3 Quan Entries: 84
Comment: BNA 1&2, PEST, PHENOLS & PNA 55(4)@8C/MIN TO 300(11)
Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	666	22:14	BB	10.	9.523
2	PHENOL	I	218	7:18	BU	6.	472
3	2-CHLOROPHENOL	A	221	7:24	BB	6.	323
4	2-NITROPHENOL	A	324	10:50	BB	0.	970
5	2,4-DIMETHYLPHENOL	A	335	11:12	BU	6.	710
6	2,4-DICHLOROPHENOL	A	348	11:38	BB	5.	323
7	4-CHLORO-3-METHYLPHENO	A	422	14:06	BB	3.	456
8	2,4,6-TRICHLOROPHENOL	A	458	15:18	BB	3.	892
9	2,4-DINITROPHENOL	A	538	17:58	BB	2.	283
10	4-NITROPHENOL	A	553	18:28	UB	1.	942
11	2-METH-4,6-DINITROPHEN	A	591	19:44	BB	0.	371
12	PENTACHLOROPHENOL	A	658	21:58	BB	0.	995
13	BIS(2-CHLOROETHYL)ETHE	A	220	7:22	BB	4.	667
14	BIS(2-CHLOROISOPROP)ETHE	A	293	9:48	UU	15.	320
15	NITROSODI-N-PROPYLAMINE	A	284	9:30	BB	3.	639
16	NITROSODIMETHYLAMINE	A	62	2:06	BB	0.	204
17	BIS(2-CHLOROETOXY)METH	A	343	11:28	BB	5.	424

Quantitation Report Quanfile: 625-3 Quan Entries: 84
Comment: BNA 1&2, PEST, PHENOLS & PNA 55(4)@8C/MIN TO 300(11)
Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
18	DIMETHYLPHTHALATE	A	512	17:06	BB	4.211	PPM
19	DIETHYLPHTHALATE	A	580	19:22	BB	2.384	PPM
20	4-CHLOROPHENYLPHENETHE	A	581	19:24	BB	4.412	PPM
21	NITROSODIPHENYLAMINE	A	594	19:50	BB	3.834	PPM
22	4-BROMOPHENYLPHENETHER	A	627	20:56	BB	4.532	PPM
23	DI BUTYLPHTHALATE	A	738	24:38	BU	2.584	PPM
24	BUTYLBENZYLPHTHALATE	A	882	29:26	BU	1.034	PPM
25	BIS(2-ETHYLHEXYL)PHTHA	A	944	31:30	BB	0.572	PPM
26	DI-N-OCTYL PHTHALATE	A	1001	33:24	BB	3.577	PPM
27	1,3-DICHLOROBENZENE	A	238	7:58	UB	3.524	PPM
28	1,4-DICHLOROBENZENE	A	238	7:58	UB	3.961	PPM
29	1,2-DICHLOROBENZENE	A	255	8:32	BB	2.363	PPM
30	HEXACHLOROETHANE	A	282	9:26	BB	3.111	PPM
31	NITROBENZENE	A	293	9:48	UU	3.884	PPM
32	ISOPHORONE	A	354	10:36	BB	3.643	PPM
33	1,2,4-TRICHLOROBENZENE	A	378	11:50	BB	3.187	PPM
34	HEXACHLOROBUTADIENE	A		12:38	BB		

Quantitation Report Quanfile: 625-3
 Comment: BNA 1&2, PEST, PHENOLS & PNA 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ Quan Entries: 84
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
5	HEXAChLOROCYCLOPENTADI	A	448	14:58	BB	0.535	PPM
27	2-CHLORONAPHTHALENE	A	471	15:44	UU	3.762	PPM
29	2, 6-DINITROTOLUENE	A	517	17:16	UB	2.937	PPM
40	2, 4-DINITROTOLUENE	A	577	19:54	BB	0.499	PPM
41	AZOBENZENE	A	596	21:16	UU	0.098	PPM
42	HEXAChLOROBENZENE	A	637	11:58	BB	0.047	PPM
43	NAPHTHALENE	A	358	17:04	BB	0.933	PPM
44	ACENAPHTHYLENE	A	511	17:40	BB	0.419	PPM
45	ACENAPHTHENE	A	529	19:16	BB	0.499	PPM
46	FLUORENE	A	577	22:26	UB	0.414	PPM
47	PHENANTHRENE	A	672	22:26	UB	6.23	PPM
48	ANTHRACENE	A	672	22:26	UB	0.688	PPM
49	FLUORANTHENE	A	783	24:58	BB	0.924	PPM
50	PYRENE	A	804	24:58	BB	0.773	PPM
51	BENZO(A)ANTHRACENE	A	926	30:54	UU	0.740	PPM
	CHRYSENE	A	926	30:54	UB	0.002	PPM
	BENZO(B)FLUORANTHENE	A	1028	34:18	UB	5.611	PPM

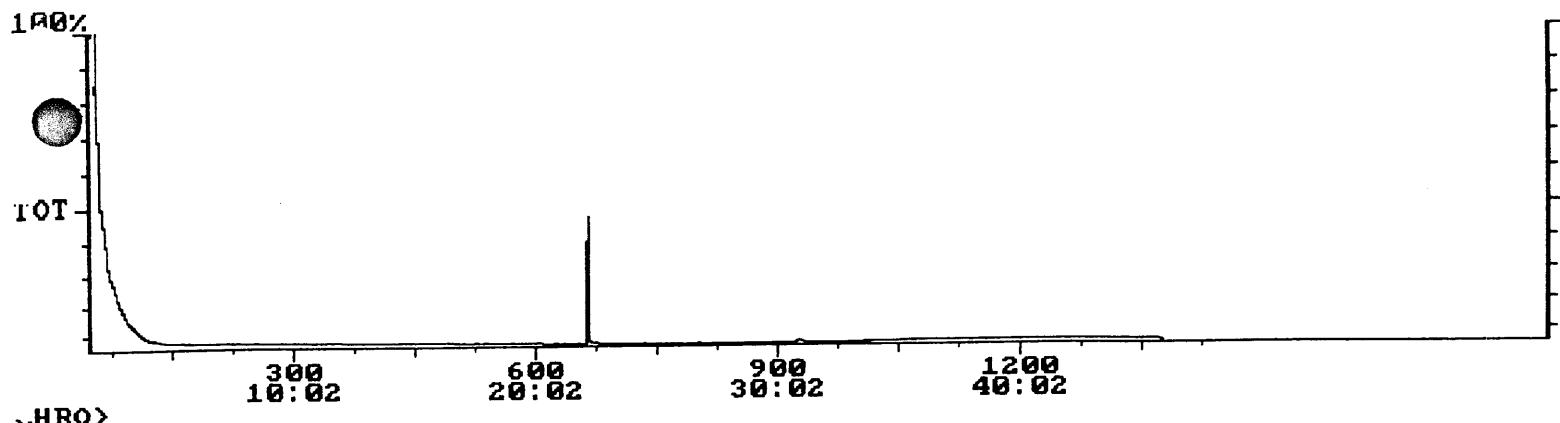
Quantitation Report Quanfile: 625-3
 Comment: BNA 1&2, PEST, PHENOLS & PNA 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ Quan Entries: 84
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
52	BENZO(K)FLUORANTHENE	A	1028	34:18	UB	5.910	PPM
53	BENZO(A)PYRENE	A	1052	35:06	BU	1.781	PPM
54	INDENO(1,2,3-CD)PYRENE	A	1173	39:08	BU	1.543	PPM
55	DIBENZO(AH)ANTHRACENE	A	1176	39:14	BB	2.818	PPM
56	BENZO(GHI)PERYLENE	A	1209	40:20	BB	1.804	PPM
57	BENZIDINE	A	820	27:22	BB	0.003	PPM
58	3, 3-DICHLOROBENZIDINE	A	944	31:30	BB	0.023	PPM
59	A-BHC	A	632	21:06	BB	0.824	PPM
60	LINDANE	A	660	22:02	BU	4.785	PPM
61	HEPTACHLOR	A	719	24:58	BB	0.518	PPM
62	ALDRIN	A	747	24:56	UB	2.298	PPM
63	HEPTACHLOR EPOXIDE	A	779	26:56	BB	0.081	PPM
64	ENDOSULFAN I	A	807	26:56	BB	0.082	PPM
65	4, 4'-DDE	A	825	27:32	BB	0.044	PPM
66	DIELDRIN	A	827	27:36	BB	1.401	PPM
67	4, 4'-DDD	A	857	28:26	UB	0.403	PPM
68	ENDRIN	A	852	28:26	BB	0.035	PPM

Quantitation Report Quanfile: 625-3
 Comment: BNA 1&2, PEST, PHENOLS & PNA 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ Quan Entries: 84
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
69	ENDOSULFAN II	A	857	28:36	UU	7.690	PPM
70	4, 4'-DDT	A	885	29:32	BU	0.685	PPM
71	B-BHC	A	660	22:02	BU	0.541	PPM
72	D-BHC	A	681	22:44	BU	0.942	PPM
73	ENDRIN ALDEHYDE	A	866	24:54	BB	2.266	PPM
74	ENDOSULFAN SULFATE	A	884	29:30	BB	0.313	PPM
75	1, 2-DICHLORBENZ-D4(SUR)	A	254	28:30	BB	0.488	PPM
78	4-TERPHENYL-D14(SURR)	A	828	27:38	BB	0.102	PPM
81	PHENOL-D5(SURR)	A	221	7:24	BB	0.425	PPM
83	METHOXYPHENOL	A	845	30:54	UU	0.886	PPM
85	TOXAPHENE	A	808	22:12	BB	0.050	PPM
86	CHLORDANE	A	713	22:58	BB	0.316	PPM
87	PCB 1016	A	704	22:30	BB	0.080	PPM
90	PCB 1242	A	779	26:00	BB	0.008	PPM
91	PCB 1248	A	944	31:30	BB	0.554	PPM
93	PCB 1260	A				0.065	PPM

Chromatogram Comment: BENZIDIENES Scanfile: 625-4
 Range: 51 - 1380 Scan: 51 Acquired: Oct-08-1996 17:25:16
 55(4)@8C/MIN TO 300(11) Int = 90205 @ 1:45 100% = 334241



Quantitation Report Quanfile: 625-4
 Comment: BENZIDIENES 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑

Quan Entries: 62
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	666	22:14	BB	X/O	9.523
2	PHENOL	A	218	7:18	BB	0.035	PPM
3	2-CHLOROPHENOL	A	221	7:24	BB	0.019	PPM
5	2,4-DIMETHYLPHENOL	A	335	11:12	BB	0.023	PPM
6	2,4-DICHLOROPHENOL	A	351	11:44	BB	0.024	PPM
10	4-NITROPHENOL	A	550	18:22	BB	0.014	PPM
12	PENTACHLOROPHENOL	A	658	21:58	BB	0.005	PPM
13	BIS(2-CHLOROETHYL)ETHE	A	220	7:22	BB	0.030	PPM
14	BIS(2-CHLOROISOPROP)ETHE	A	293	9:48	BB	0.053	PPM
17	BIS(2-CHLOROETOXY)METH	A	343	11:28	BB	0.018	PPM
18	DIMETHYLPHthalate	A	512	17:06	BB	0.030	PPM
19	DIETHYLPHthalate	A	580	19:22	BB	0.028	PPM
20	4-CHLOROPHENYLPHENETHE	A	581	19:24	BB	0.047	PPM
21	NITROSDIPHENYLAMINE	A	594	19:50	BB	0.061	PPM
22	4-BROMOPHENYLPHENETHER	A	627	20:56	BB	0.048	PPM
23	DIBUTYLPHthalate	A	738	24:38	BB	0.024	PPM
27	1,3-DICHLOROBENZENE	A	232	7:46	BB	0.025	PPM

Quantitation Report Quanfile: 625-4
 Comment: BENZIDIENES 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑

Quan Entries: 62
 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
28	1,4-DICHLOROBENZENE	A	232	7:46	BB	0.023	PPM
29	1,2-DICHLOROBENZENE	A	254	8:30	BB	0.032	PPM
30	HEXACHLOROETHANE	A	282	9:26	BB	0.018	PPM
31	NITROBENZENE	A	293	9:48	BB	0.015	PPM
32	ISOPHORONE	A	317	10:36	BB	0.098	PPM
33	1,2,4-TRICHLOROBENZENE	A	353	11:48	BB	0.029	PPM
34	HEXAChLOROBUTADIENE	A	377	12:36	BB	0.011	PPM
36	2-CHLORONAPHTHALENE	A	471	15:44	BB	0.032	PPM
37	2,6-DINITROToluene	A	516	17:14	BB	0.009	PPM
38	2,4-DINITROToluene	A	577	19:16	BB	0.111	PPM
39	AZOBENZENE	A	595	19:52	BB	0.037	PPM
41	NAPHTHALENE	A	357	11:56	BB	0.039	PPM
42	ACENAPHTHYLENE	A	510	17:02	BB	0.031	PPM
43	ACENAPHTHENE	A	528	17:38	BB	0.040	PPM
44	FLUORENE	A	577	19:16	BB	0.039	PPM
45	PHENANTHRENE	A	672	22:26	UB	0.033	PPM
46	ANTHRACENE	A	672	22:26	UB	0.043	PPM

Quantitation Report
Comment: BENZIDIENES 55(4)E8C/MIN TO 300(11)
Sorted via: Entry Number ↑

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
48	PYRENE	A	803	26:48	BB	0.055	PPM
9	BENZO(A)ANTHRACENE	AA	926	30:54	BB	0.060	PPM
50	CHRYSENE	AA	926	30:54	BB	0.058	PPM
51	BENZO(B)FLUORANTHENE	AA	1025	34:12	VU	0.016	PPM
52	BENZO(K)FLUORANTHENE	AA	1034	34:30	VB	0.017	PPM
53	BENZO(A)PYRENE	AA	1063	35:28	BU	0.015	PPM
54	INDENO(1,2,3-CD)PYRENE	AA	1173	39:08	BB	0.001	PPM
55	BENZIDINE	AA	803	26:48	BB	1.618	PPM
58	3,3-DICHLOROBENZIDINE	AA	927	30:56	BB	2.209	PPM
59	A-BHC	AA	631	21:04	BB	0.033	PPM
60	LINDANE	AA	656	21:54	BU	0.038	PPM
61	HEPTACHLOR	AA	721	24:04	BB	0.004	PPM
62	ALDRIN	AA	747	24:56	BB	0.026	PPM
63	HEPTACHLOR EPOXIDE	AA	779	26:00	BB	0.041	PPM
64	ENDOSULFAN I	AA	807	26:56	BB	0.034	PPM
65	4,4'-DDE	A	824	27:30	BB	0.039	PPM
66	DIELDRIN	A	827	27:36	BB	0.017	PPM

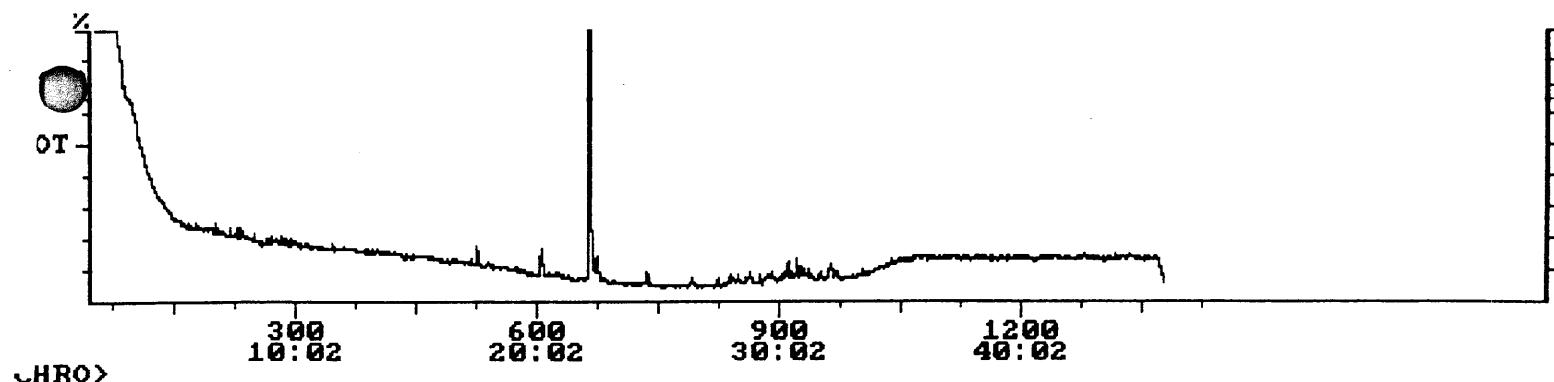
Quantitation Report Quanfile: 625-4
Comment: BENZIDIENES 55(4)E8C/MIN TO 300(11)
Sorted via: Entry Number ↑

Quan Entries: 62

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
67	4,4'-DDD	A	856	28:34	BB	0.013	PPM
69	ENDOSULFAN II	A	857	28:36	BB	0.110	PPM
70	4,4'-DDT	A	885	29:32	BB	0.001	PPM
71	B-BHC	AA	665	22:12	BB	0.430	PPM
72	D-BHC	AA	681	22:44	BB	0.043	PPM
74	ENDOSULFAN SULFATE	AA	884	29:30	BB	0.011	PPM
78	4-TERPHENYL-D14(SURR)	AA	825	27:32	BB	0.004	PPM
81	PHENOL-D5(SURR)	AA	221	7:24	BB	0.010	PPM
86	CHLORDANE	AA	810	27:02	BB	0.035	PPM
77	PCB 1016	AA	724	24:10	BB	0.006	PPM
13	PCB 1260	A	939	31:20	BB	0.013	PPM

chromatogram Comment: TOXAPHENE Scan Range: 51 - 1380 625-5 55(4)@8C/MIN TO 300(11) Scan: 51 Int = 77156 Acquired: Oct-08-1996 @ 1:45 18:23:17 100% = 65807



Quantitation Report Quanfile: 625-5 Comment: TOXAPHENE 55(4)@8C/MIN TO 300(11) Sorted via: Entry Number ↑ Quan Entries: 40 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
78	4-TERPHENYL-D14(SURR)	A	826	27:34	BB	0.002	PPM
83	METHOXYCHLOR	A	935	31:12	BB	0.001	PPM
85	TOXAPHENE	A	842	28:06	BB	14.817	PPM
87	PCB 1016	A	722	24:06	BB	0.007	PPM
91	PCB 1248	A	776	25:54	BB	0.026	PPM
93	PCB 1260	A	942	31:26	BB	0.014	PPM

Quantitation Report Quanfile: 625-5 Comment: TOXAPHENE 55(4)@8C/MIN TO 300(11) Sorted via: Entry Number ↑ Quan Entries: 40 (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
50	CHRYSENE	A	929	31:00	BB	0.013	PPM
51	BENZO(B)FLUORANTHENE	AA	1029	34:20	BB	0.007	PPM
52	BENZO(K)FLUORANTHENE	AA	1029	34:20	BB	0.013	PPM
53	BENZO(A)PYRENE	AA	1058	35:18	BB	0.007	PPM
55	DI BENZO(AH)ANTHRACENE	A	1179	39:20	BB	0.001	PPM
56	BENZO(GHI)PERYLENE	AA	1217	40:36	BB	0.001	PPM
57	BENZIDINE	AA	815	27:12	BB	0.004	PPM
59	A-BHC	AA	634	21:10	BB	0.002	PPM
60	LINDANE	AA	657	21:56	BB	0.002	PPM
61	HEPTACHLOR	AA	718	23:58	BB	0.003	PPM
63	HEPTACHLOR EPOXIDE	AA	793	26:28	BB	0.352	PPM
65	4,4'-DDE	AA	824	27:30	BB	0.008	PPM
66	DIELDRIN	AA	833	27:48	BB	0.003	PPM
67	4,4'-DDD	AA	855	28:32	BB	0.006	PPM
71	B-BHC	AA	666	22:14	BB	0.509	PPM
72	D-BHC	AA	678	22:38	BB	0.006	PPM
74	ENDOSULFAN SULFATE	A	878	29:18	BB	0.011	PPM

Quantitation Report Quanfile: 625-5
 Comment: TOXAPHENE 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑

Quan Entries: 40

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	666	22:14	BB	9.523	PPM
10	4-NITROPHENOL	A	556	18:34	BB	0.010	PPM
14	BIS(2-CHLOROISOPROP)ETHE	A	287	19:36	BB	0.014	PPM
16	NITROSODIMETHYLAMINE	A	61	20:04	BB	0.076	PPM
18	DIMETHYLPHthalate	A	513	17:08	BB	0.002	PPM
19	DIETHYLPHthalate	A	580	19:22	BB	0.002	PPM
20	4-CHLOROPHENYLPHENETHE	A	581	19:24	BB	0.006	PPM
21	NITROSODIPHENYLAMINE	A	595	19:52	BB	0.007	PPM
22	4-BROMOPHENYLPHENETHER	A	621	20:44	BB	0.003	PPM
23	DI BUTYLPHthalate	A	738	24:38	BB	0.011	PPM
31	NITROBENZENE	A	287	15:42	BB	0.004	PPM
36	2-CHLORONAPHTHALENE	A	470	15:42	BB	0.002	PPM
45	2,6-DINITROTOLUENE	A	511	17:04	BB	0.006	PPM
46	PHENANTHRENE	A	668	22:18	BB	0.002	PPM
48	ANTHRACENE	A	668	22:18	BB	0.002	PPM
49	PYRENE	A	805	26:52	BB	0.009	PPM
	BENZO(A)ANTHRACENE	A	929	31:00	BB	0.013	PPM

Quantitation Report Quanfile: 625-5
 Comment: TOXAPHENE 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑

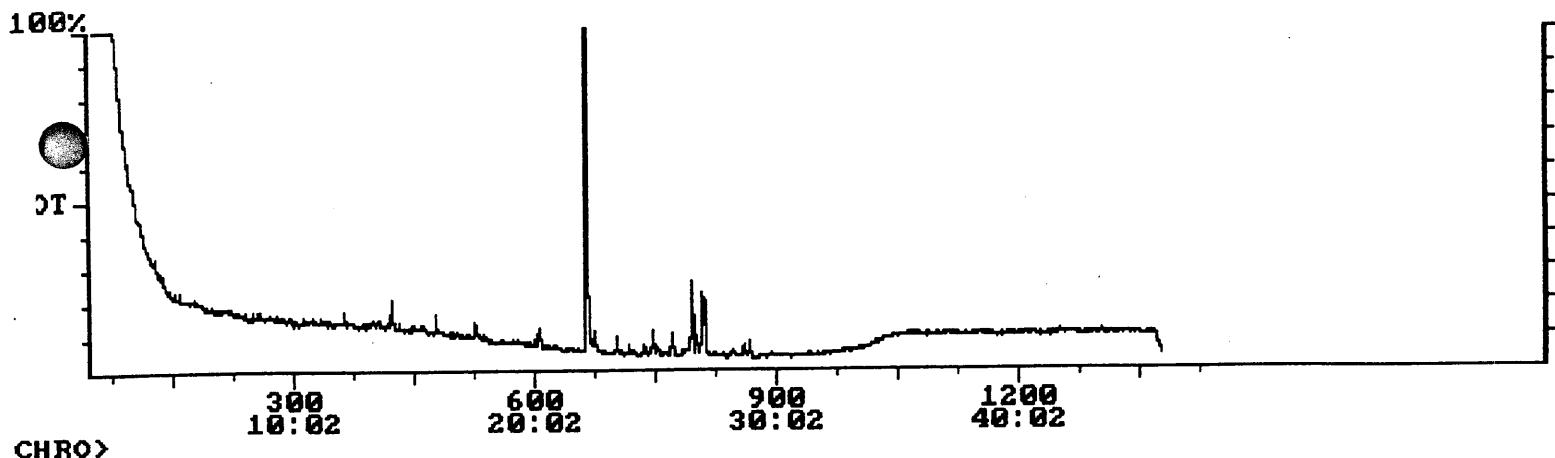
Quan Entries: 40

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10(IS)	I	666	22:14	BB	9.523	PPM
10	4-NITROPHENOL	A	556	18:34	BB	0.010	PPM
14	BIS(2-CHLOROISOPROP)ETHE	A	287	19:36	BB	0.014	PPM
16	NITROSODIMETHYLAMINE	A	61	20:04	BB	0.076	PPM
18	DIMETHYLPHthalate	A	513	17:08	BB	0.002	PPM
19	DIETHYLPHthalate	A	580	19:22	BB	0.002	PPM
20	4-CHLOROPHENYLPHENETHE	A	581	19:24	BB	0.006	PPM
21	NITROSODIPHENYLAMINE	A	595	19:52	BB	0.007	PPM
22	4-BROMOPHENYLPHENETHER	A	621	20:44	BB	0.003	PPM
23	DI BUTYLPHthalate	A	738	24:38	BB	0.011	PPM
31	NITROBENZENE	A	287	15:42	BB	0.004	PPM
36	2-CHLORONAPHTHALENE	A	470	15:42	BB	0.002	PPM
45	2,6-DINITROTOLUENE	A	511	17:04	BB	0.006	PPM
46	PHENANTHRENE	A	668	22:18	BB	0.002	PPM
48	ANTHRACENE	A	668	22:18	BB	0.002	PPM
49	PYRENE	A	805	26:52	BB	0.009	PPM
	BENZO(A)ANTHRACENE	A	929	31:00	BB	0.013	PPM

Chromatogram Comment: CLORDANE 625-6 Scan Range: 51 - 1380 Scan: 51 Acquired: Oct-08-1996 19:21:18

625-6 55(4)@8C/MIN TO 300(11) Int = 91798 C 1:45 100% = 87209



Quantitation Report Quanfile: 625-6
Comment: CLORDANE 55(4)@8C/MIN TO 300(11)
Reported via: Entry Number ↑

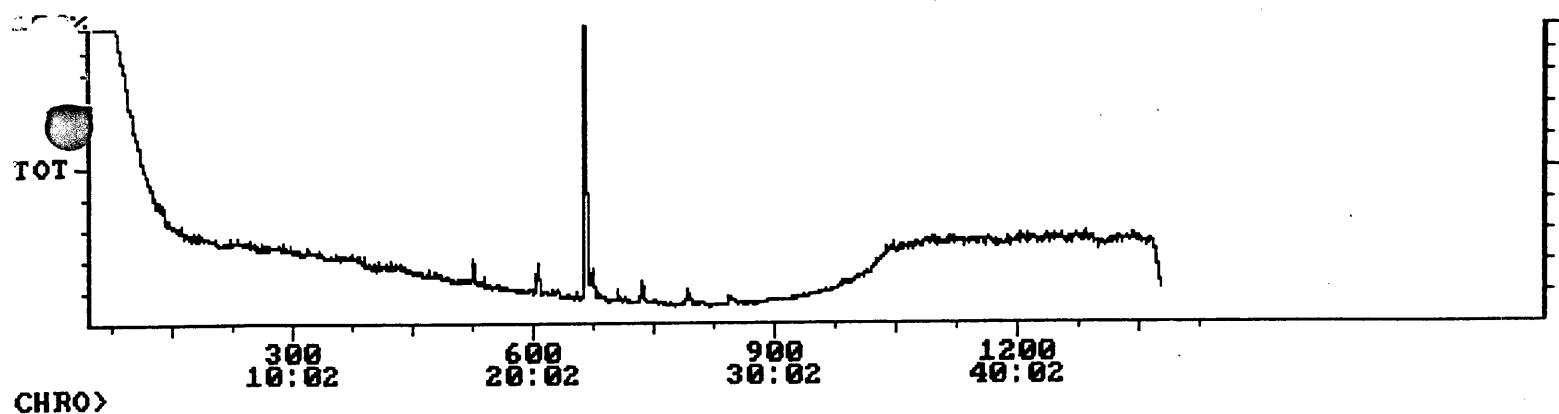
Quan Entries: 2
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 86	PHENANTHRENE D-10(IS) CHLORDANE	I A	666 809	22:14 27:00	BB VB	95.230 179.285	PPM PPM

Chromatogram
Comment: PBC 1016
Scan Range: 51 - 1380

625-7
Scan: 51

Acquired: Oct-98-1996 20:19:19
55(4)@8C/MIN TO 300(11)
Int = 38475 E 1:45 100% = 33248



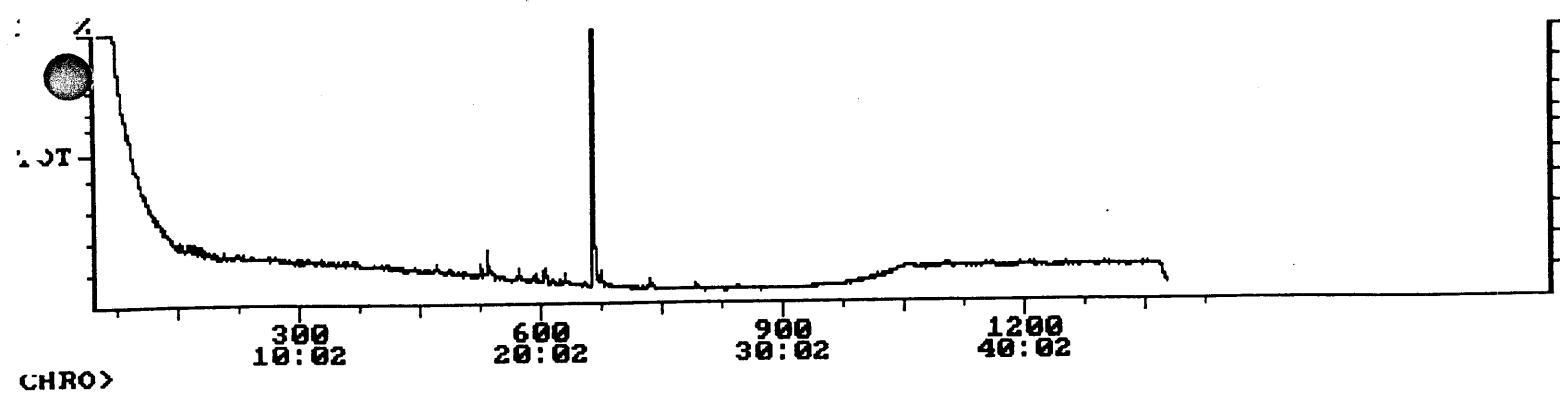
Quantitation Report
Comment: PBC 1016
Sorted via: Entry Number ↑

Quanfile: 625-7

Quan Entries: 2
55(4)@8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 87	PHENANTHRENE D-10(S) PCB 1016	I A	666 715	22:14 23:52	BB BV	95.230 3.352	PPM PPM

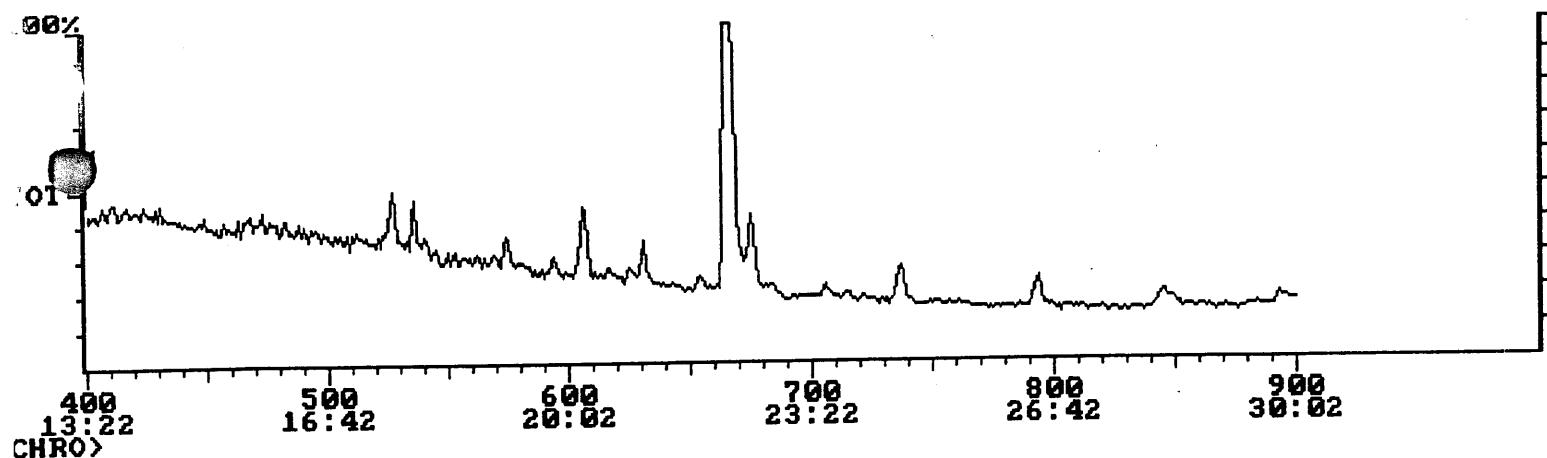
Chromatogram 625-8 Acquired: Oct-08-1996 21:17:21
Comment: PBC 1221 Scan: 51 55(4)@8C/MIN TO 300(11)
Scan Range: 51 - 1380 Int = 77491 @ 1:45 100% = 83220



Quantitation Report Quanfile: 625-8 Quan Entries: 2
Comment: PBC 1221 55(4)@8C/MIN TO 300(11)
Reported via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 88	PHENANTHRENE D-10(IS) PCB 1221	I A	666 536	22:14 17:54	BB BB	95.230 17.329	PPM PPM

Chromatogram 625-9
Comment: PBC 1232 Scan: 400 Int = 941? Acquired: OCT-1987 13:22:44
Scan Range: 400 - 900 @ 13:22 100% = 20924

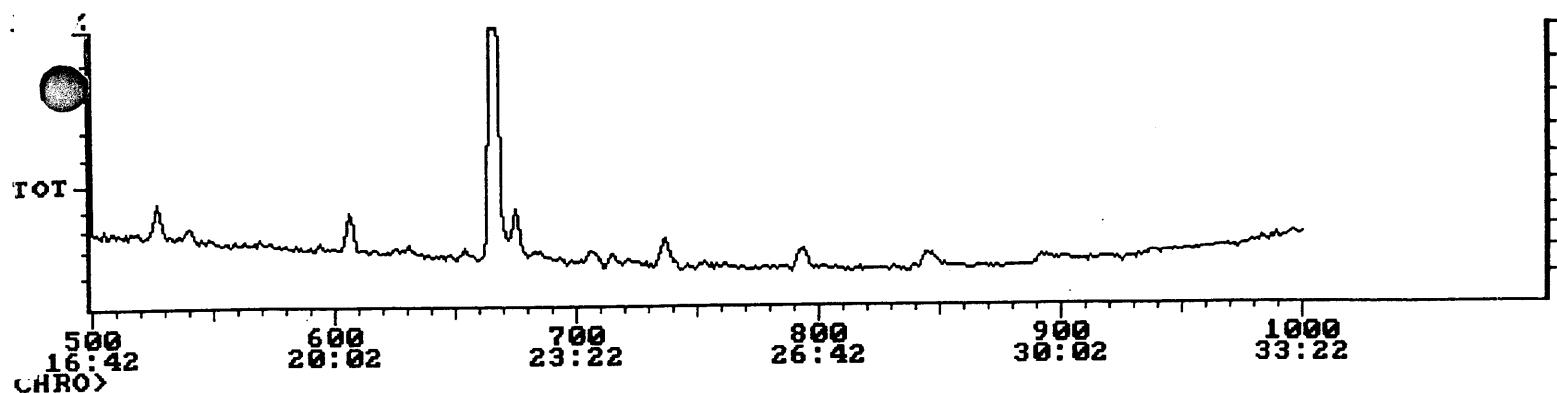


Quantitation Report Quanfile: 625-9 Quan Entries: 2
Comment: PBC 1232 55(4)@8C/MIN TO 300(11)
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 89	PHENANTHRENE D-10(IS) PCB 1232	I A	666 536	22:14 17:54	BB BB	95.230 12.789	PPM PPM

chromatogram
Comment: PBC 1242
Scan Range: 500 - 1000 Scan: 500

625-10

Acquired: Oct-08-1996 23:13:22
55(4)@8C/MIN TO 300(ii)
Int = 4627 @ 16:42 100% = 16795

Quantitation Report
Comment: PBC 1242
Reported via: Entry Number ↑

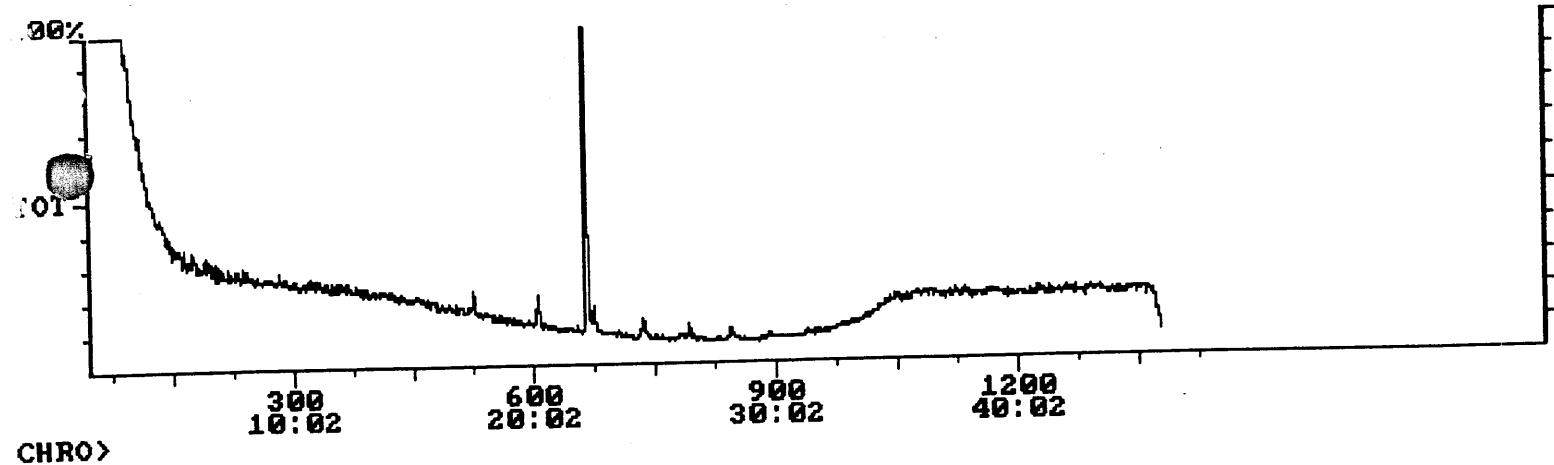
Quanfile: 625-10

Quan Entries: 2
55(4)@8C/MIN TO 300(ii)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 90	PHENANTHRENE D-10(IS) PCB 1242	I A	666 706	22:14 23:34	BB UV	95.230 9.651	PPM PPM

Chromatogram 625-11
Comment: PBC 1248 Scan: 51
Scan Range: 51 - 1380

Acquired: 55(4)@8C/MIN TO 300(11)
Int = 77060 @ 1:45 100% = 42630



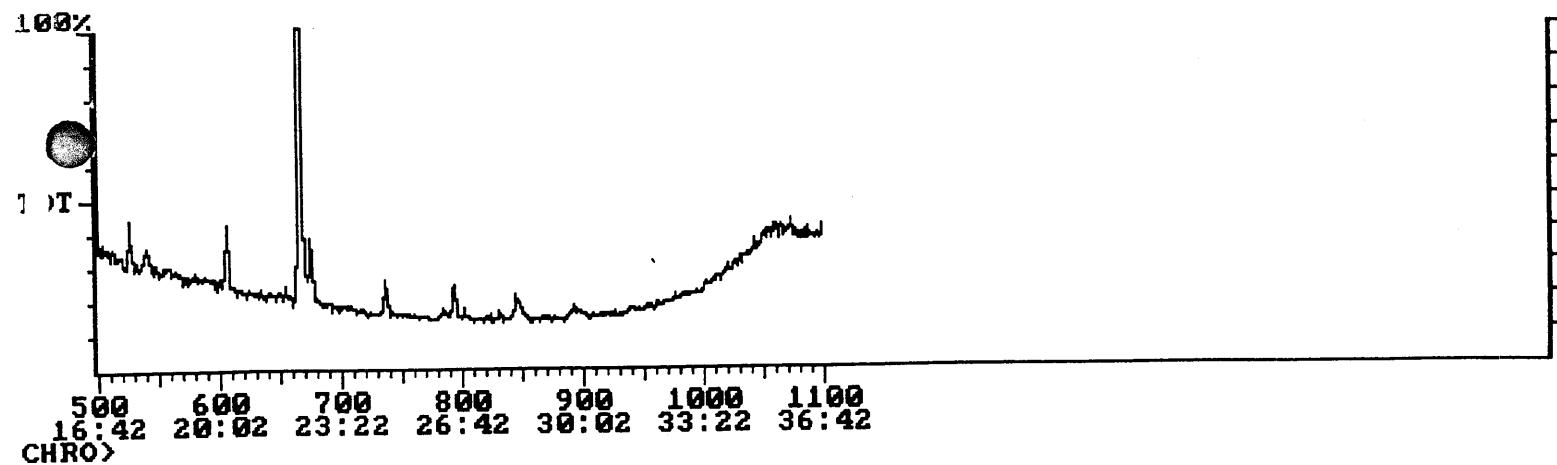
Quantitation Report Quanfile: 625-11
Comment: PBC 1248
Sorted via: Entry Number ↑

Quan Entries: 2
55(4)@8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 91	PHENANTHRENE D-10(IS) PBC 1248	I A	666 782	22:14 26:06	BB BV	95.230 20.577	PPM PPM

Chromatogram
Comment: PBC 1254
Scan Range: 500 - 1100

625-12

Acquired: Oct-09-1996 01:09:24
55(4)@8C/MIN TO 300(11)
Int = 6987 @ 16:42 100% = 20473

16:42 20:02 23:22 26:42 30:02 33:22 36:42
CHRO>

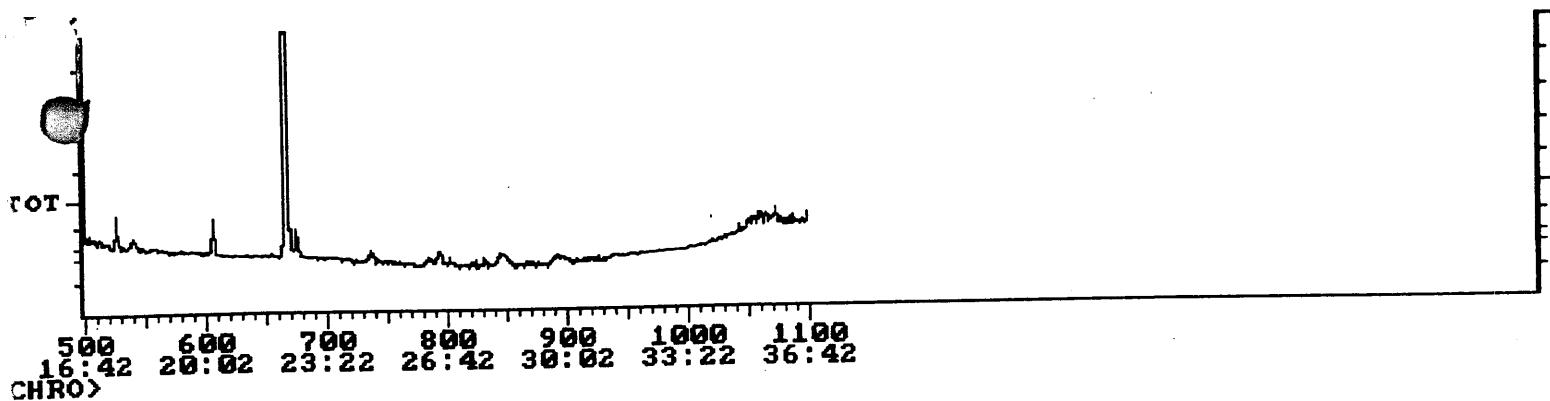
Quantitation Report
Comment: PBC 1254
Reported via: Entry Number ↑

Quanfile: 625-12

Quan Entries: 2
55(4)@8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 92	PHENANTHRENE D-10(IS) PCB 1254	I A	666 831	22:14 27:44	BB UB	95.230 10.811	PPM PPM

Chromatogram Comment: PBC 1254 625-12 Acquired: Oct-09-1996 01:09:24
Scan Range: 500 - 1100 Scan: 500 Int = 6987 55(4)E8C/MIN TO 300(11)
@ 16:42 100% = 20473



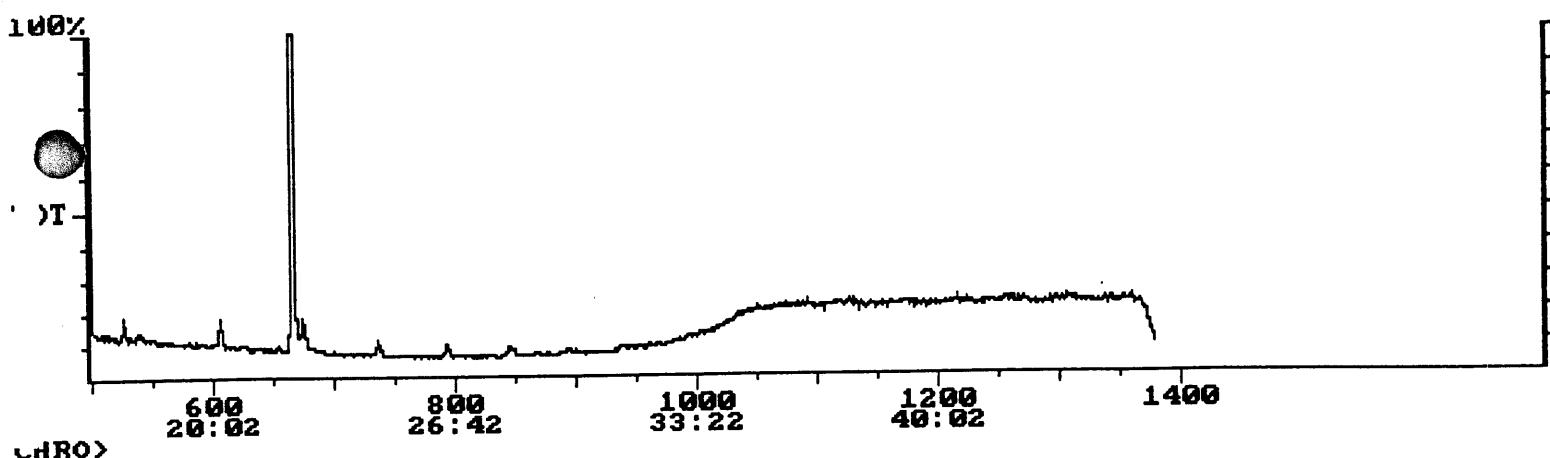
Quantitation Report Comment: PBC 1254
Sorted via: Entry Number ↑

Quanfile: 625-12

Quan Entries: 2
55(4)E8C/MIN TO 300(11)
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 92	PHENANTHRENE D-10 (IS) PCB 1254	I A	666 831	22:14 27:44	BB UB	95.230 10.811	PPM PPM

Chromatogram 625-13
Comment: PBC 1260 Scan Range: 500 - 1380 Scan: 500 Int = 4915 Acquired 55(4)@8C/MIN TO 300(i) @ 16:42 100% = 38282



Quantitation Report Quanfile: 625-13 Quan Entries: 2
Comment: PBC 1260 55(4)@8C/MIN TO 300(i)
Sorted via: Entry Number † (S) = Standard

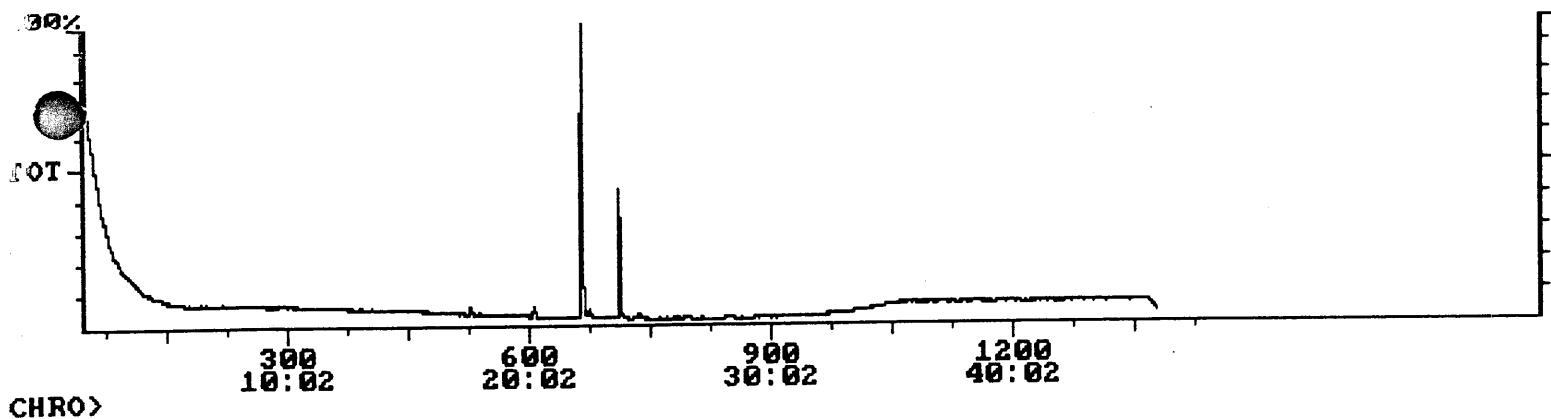
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1 93	PHENANTHRENE D-10(IS) PCB 1260	I A	666 939	22:14 31:20	BB BB	95.230 8.639	PPM PPM

Chromatogram
Comment: BLANK
Scan Range: 51 - 1380

625-2
Scan: 51

Acquired: Oct-08-1996
55(4)@8C/MIN TO 300(11)
Int = 42935

15:22:15
e 1:45
100% = 149380



Quantitation Report Quanfile: 625-2 Quan Entries: 33
Comment: BLANK 55(4)@8C/MIN TO 300(11)
Sorted via: Entry Number ↑ (\$)= Standard

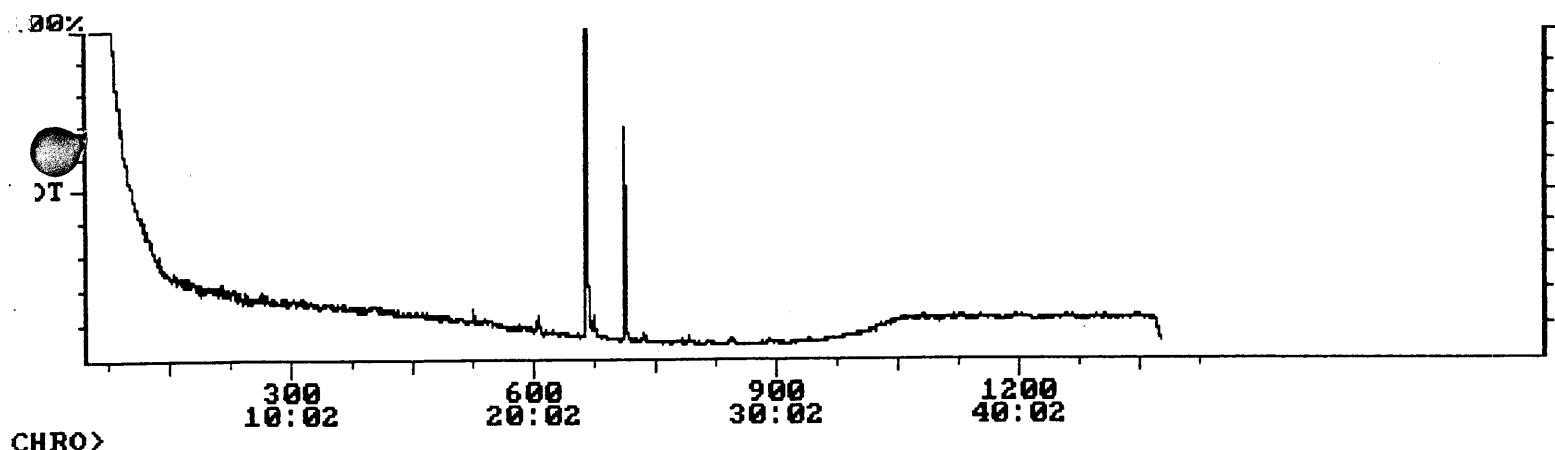
Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10 (IS)	I	666	22:14	BB	9.523	PPM
2	PHENOL	A	223	7:28	BB	0.004	PPM
10	4-NITROPHENOL	A	549	18:20	BB	0.015	PPM
12	PENTACHLOROPHENOL	A	659	22:00	BB	0.002	PPM
14	BIS(2-CHLOROISOPROP)ETHE	A	298	29:58	BB	0.012	PPM
18	DIMETHYLPHthalate	A	514	17:10	BB	0.001	PPM
21	NITROSODIPHENYLAMINE	A	597	19:56	BB	0.016	PPM
23	DI BUTYLPHthalate	A	738	24:38	BB	0.008	PPM
24	BUTYL BENZYL PHthalate	A	882	29:36	BB	0.001	PPM
29	1,2-DICHLOROBENZENE	A	254	09:36	BB	0.007	PPM
30	HEXACHLOROETHANE	A	282	09:58	BB	0.009	PPM
31	NITROBENZENE	A	298	15:44	BB	0.003	PPM
36	2-CHLORONAPHTHALENE	A	471	19:52	BB	0.002	PPM
39	AZOBENZENE	A	595	26:52	BB	0.001	PPM
48	PYRENE	A	805	31:02	BB	0.002	PPM
49	BENZO(A)ANTHRACENE	A	930	31:02	BB	0.000	PPM
50	CHRYSENE	A	930	31:02	BB	0.000	PPM

Quantitation Report Quanfile: 625-2 Quan Entries: 33
Comment: BLANK 55(4)@8C/MIN TO 300(11)
Sorted via: Entry Number ↑ (\$)= Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
51	BENZO(B)FLUORANTHENE	A	1027	34:16	UB	0.006	PPM
52	BENZO(K)FLUORANTHENE	A	1027	34:16	UB	0.011	PPM
53	BENZO(A)PYRENE	A	1058	35:18	BB	0.015	PPM
56	BENZO(GH)PERYLENE	A	1217	40:36	BB	0.001	PPM
59	A-BHC	A	635	21:12	BB	0.005	PPM
60	LINDANE	A	651	21:44	BB	0.002	PPM
61	HEPTACHLOR	A	713	23:48	BB	0.056	PPM
63	HEPTACHLOR EPOXIDE	A	784	26:10	BB	0.006	PPM
64	ENDOSULFAN I	A	800	26:42	BB	0.058	PPM
70	4,4'-DDT	A	880	29:22	BB	0.000	PPM
71	B-BHC	A	666	22:14	BB	0.478	PPM
72	D-BHC	A	677	22:36	BB	0.006	PPM
82	2,4,6-TRIBROMOPHEN(SUR	A	598	19:58	BB	0.003	PPM
84	MIREX	A	971	32:24	BB	0.002	PPM
87	PCB 1016	A	713	23:48	BB	4.900	PPM
90	PCB 1242	A	714	23:50	BB	5.177	PPM

Chromatogram 625-14
 Comment: BLANK + DFTPP Scan: 51
 Scan Range: 51 - 1380 Int = 81200

Acquired: Oct-09-1996 03:05:26
 55(4)@8C/MIN TO 300(11)
 @ 1:45 100% = 73045



Quantitation Report Quanfile: 625-14 Quan Entries: 39
 Comment: BLANK + DFTPP 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PHENANTHRENE D-10 (IS)	I	666	22:14	BU	9.523	PPM
10	4-NITROPHENOL	A	550	18:22	BB	0.016	PPM
12	PENTACHLOROPHENOL	A	675	22:32	BB	0.023	PPM
14	BIS(2-CHLOROISOPROPYL)ETHE	A	278	29:18	BB	0.028	PPM
16	NITROSODIMETHYLAMINE	A	61	22:04	BB	0.109	PPM
18	DIMETHYLPHthalate	A	526	17:34	BB	0.002	PPM
21	NITROSODIPHENYLAMINE	A	601	20:04	BB	0.004	PPM
23	DI BUTYLPHthalate	A	738	24:36	BB	0.012	PPM
24	BUTYLBENZYLPHthalate	A	898	29:58	BB	0.001	PPM
31	NITROBENZENE	A	306	10:14	BB	0.006	PPM
39	AZOBENZENE	A	607	20:16	BB	0.002	PPM
44	FLUORENE	A	599	20:00	BB	0.002	PPM
45	PHENANTHRENE	A	672	22:26	BB	0.001	PPM
47	FLUORANTHENE	A	805	26:52	BB	0.005	PPM
48	PYRENE	A	805	26:52	BB	0.005	PPM
49	BENZO(A)ANTHRACENE	A	933	31:08	BB	0.002	PPM
50	CHRYSENE	A	933	31:08	BB	0.002	PPM

Quantitation Report Quanfile: 625-14 Quan Entries: 39
 Comment: BLANK + DFTPP 55(4)@8C/MIN TO 300(11)
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
51	BENZO(B)FLUORANTHENE	A	1036	34:34	UB	0.018	PPM
52	BENZO(K)FLUORANTHENE	A	1036	34:34	UB	0.034	PPM
53	BENZO(A)PYRENE	A	1065	35:32	UB	0.023	PPM
55	DI BENZO(AH)ANTHRACENE	A	1201	40:04	BB	0.001	PPM
57	BENZIDINE	A	815	27:12	BB	0.004	PPM
58	3, 3-DICHLOROBENZIDINE	A	948	31:38	UB	0.023	PPM
59	A-BHC	A	642	21:26	BB	0.002	PPM
60	LINDANE	A	666	22:14	BB	0.437	PPM
61	HEPTACHLOR	A	722	24:06	BB	0.003	PPM
62	ALDRIN	A	769	25:40	BB	0.003	PPM
63	HEPTACHLOR EPOXIDE	A	794	26:30	BB	0.350	PPM
65	4, 4'-DDE	A	845	28:12	BB	0.002	PPM
71	B-BHC	A	666	22:14	BB	0.529	PPM
72	D-BHC	A	687	22:56	BB	0.002	PPM
85	TOXAPHENE	A	836	27:54	BB	0.055	PPM
87	PCB 1016	A	713	23:48	BB	2.773	PPM
88	PCB 1221	A	545	18:12	BB	0.007	PPM

Quantitation Report Quanfile: 625-14 Quan Entries: 39
Comment: BLANK + DFTPPO 55(4)@8C/MIN TO 300(11)
Entered via: Entry Number ↑ (S) = Standard

#	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	PCPPO 122555	S	915	0:00:28	BB	0:046	PPM
	PCPPO 122448	S	764	0:00:10	BB	0:044	PPM
	PCPPO 122554	S	926	0:00:29	BB	0:029	PPM

96-625

U.S.C.G.S. WILLETS POINT N.Y.

LABORATORY CERTIFICATIONS

NEW YORK STATE DEPARTMENT OF HEALTH

BARBARA A. DEBUONO, M.D., M.P.H. Commissioner



Expires 12:01 AM April 1, 1997
ISSUED April 1, 1996
REVISED September 11, 1996

INTERIM CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

Lab ID No.: 10667

Director: MR. ELLIOT SHAPIRO

Lab Name: CHARLES M SHAPIRO INC

Address : 181 SOUTH FRANKLIN AVE-STE 305
VALLEY STREAM NY 11581-1101

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES/SOLID AND HAZARDOUS WASTE

All approved subcategories and/or analytes are listed below:

Characteristic Testing :
Corrosivity
Ignitability
Reactivity

Miscellaneous :
Asbestos in Friable Material
Cyanide, Total
Lead in Paint
Hydrogen Ion (pH)

Chlorinated Hydrocarbons (ALL)
Metals I (ALL)
Polynuclear Arom. Hydrocarbon (ALL)
Phthalate Esters (ALL)
Purgeable Aromatics (ALL)

Haloethers (ALL)
Nitroaromatics Isophorone (ALL)
Polychlorinated Biphenyls (ALL)
Priority Pollutant Phenols (ALL)
Purgeable Halocarbons (ALL)

Serial No.: 034263

Wadsworth Center

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificate has a red serial number.

NEW YORK STATE DEPARTMENT OF HEALTH

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VALLEY STREAM NY 11581-1101

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved subcategories and/or analytes are listed below:

b' r. Hydrocarbon Pesticides :	Wastewater Metals I :	Wastewater Miscellaneous :	Wastewater Metals III :
1,4'-DDD	Silver, Total	Cyanide, Total	Cobalt, Total
1,4'-DDE	Barium, Total	Corrosivity	Molybdenum, Total
-DDT	Cadmium, Total	Phenols	Tin, Total
alpha-BHC	Chromium, Total	Oil & Grease Total Recoverable	Thallium, Total
beta-BHC	Copper, Total	Hydrogen Ion (pH)	Chlorophenoxy Acid Pesticides :
Chlordane Total	Iron, Total	Specific Conductance	2,4-D
delta-BHC	Potassium, Total	Silica, Dissolved	2,4,5-TP (Silvex)
Dichloran	Magnesium, Total	Temperature	Organophosphate Pesticides :
Dieledrin	Manganese, Total	Mineral :	Diazinon
Endrin aldehyde	Nickel, Total	Hardness, Total	Malathion
Endrin	Lead, Total	Acrolein and Acrylonitrile (ALL)	Benzidines (ALL)
Endosulfan II	Chlorinated Hydrocarbons (ALL)	Halogenethers (ALL)	Wastewater Metals II (ALL)
Endosulfan sulfate	Nitroaromatics and Isophorone (ALL)	Nitrosoamines (ALL)	Polynuclear Aromatics (ALL)
Heptachlor	Polychlorinated Biphenyls (ALL)	Phthalate Esters (ALL)	Priority Pollutant Phenols (ALL)
Heptachlor epoxide	Purgeable Aromatics (ALL)	Purgeable Halocarbons (ALL)	Residue (ALL)
Lindane	TCLP Additional Compounds (ALL)		
Mirex			
Methoxychlor			
oxyaphene			

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